Yahoo Group Archive: X1M_QRP-Transceiver (2013)

Yahoo Group summary: X1M_QRP-Transceiver SSB/CW Transceiver family including X108

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2018. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2013-03-16 through 2013-12-31

Source WARC: x1m_qrp-transceiver.llSRcI5.warc.gz

Source item: https://archive.org/details/yahoo-groups-2018-10-03T08-44-33Z-db0864

Messages included in this PDF: 3331

Message records with no body available in the source archive: 1

Messages omitted as spam from this PDF: 5

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

1. Background

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-16 13:01:23 UTC
From: Steve
Topic: 1 Message: 1

Welcome to the group began at the release of the X1M SSB/CW Chinese radio. The list owner is currently awaiting delivery of this unit for review and operation. Some background is available at
http://www.amateurradio.com/x1m-qrp-ssbcw-transceiver-kit/attachment/201208181217487611/

Further, published specs are claimed to be:

Transceiver: X1M [v2.01]
Frequency range: 0.1 ~ 30mhz transceiver;
Modes: ssb / cw
Power output: 5 Watts (max);
Operating voltage: minimum 9.6v (dc), max 14.5v (dc);
Operating current: 0.35a (min), 1.2a (max);
Preamplifier;
Memory 100 channels ;
RIT function;
Automatic internal CW keyer
Back-light on/off
Keyboard can be locked;
Dimensions: 97 * 40 * 155 (mm)
Weight: 0.65
Receiving sensitivity: better than 0.45uV
Frequency stability: better than 0.5ppm
Frequency accuracy: better than 0.5ppm (boot 5 minutes)

An interesting additional feature says this equipment can be connected to HAM RADIO DELUXE software. The user can choose any ICOM equipment, but the IC-718 is recommended.

Welcome any comments or reviews

73 K8SAR, Founder and moderator

2. Availability

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-16 13:10:57 UTC
From: Steve
Topic: 2 Message: 2

Current domestic sellers include http://www.kightradio.com/

3. Manufacturer's web site

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-22 18:44:03 UTC
From: Steve
Topic: 3 Message: 3

http://www.cqxiegu.com/productlist.aspx?t=5

4. Availability

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-22 18:47:03 UTC
From: Steve
Topic: 2 Message: 4

The moderator understands that Import Communications is negotiating to make this model and a "big brother" version available domestically (within US) in the coming months.

73,

Steve

5. 2nd generation X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-22 18:51:24 UTC
From: Steve
Topic: 5 Message: 5

The second generation of the X1M translated from the manufacturer's web site reveals the following...

20W HF SSB radio saddled marching communications or fixed voice confidential talk with confidentiality; with 125W power amplifier for car mobile communications, digital transmission interface can be used.
The station successfully applied to contemporary state-of-the-art communication automatically select the best channel and Automatic Link Establishment (ALE) technology, using computer control, digital signal processing, extremely excellent electronic ECCM (ECCM) performance, to ensure that in a variety of achieve reliable communication in harsh electrical environments.

The main technical indicators:
Frequency range: 2.0000 ~ 29.9999MHz (channel spacing of 100Hz)
2 types of jobs: the upper sideband, then the lower sideband, then reported
3. Frequency stability: ± 1 × 10-6
4 storage channel: 100
5 Power supply: DC 12V, negative ground.
Power consumption: The receiving state is less than 500mA, the status of the sender is less than 5A
Dimensions: 97 (mm) × 40 (mm) x 155 (mm)
Transmitter Performance
Output power: high power 20W, low power 5W
Intermodulation distortion: ≤;-25dB
3. Unwanted sideband suppression: ≤-40dB
Carrier frequency suppression: ≤-40dB

Receiver performance
Sensitivity: SSB ≤ 1_6;V (S + N / N = 12dB)
CW ≤ 0.5μV (S + N / N = 12dB)
2, the image frequency suppression: ≥ 80dB
3.AGC: 12μV signal input from the antenna terminal increases 80dB, output variation less than 6dB
4 audio response: 350 ~ 2800Hz not worse than 6dB.
Output power: Rated output 10mV

Automatic link establishment ALE performance
1. Adaptive call types: single call, network call, all call
Channel scanning speed: 5 channel / sec.
3 in accordance with MIL-STD-188-141A standard

Days automatically tune performance
Automatic Antenna Tuner Tuning time: <5S
Tuning accuracy: VSWR better than 2

6. Re: 2nd generation X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-22 21:38:15 UTC
From: George
Topic: 5 Message: 6

This sounds real interesting! I like the idea of 20W/5W. Do you have a link to the factory website?

George
N1YAE

--- In X1M@yahoogroups.com, "Steve" <k8sar@...> wrote:
>
> The second generation of the X1M translated from the manufacturer's web site reveals the following...
>
>
>

7. Re: 2nd generation X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-22 21:49:14 UTC
From: Steve
Topic: 5 Message: 7

See earlier posting

http://www.cqxiegu.com/productlist.aspx?t=5

73, Steve

--- In X1M@yahoogroups.com, "George" <gandrews@...> wrote:
>
> This sounds real interesting! I like the idea of 20W/5W. Do you have a link to the factory website?
>
> George
> N1YAE
>
> --- In X1M@yahoogroups.com, "Steve" <k8sar@> wrote:
> >
> > The second generation of the X1M translated from the manufacturer's web site reveals the following...
> >
> >
> >
>

8. RE: [X1M] Re: 2nd generation X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-22 22:00:49 UTC
From: George Andrews
Topic: 5 Message: 8

Thanks! And thanks for establishing this group!

George

From: X1M@yahoogroups.com [mailto:X1M@yahoogroups.com] On Behalf Of Steve
Sent: Friday, March 22, 2013 5:49 PM
To: X1M@yahoogroups.com
Subject: [X1M] Re: 2nd generation X1M

See earlier posting

http://www.cqxiegu.com/productlist.aspx?t=5

73, Steve

--- In X1M@yahoogroups.com <mailto:X1M%40yahoogroups.com> , "George"
<gandrews@...> wrote:
>
> This sounds real interesting! I like the idea of 20W/5W. Do you have a
link to the factory website?
>
> George
> N1YAE
>
> --- In X1M@yahoogroups.com <mailto:X1M%40yahoogroups.com> , "Steve"
<k8sar@> wrote:
> >
> > The second generation of the X1M translated from the manufacturer's web
site reveals the following...
> >
> >
> >
>

9. Photos

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-22 22:19:15 UTC
From: Steve
Topic: 9 Message: 9

Photos uploaded to photo section of the group

10. Name revised

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-22 22:32:00 UTC
From: Steve
Topic: 10 Message: 10

To be more descriptive the URL for this group was changed to

http://groups.yahoo.com/group/X1M_QRP-Transceiver/?yguid=110661721

Sorry for any confusion

73,

Steve

11. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-23 00:51:29 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 11

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /20 watt specs.pdf
Uploaded by : rishs <k8sar@...>
Description : 20Watt Model tentative specs

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/20%20watt%20specs.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

rishs <k8sar@...>

12. 20 Watt Specs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-23 00:53:14 UTC
From: Steve
Topic: 12 Message: 12

Thanks to Ed of Import Communications we have posted tentative specs and a photo of the 2o watt model. Ed expects the model to be available around mid year. Thanks Ed.

13. What will these little gems cost?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-23 01:09:27 UTC
From: sumtingwong1968
Topic: 13 Message: 13

Are the QRP rigs already available in the states?
And, for what price range for the QRP and big-bore version?

14. Re: What will these little gems cost?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-23 12:57:16 UTC
From: Steve
Topic: 13 Message: 14

Currently, the radios are only available shipped from China distributors but efforts are underway by domestic dealers to soon have the radios available. X1M price looks to be under $300US with 20 watt model tbd.

Steve

--- In X1M_QRP-Transceiver@yahoogroups.com, "sumtingwong1968" <sumtingwong1968@...> wrote:
>
> Are the QRP rigs already available in the states?
> And, for what price range for the QRP and big-bore version?
>

15. Re: [X1M_QRP-Transceiver] Re: What will these little gems cost?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-23 13:07:26 UTC
From: George Allen
Topic: 13 Message: 15

So where do I sign up? There is a spot for that 20w rig in my RV, just waiting!

On Mar 23, 2013, at 7:57 AM, "Steve" <k8sar@...> wrote:

> Currently, the radios are only available shipped from China distributors but efforts are underway by domestic dealers to soon have the radios available. X1M price looks to be under $300US with 20 watt model tbd.
>
> Steve
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "sumtingwong1968" <sumtingwong1968@...> wrote:
>>
>> Are the QRP rigs already available in the states?
>> And, for what price range for the QRP and big-bore version?
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

16. Radio Availability

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-23 17:24:16 UTC
From: kingfish_stevens
Topic: 16 Message: 16

Twelve radios, 2 kits and 10 wired, have been shipped from the factory to my office in China. They have been forwarded to the US and hopefully they will arrive next week. The kits are not kits as we usually think of them. There is very little difference in the kit and wired costs, leading me to believe a kit only requires installing the boards, screws, knobs and etc. No actual wiring.

I had not planned for the existence of this radio to be made public until I had a chance to test it myself but the cat was let out of the bag by a friend of mine. I have been working for over a month with the factory for an exclusive US distributorship for their products. This has been somewhat of a chore because no one at the factory speaks English and their production output appears to be very slow right now. Hopefully this will all work out soon.

I have already ordered an additional 50 radios but I don't know how soon they can be produced. It took two weeks to get the first dozen made.

If I have time this weekend I will put a notification list on my web site so that anyone interested will be notified when stock is available. If at all possible, I will try to have some of these for sale at Dayton. I will at least have one displayed there.

Regards,
Ed Griffin

Import Communications
www.importcommunications.com

17. Re: Radio Availability

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-24 14:18:06 UTC
From: Papadad
Topic: 16 Message: 17

Got one ordered today from the factory and will check it out and do a few videos etc when it arrives. Interesting little Rig.

Joe. K7JOE/BY1

19. Re: [X1M_QRP-Transceiver] Just looking for a bit more info

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-26 13:10:00 UTC
From: Buddy Brannan
Topic: 18 Message: 19

I also haven't seen a manual. I'd really be interested in that.

One thing, if it really works with the Icom command set, I wonder if it'd work with the Millennium QSYer? If so, could be it's also accessible with this accessory. I'd be interested in finding this out myself.

It also sounds really tiny, nearly handheld by the dimensions. No KX3 killer, but at a much lower price. Definitely exciting stuff, espfor getting new hams into hf.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On Mar 26, 2013, at 12:35 AM, "pileupjunkie" <beargyrlls@...> wrote:

> I read the specs on this small rig but so far I can't seem to locate what the band width is on SSB and CW.
> The only U tube I located,the audio was not to good.
> I know some hams have these rigs already and I was wishing I could get the additional information I need.
> Thanks.
> Bob
> AF2Q
> Wilderness Elite
> Search & Rescue
> Severe Weather & Swift Water Pet Rescue
> (609) 638-1629
>
>

20. Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-26 13:27:38 UTC
From: I like BBQ!
Topic: 20 Message: 20

Just recieved this from Kight Radio:

Subject: X1M

They are not hard to put together but getting the assembled is best. They are not available in China right now. They are waiting on parts to arrive and do not expect to have any before April 20th however we are working with the mfg and trying to help them get them made before that time. Once we have them again, we will ship the first few orders from our office in China to speed things up before our stock arrives in USA.

Sincerely,
Kight Radio Electronics

22. Videos

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-27 00:18:35 UTC
From: Steve
Topic: 22 Message: 22

http://v.youku.com/v_show/id_XMzc2Njc4MDY4.html

http://v.youku.com/v_show/id_XNDk1ODc0Mzg0.html

23. Re: [X1M_QRP-Transceiver] Videos

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-27 01:53:03 UTC
From: Charles J. Hargrove
Topic: 22 Message: 23

Did anyone notice the other videos down the right side for radios like the Panda, Juma, KN-Q10, KN-Q90, etc? This may be just the beginning a many new Chinese HF rigs, base/mobile as well as portables.

> http://v.youku.com/v_show/id_XMzc2Njc4MDY4.html
>
> http://v.youku.com/v_show/id_XNDk1ODc0Mzg0.html

--
Charles J. Hargrove - N2NOV
NYC ARECS/RACES Citywide Radio Officer/Skywarn Coord.

NYC-ARECS/RACES Net Mon. @ 8:30PM 147.360/107.2 PL
http://www.nyc-arecs.org and http://www.nyc-skywarn.org

NYDXA SWL & Scanner Net Wed. @ 9PM 147.360/107.2 PL
http://www.n2nov.net

"Information is the oxygen of the modern age. It seeps through the walls topped by barbed wire, it wafts across the electrified borders." - Ronald Reagan

"The more corrupt the state, the more it legislates." - Tacitus

"Molann an obair an fear" - Irish Saying
(The work praises the man.)

"No matter how big and powerful government gets, and the many services it provides, it can never take the place of volunteers." - Ronald Reagan

24. New poll for X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-27 13:45:22 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 24 Message: 24

Enter your vote today! A new poll has been created for the
X1M_QRP-Transceiver group:

What is a reasonable price for a basic multiband (WARC included) QRP ssb/cw transceiver?

o Under $150
o $150 - $250
o $250 - $350
o $350 - $450
o $450 - $600

To vote, please visit the following web page:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/surveys?id=3137331

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

25. Re: New poll for X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-28 13:01:24 UTC
From: Papadad
Topic: 25 Message: 25

Not sure what a fair price is - depends on features , power, and quality supply availability etc.

For a multimode, multi band rig, we will certainly break the $299 price point. That's already competitive with items from MFJ 9420 and Tokyo hipower ht-750 etc. Its about half the ft 817 or ic 703, k1 and even older Tt argosy argonaut and Scout.

Someone who shall remain anonymous is planning the x1m to be sold for approx $249-$279 usd shipped by mid year. You be the judge if that's reasonable.

However, steady supplies are difficult to secure from the mfg at this time and so "talk is cheap" as they say !

Stay tuned.

Joe.
K7JOE / BY1

26. Import Communications - North American distributor for X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-29 12:59:12 UTC
From: kingfish_stevens
Topic: 26 Message: 26

Steve,

I would like to announce that Import Communications has sealed the deal to be the only North American distributor the X1M and later models of HF radios.

Twelve radios (two in kit form) will arrive next week. One hundred more are scheduled for delivery on May 1. This weekend, these will be available "first come - first served" via my web site.

A 20 watt radio, known now as X1MII, will not be available until July.

I have suggested the factory consider a companion tuner/battery pack for the X1M. This would be similar to the combination that was available for the old Index Labs QRP transceiver. This combination was highly sought after then and still bring a premium price on the used market.

I am going to poll the members of this group to see if there would be interest in this tuner/battery combination. Positive feedback could help persuade the factory to make it.

Regards,
Ed Griffin
www.ImportCommunications.com

27. New poll for X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-29 13:08:03 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 24 Message: 27

Enter your vote today! A new poll has been created for the
X1M_QRP-Transceiver group:

Would you purchase? A companion "antenna tuner / battery pack" for the X1M QRP transceiver. This would be similar to the combination that was available for the Index Labs QRP transceiver from some years back.

o Yes, I would need a tuner anyway.
o I would consider the combo instead of buying some other brand of tuner
o No, I already have a tuner or would buy another brand

To vote, please visit the following web page:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/surveys?id=3137543

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

28. Re: [X1M_QRP-Transceiver] Import Communications - North American distributor for X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-29 13:19:48 UTC
From: Stephen Black
Topic: 26 Message: 28

On 3/29/2013 8:59 AM, kingfish_stevens wrote:
>
> Steve,
>
> I would like to announce that Import Communications has sealed the
> deal to be the only North American distributor the X1M and later
> models of HF radios.
>
> Twelve radios (two in kit form) will arrive next week. One hundred
> more are scheduled for delivery on May 1. This weekend, these will be
> available "first come - first served" via my web site.
>
> A 20 watt radio, known now as X1MII, will not be available until July.
>
> I have suggested the factory consider a companion tuner/battery pack
> for the X1M. This would be similar to the combination that was
> available for the old Index Labs QRP transceiver. This combination was
> highly sought after then and still bring a premium price on the used
> market.
>
> I am going to poll the members of this group to see if there would be
> interest in this tuner/battery combination. Positive feedback could
> help persuade the factory to make it.
>
> Regards,
> Ed Griffin
> www.ImportCommunications.com
>
>
Pricing? Steve KB1CHU

29. Re: [X1M_QRP-Transceiver] Import Communications - North American distributor for X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-29 13:25:06 UTC
From: Buddy Brannan
Topic: 26 Message: 29

Think it's a fantastic idea.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On Mar 29, 2013, at 8:59 AM, "kingfish_stevens" <ed@...> wrote:

> Steve,
>
> I would like to announce that Import Communications has sealed the deal to be the only North American distributor the X1M and later models of HF radios.
>
> Twelve radios (two in kit form) will arrive next week. One hundred more are scheduled for delivery on May 1. This weekend, these will be available "first come - first served" via my web site.
>
> A 20 watt radio, known now as X1MII, will not be available until July.
>
> I have suggested the factory consider a companion tuner/battery pack for the X1M. This would be similar to the combination that was available for the old Index Labs QRP transceiver. This combination was highly sought after then and still bring a premium price on the used market.
>
> I am going to poll the members of this group to see if there would be interest in this tuner/battery combination. Positive feedback could help persuade the factory to make it.
>
> Regards,
> Ed Griffin
> www.ImportCommunications.com
>
>

30. Power Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-29 14:57:57 UTC
From: k6wst
Topic: 30 Message: 30

I have seen three different output info on this unit i.e., 5 watts, 20 watts and 25 watts. Which one is the real deal? The inquiring mind wants to know. Thank you.

Will, K6WST

31. Re: Power Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-29 15:05:13 UTC
From: Steve
Topic: 30 Message: 31

The X1M, currently available, is a 4-5 watt ssb/cw radio. The coming second generation X1MII is reported to be the 20 watt model.

73, Steve

--- In X1M_QRP-Transceiver@yahoogroups.com, "k6wst" <wstomas@...> wrote:
>
> I have seen three different output info on this unit i.e., 5 watts, 20 watts and 25 watts. Which one is the real deal? The inquiring mind wants to know. Thank you.
>
> Will, K6WST
>

32. Re: [X1M_QRP-Transceiver] Power Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-29 15:07:40 UTC
From: Buddy Brannan
Topic: 30 Message: 32

This first version is 5 watts. There will be a 20-watt version later in the summer.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On Mar 29, 2013, at 10:57 AM, "k6wst" <wstomas@...> wrote:

> I have seen three different output info on this unit i.e., 5 watts, 20 watts and 25 watts. Which one is the real deal? The inquiring mind wants to know. Thank you.
>
> Will, K6WST
>
>

33. First Impressions X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-29 21:03:54 UTC
From: Steve
Topic: 33 Message: 33

My X1M order just received this PM. I have posted a couple photos including one with the Baofeng UV-5R and my FT-817. The package included a single page "manual" in Chinese....note to Ed...you may want to get a translated version of this to include with your shipments. The package also included a speaker/mic and spare power and mic plugs. Will be rewiring the plug to a 12V supply over the weekend to fire it up. Overall I am struck by the weight and solidness of the case and visible construction and, at the same time, the small size. I can visualize all sorts of HF Pack usage. There should be a variety of existing cases adapted to work with this rig. Look forward to testing on air.
Film at 11:00

34. Re: [X1M_QRP-Transceiver] First Impressions X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-29 21:12:29 UTC
From: Buddy Brannan
Topic: 33 Message: 34

Hi,

So it says that the radio uses the Icom command set. Does it also use the same data cable as Icom? (Checking for possible use with the QSYer, http://www.qsyer.com)

I'm also supposing some standard power plug? Hopefully? Standard 2.1/5.5mm connector would be fantastic, i.e. same as MFJ/Elecraft/others. It would make my life easier, anyway.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On Mar 29, 2013, at 5:03 PM, "Steve" <k8sar@...> wrote:

> My X1M order just received this PM. I have posted a couple photos including one with the Baofeng UV-5R and my FT-817. The package included a single page "manual" in Chinese....note to Ed...you may want to get a translated version of this to include with your shipments.
> The package also included a speaker/mic and spare power and mic plugs. Will be rewiring the plug to a 12V supply over the weekend to fire it up. Overall I am struck by the weight and solidness of the case and visible construction and, at the same time, the small size. I can visualize all sorts of HF Pack usage. There should be a variety of existing cases adapted to work with this rig. Look forward to testing on air.
> Film at 11:00
>
>

35. RE: [X1M_QRP-Transceiver] First Impressions X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-29 21:17:51 UTC
From: Steve Rish
Topic: 33 Message: 35

Looks to be standard 9 pin serial rs 232. I have a serial to usb adapter will be trying. The HRD command set for the IC-718 is the claimed function. Believe you are correct on the power plug. I do know it is not the same as the FT-817 plug

73

Steve

> To: X1M_QRP-Transceiver@yahoogroups.com
> From: buddy@...
> Date: Fri, 29 Mar 2013 17:12:29 -0400
> Subject: Re: [X1M_QRP-Transceiver] First Impressions X1M
>
> Hi,
>
> So it says that the radio uses the Icom command set. Does it also use the same data cable as Icom? (Checking for possible use with the QSYer, http://www.qsyer.com)
>
> I'm also supposing some standard power plug? Hopefully? Standard 2.1/5.5mm connector would be fantastic, i.e. same as MFJ/Elecraft/others. It would make my life easier, anyway.
> --
> Buddy Brannan, KB5ELV - Erie, PA
> Phone: (814) 860-3194 or 888-75-BUDDY
>
>
>
> On Mar 29, 2013, at 5:03 PM, "Steve" <k8sar@...> wrote:
>
> > My X1M order just received this PM. I have posted a couple photos including one with the Baofeng UV-5R and my FT-817. The package included a single page "manual" in Chinese....note to Ed...you may want to get a translated version of this to include with your shipments.
> > The package also included a speaker/mic and spare power and mic plugs. Will be rewiring the plug to a 12V supply over the weekend to fire it up. Overall I am struck by the weight and solidness of the case and visible construction and, at the same time, the small size. I can visualize all sorts of HF Pack usage. There should be a variety of existing cases adapted to work with this rig. Look forward to testing on air.
> > Film at 11:00
> >
> >
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links

>
>
>

36. Just checking in

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-29 22:46:15 UTC
From: kf9cm
Topic: 36 Message: 36

Hi,
I'd like to say hi to the group. I purchased a X1M transceiver and received it today. I tested it out on the bench and I only found two real problems with it.
First, I had to change out the SO239 connector to an American made socket. The threading on the original was too tight and would not accept a PL259. Second, there is very little documentation. I went through most of the operations by trial and error. I e-mailed Mr. Yan at the factory to obtain a manual and schematic. Hopefully I will get a response. All in all it seems to be a pretty good little rig and the price was right.

I don't really see how one could construct this from a kit with the amount of documentation you receive.

73 de Gary, KF9CM

37. Re: [X1M_QRP-Transceiver] First Impressions X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-29 22:48:36 UTC
From: George Allen
Topic: 33 Message: 37

$?

On Mar 29, 2013, at 4:03 PM, "Steve" <k8sar@...> wrote:

> My X1M order just received this PM. I have posted a couple photos including one with the Baofeng UV-5R and my FT-817. The package included a single page "manual" in Chinese....note to Ed...you may want to get a translated version of this to include with your shipments.
> The package also included a speaker/mic and spare power and mic plugs. Will be rewiring the plug to a 12V supply over the weekend to fire it up. Overall I am struck by the weight and solidness of the case and visible construction and, at the same time, the small size. I can visualize all sorts of HF Pack usage. There should be a variety of existing cases adapted to work with this rig. Look forward to testing on air.
> Film at 11:00
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

39. Orders now being accepted

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-30 02:57:47 UTC
From: kingfish_stevens
Topic: 39 Message: 39

I have now added the X1M to my web site and will take orders for delivery in early May.

The first 5-6 orders will get delivered next week from inventory that arrives next week.

Regards,
Ed Griffin

www.ImportCommunications.com

40. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-30 16:55:03 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 40

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /X1Mtrx.pdf
Uploaded by : kf9cm <Gary@...>
Description : X1M 2 page document

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/X1Mtrx.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kf9cm <Gary@...>

41. Tuning the X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-30 17:22:22 UTC
From: kf9cm
Topic: 41 Message: 41

I uploaded, to the files section, the 2 page instruction sheet that came with the X1M transceiver. I found in order to tune and change frequency, push and hold the main tuning knob for about 1 second. you will see an underline on the digit you wish to change. If the digit is underlined as you turn the knob it will switch digits. If the digit is darkened. turning the knob will change that digit. I hope this helps.

If you push and hold the RIT button You will go in the perimeters menu. Be careful if you change some perimeters you will do like I did and (for some reason) the receiver gain will be cut in half. I guess I will have to wait for a translation to bring it back up.

I will do some more investigating and I'll let you guys know.

73 de Gary, KF9CM

44. Re: Tuning the X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-03-31 07:52:14 UTC
From: kd5inm
Topic: 41 Message: 44

I love how on the manual it has WARNING written in English but the rest is in Chinese.
I watched the videos on youku that were mentioned and they explain how to work the radio.
So far I like the radio but I don't know if I would give $299 for it, will it go out of band such as for mars? I can buy a used 100 watt rig for around $300 and it will have AM and go out of band as well as other features the X1M doesn't have.

73' John kd5inm

--- In X1M_QRP-Transceiver@yahoogroups.com, "kf9cm" <Gary@...> wrote:
>
> I uploaded, to the files section, the 2 page instruction sheet that came with the X1M transceiver. I found in order to tune and change frequency, push and hold the main tuning knob for about 1 second. you will see an underline on the digit you wish to change. If the digit is underlined as you turn the knob it will switch digits. If the digit is darkened. turning the knob will change that digit. I hope this helps.
>
> If you push and hold the RIT button You will go in the perimeters menu. Be careful if you change some perimeters you will do like I did and (for some reason) the receiver gain will be cut in half. I guess I will have to wait for a translation to bring it back up.
>
> I will do some more investigating and I'll let you guys know.
>
>
> 73 de Gary, KF9CM
>

46. English Manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-01 13:45:26 UTC
From: kingfish_stevens
Topic: 46 Message: 46

I am working on an English manual. Hopefully I will get it posted by tomorrow. I'll put it in the files section so everyone will be notified.
Regards,
Ed
Import Communications

47. purchase?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-03 19:47:54 UTC
From: izzy.lavee
Topic: 47 Message: 47

Hi guys

where can I purchase this lovely toy?
73,
Izzy
4X1UF

48. Re: [X1M_QRP-Transceiver] purchase?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-03 20:54:05 UTC
From: Lou Roux
Topic: 47 Message: 48

Izzy try here: http://www.kightradio.com/QRP-HF-Radios_c_87.html

Lou - W6UR

On 4/3/2013 12:47 PM, izzy.lavee wrote:
> Hi guys
>
> where can I purchase this lovely toy?
> 73,
> Izzy
> 4X1UF
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

49. Re: purchase? ThIs URL will take you to the order page.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-03 20:56:15 UTC
From: ditdah2dahditdit
Topic: 47 Message: 49

> where can I purchase this lovely toy?
> 73,
> Izzy
> 4X1UF
>
http://www.wouxun.us/item.php?item_id=302&category_id=65
Quote:"Orders are being accepted now for delivery in early May"

50. Re: [X1M_QRP-Transceiver] Re: purchase? ThIs URL will take you to the order page.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-04 04:04:32 UTC
From: 4X1UF Israel Lavee
Topic: 47 Message: 50
Attachments: 1 described; binary payloads are missing from this source WARC

it's not practical for us to buy in the US, we don't have taxes on ham gear
and the price in the US is much higher than the one in China not to mention
the delivery cost from the US which is outrage ! therefore I am looking for
the Chinese source.

Izzy 4X1UF

*Extra Class, Active ham since October 1964, QCWA # 35058, member of SKCC, *
mail: ham.4x1uf@..., Skype: ham4x1uf
[image: http://www.cwops.org/images/cqcani.gif]
73,
Izzy 4X1UF

On Wed, Apr 3, 2013 at 11:56 PM, ditdah2dahditdit <jt_digital@hotmail.com>wrote:

> **
>
>
> > where can I purchase this lovely toy?
> > 73,
> > Izzy
> > 4X1UF
> >
> http://www.wouxun.us/item.php?item_id=302&category_id=65
> Quote:"Orders are being accepted now for delivery in early May"
>
>
>

51. Re: purchase? ThIs URL will take you to the order page.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-04 11:48:07 UTC
From: dl4eax
Topic: 47 Message: 51

"therefore I am looking for the Chinese source."

Me too.

Any chance to get this rig from China or maybe a distributor in the European union?

73,

Michael - DL4EAX

52. Can the power be turned down to milliwatts?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-05 01:58:28 UTC
From: qrv@kd4e.com
Topic: 52 Message: 52

This rig could be useful as a signal generator-type
source and/or with transverters.

IF ... the power output may be lowered.

Thanks!

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

53. Re: purchase? ThIs URL will take you to the order page.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-05 03:30:18 UTC
From: Papadad
Topic: 47 Message: 53

I am planning to distribute directly from hkg or china. My proximity to the supply source gives some advantages in terms of supply availability including spare parts as well as pricing.

Shipping arrangements being worked. So stay tuned for details including where I will sell to/ ship to, pricing, etc.

Price anticipated to be approximate $219 usd plus shipping fees per unit

I will not be shipping into the USA initially as there are existing distributors for that market.

Joe. K7JOE/BY1.

54. Re: [X1M_QRP-Transceiver] Re: purchase? ThIs URL will take you to the order page.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-05 08:19:27 UTC
From: A Wallace
Topic: 47 Message: 54

Hey Joe, be sure to check freight costs to VK for accurate quotes in your preparations!

Adrian

VK5AW

On 5/04/2013 2:00 PM, Papadad wrote:
> I am planning to distribute directly from hkg or china. My proximity to the supply source gives some advantages in terms of supply availability including spare parts as well as pricing.

55. Frequency Ranges

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-05 19:53:16 UTC
From: Bruce Buhler
Topic: 55 Message: 55

I notice that the ranges do not include 3.9-4.0 on 75 meters. Nor does it include 7.15-7.3 on 40 meters. These specs limit phone on these two bands. Is it possible these shortcomings will be addressed in a future update?

Bruce
KD6DRU
Central California

56. RE: [X1M_QRP-Transceiver] Frequency Ranges

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-05 20:22:18 UTC
From: Steve Rish
Topic: 55 Message: 56

The radio functions on these frequencies.

Steve Rish

To: X1M_QRP-Transceiver@yahoogroups.com
From: buhler50@...
Date: Fri, 5 Apr 2013 19:53:16 +0000
Subject: [X1M_QRP-Transceiver] Frequency Ranges

I notice that the ranges do not include 3.9-4.0 on 75 meters. Nor does it include 7.15-7.3 on 40 meters. These specs limit phone on these two bands. Is it possible these shortcomings will be addressed in a future update?

Bruce

KD6DRU

Central California

57. Re: [X1M_QRP-Transceiver] Frequency Ranges

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-05 21:15:08 UTC
From: Buddy Brannan
Topic: 55 Message: 57

I think coverage is continuous, but the stated ham bands are optimized.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On Apr 5, 2013, at 4:22 PM, Steve Rish <k8sar@...> wrote:

>
> The radio functions on these frequencies.
>
>
> Steve Rish
>
> To: X1M_QRP-Transceiver@yahoogroups.com
> From: buhler50@...
> Date: Fri, 5 Apr 2013 19:53:16 +0000
> Subject: [X1M_QRP-Transceiver] Frequency Ranges
>
>
> I notice that the ranges do not include 3.9-4.0 on 75 meters. Nor does it include 7.15-7.3 on 40 meters. These specs limit phone on these two bands. Is it possible these shortcomings will be addressed in a future update?
>
> Bruce
> KD6DRU
> Central California
>
>
>
>

58. RE: [X1M_QRP-Transceiver] Frequency Ranges

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-05 21:20:52 UTC
From: David Colburn
Topic: 55 Message: 58

The ad can be confusing. It does continuous RX & TX 0.1 - 30MHz PLUS for some reason has additional Ham segments. Perhaps extra filtering there?

Steve Rish <k8sar@hotmail.com> wrote:

><!-- /* start of attachment style */ .ygrp-photo-title{ clear: both; font-size: smaller; height: 15px; overflow: hidden; text-align: center; width: 75px; } div.ygrp-photo{ background-position: center; background-repeat: no-repeat; background-color: white; border: 1px solid black; height: 62px; width: 62px; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div.attach-table div.attach-row { clear: both; } div.attach-table div.attach-row div { float: left; /* margin: 2px;*/ } p { clear: both; padding: 15px 0 3px 0; overflow: hidden; } div.ygrp-file { width: 30px; valign: middle; } div.attach-table div.attach-row div div a { text-decoration: none; } div.attach-table div.attach-row div div span { font-weight: normal; } div.ygrp-file-title { font-weight: bold; } /* end of attachment style */ --> <!-- .hmmessage P { margin:0px; padding:0px } body.hmmessage { font-size: 12pt; font-family:Calibri } -->
>
>The radio functions on these frequencies.
>
>
>Steve Rish
>
>To: X1M_QRP-Transceiver@yahoogroups.com
>From: buhler50@hotmail.com
>Date: Fri, 5 Apr 2013 19:53:16 +0000
>Subject: [X1M_QRP-Transceiver] Frequency Ranges
>
>
>
>I notice that the ranges do not include 3.9-4.0 on 75 meters. Nor does it include 7.15-7.3 on 40 meters. These specs limit phone on these two bands. Is it possible these shortcomings will be addressed in a future update?
>
>Bruce
>KD6DRU
>Central California
>
>
><!-- .ExternalClass #ecxygrp-mkp { border:1px solid #d8d8d8; font-family:Arial; padding:0 10px; } .ExternalClass #ecxygrp-mkp hr { border:1px solid #d8d8d8; } .ExternalClass #ecxygrp-mkp #ecxhd { color:#628c2a; font-size:85%; font-weight:700; line-height:122%; } .ExternalClass #ecxygrp-mkp #ecxads { } .ExternalClass #ecxygrp-mkp .ecxad { padding:0 0; } .ExternalClass #ecxygrp-mkp .ecxad p { } .ExternalClass #ecxygrp-mkp .ecxad a { color:#0000ff; text-decoration:none; } .ExternalClass #ecxygrp-sponsor #ecxygrp-lc {

font-family:Arial; } .ExternalClass #ecxygrp-sponsor #ecxygrp-lc #ecxhd { font-weight:700; font-size:78%; line-height:122%; } .ExternalClass #ecxygrp-sponsor #ecxygrp-lc .ecxad { padding:0 0; } .ExternalClass #ecxactions { font-family:Verdana; font-size:11px; padding:10px 0; } .ExternalClass #ecxactivity { background-color:#e0ecee; font-family:Verdana; font-size:10px; padding:10px; } .ExternalClass #ecxactivity span { font-weight:700; } .ExternalClass #ecxactivity span:first-child { text-transform:uppercase; } .ExternalClass #ecxactivity span a { color:#5085b6; text-decoration:none; } .ExternalClass #ecxactivity span span { color:#ff7900; } .ExternalClass #ecxactivity span .ecxunderline { text-decoration:underline; } .ExternalClass .ecxattach { clear:both; display:table; font-family:Arial; font-size:12px; padding:10px 0; width:400px; } .ExternalClass .ecxattach div a { text-decoration:none; } .ExternalClass .ecxattach img { border:none; padding-right:5px; } .ExternalClass .ecxattach label { display:block; } .ExternalClass .ecxattach label a { text-decoration:none; } .ExternalClass blockquote { } .ExternalClass .ecxbold { font-family:Arial; font-size:13px; font-weight:700; } .ExternalClass .ecxbold a { text-decoration:none; } .ExternalClass dd.ecxlast p a { font-family:Verdana; font-weight:700; } .ExternalClass dd.ecxlast p span { font-family:Verdana; font-weight:700; } .ExternalClass dd.ecxlast p span.ecxyshortcuts { } .ExternalClass div.ecxattach-table div div a { text-decoration:none; } .ExternalClass div.ecxattach-table { width:400px; } .ExternalClass div.ecxfile-title a, .ExternalClass div.ecxfile-title a:hover { text-decoration:none; } .ExternalClass div.ecxphoto-title a, .ExternalClass div.ecxphoto-title a:hover { text-decoration:none; } .ExternalClass div#ecxygrp-mlmsg #ecxygrp-msg p a span.ecxyshortcuts { font-family:Verdana; font-size:10px; font-weight:normal; } .ExternalClass .ecxgreen { color:#628c2a; } .ExternalClass .ecxMsoNormal { } .ExternalClass #ecxphotos div { width:72px; } .ExternalClass #ecxphotos div div { border:1px solid #666666; height:62px; overflow:hidden; width:62px; } .ExternalClass #ecxphotos div label { color:#666666; font-size:10px; overflow:hidden; text-align:center; white-space:nowrap; width:64px; } .ExternalClass #ecxreco-category { font-size:77%; } .ExternalClass #ecxreco-desc { font-size:77%; } .ExternalClass .ecxreplbq { } .ExternalClass #ecxygrp-actbar div a:first-child { padding-right:5px; } .ExternalClass #ecxygrp-mlmsg { font-size:13px; font-family:Arial, helvetica,clean, sans-serif; } .ExternalClass #ecxygrp-mlmsg table { font-size:inherit; font:100%; } .ExternalClass #ecxygrp-mlmsg select, .ExternalClass input, .ExternalClass textarea { font:99% Arial, Helvetica, clean, sans-serif; } .ExternalClass #ecxygrp-mlmsg pre, .ExternalClass code { font:115% monospace; } .ExternalClass #ecxygrp-mlmsg * { line-height:1.22em; } .ExternalClass #ecxygrp-mlmsg #ecxlogo { padding-bottom:10px; } .ExternalClass #ecxygrp-msg p a { font-family:Verdana; } .ExternalClass #ecxygrp-msg p#ecxattach-count span { color:#1E66AE; font-weight:700; } .ExternalClass #ecxygrp-reco #ecxreco-head { color:#ff7900; font-weight:700; } .ExternalClass #ecxygrp-reco { padding:0px; } .ExternalClass #ecxygrp-sponsor #ecxov li a { font-size:130%; text-decoration:none; } .ExternalClass #ecxygrp-sponsor #ecxov li { font-size:77%; list-style-type:square; padding:6px 0; } .ExternalClass #ecxygrp-sponsor #ecxov ul { padding:0 0 0 8px; } .ExternalClass #ecxygrp-text { font-family:Georgia; } .ExternalClass #ecxygrp-text p { } .ExternalClass #ecxygrp-text tt { font-size:120%; } .ExternalClass #ecxygrp-vital ul li:last-child { border-right:none !important; } -->
>
>
>
>
>
>

>

59. Re: Frequency Ranges

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-05 21:46:36 UTC
From: kingfish_stevens
Topic: 55 Message: 59

Extra filtering is correct. I just changed the description to reflect that. As for the frequency spread on those separate segments, I will have to ask about that.

Regards,
Ed Griffin
www.ImportCommunications.com

--- In X1M_QRP-Transceiver@yahoogroups.com, David Colburn <qrv@...> wrote:
>
> The ad can be confusing. It does continuous RX & TX 0.1 - 30MHz PLUS for some reason has additional Ham segments. Perhaps extra filtering there?
>
> Steve Rish <k8sar@...> wrote:
>
> ><!-- /* start of attachment style */ .ygrp-photo-title{ clear: both; font-size: smaller; height: 15px; overflow: hidden; text-align: center; width: 75px; } div.ygrp-photo{ background-position: center; background-repeat: no-repeat; background-color: white; border: 1px solid black; height: 62px; width: 62px; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div.attach-table div.attach-row { clear: both; } div.attach-table div.attach-row div { float: left; /* margin: 2px;*/ } p { clear: both; padding: 15px 0 3px 0; overflow: hidden; } div.ygrp-file { width: 30px; valign: middle; } div.attach-table div.attach-row div div a { text-decoration: none; } div.attach-table div.attach-row div div span { font-weight: normal; } div.ygrp-file-title { font-weight: bold; } /* end of attachment style */ --> <!-- .hmmessage P { margin:0px; padding:0px } body.hmmessage { font-size: 12pt; font-family:Calibri } -->
> >
> >The radio functions on these frequencies.
> >
> >
> >Steve Rish
> >
> >To: X1M_QRP-Transceiver@yahoogroups.com
> >From: buhler50@...
> >Date: Fri, 5 Apr 2013 19:53:16 +0000
> >Subject: [X1M_QRP-Transceiver] Frequency Ranges
> >
> >Â
> >
> >I notice that the ranges do not include 3.9-4.0 on 75 meters. Nor does it include 7.15-7.3 on 40 meters. These specs limit phone on these two bands. Is it possible these shortcomings will be addressed in a future update?
> >
> >Bruce
> >KD6DRU

> >Central California
> >
> >
> ><!-- .ExternalClass #ecxygrp-mkp { border:1px solid #d8d8d8; font-family:Arial;
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.ExternalClass #ecxygrp-mkp #ecxhd { color:#628c2a; font-size:85%; font-weight:700;
line-height:122%; } .ExternalClass #ecxygrp-mkp #ecxads { } .ExternalClass #ecxygrp-mkp
.ecxad { padding:0 0; } .ExternalClass #ecxygrp-mkp .ecxad p { } .ExternalClass
#ecxygrp-mkp .ecxad a { color:#0000ff; text-decoration:none; } .ExternalClass
#ecxygrp-sponsor #ecxygrp-lc { font-family:Arial; } .ExternalClass #ecxygrp-sponsor
#ecxygrp-lc #ecxhd { font-weight:700; font-size:78%; line-height:122%; } .ExternalClass
#ecxygrp-sponsor #ecxygrp-lc .ecxad { padding:0 0; } .ExternalClass #ecxactions {
font-family:Verdana; font-size:11px; padding:10px 0; } .ExternalClass #ecxactivity {
background-color:#e0ecee; font-family:Verdana; font-size:10px; padding:10px; }
.ExternalClass #ecxactivity span { font-weight:700; } .ExternalClass #ecxactivity
span:first-child { text-transform:uppercase; } .ExternalClass #ecxactivity span a {
color:#5085b6; text-decoration:none; } .ExternalClass #ecxactivity span span {
color:#ff7900; } .ExternalClass #ecxactivity span .ecxunderline {
text-decoration:underline; } .ExternalClass .ecxattach { clear:both; display:table;
font-family:Arial; font-size:12px; padding:10px 0; width:400px; } .ExternalClass
.ecxattach div a { text-decoration:none; } .ExternalClass .ecxattach img { border:none;
padding-right:5px; } .ExternalClass .ecxattach label { display:block; } .ExternalClass
.ecxattach label a { text-decoration:none; } .ExternalClass blockquote { } .ExternalClass
.ecxbold { font-family:Arial; font-size:13px; font-weight:700; } .ExternalClass .ecxbold a
{ text-decoration:none; } .ExternalClass dd.ecxlast p a { font-family:Verdana;
font-weight:700; } .ExternalClass dd.ecxlast p span { font-family:Verdana;
font-weight:700; } .ExternalClass dd.ecxlast p span.ecxyshortcuts { } .ExternalClass
div.ecxattach-table div div a { text-decoration:none; } .ExternalClass div.ecxattach-table
{ width:400px; } .ExternalClass div.ecxfile-title a, .ExternalClass div.ecxfile-title
a:hover { text-decoration:none; } .ExternalClass div.ecxphoto-title a, .ExternalClass
div.ecxphoto-title a:hover { text-decoration:none; } .ExternalClass div#ecxygrp-mlmsg
#ecxygrp-msg p a span.ecxyshortcuts { font-family:Verdana; font-size:10px;
font-weight:normal; } .ExternalClass .ecxgreen { color:#628c2a; } .ExternalClass
.ecxMsoNormal { } .ExternalClass #ecxphotos div { width:72px; } .ExternalClass #ecxphotos
div div { border:1px solid #666666; height:62px; overflow:hidden; width:62px; }
.ExternalClass #ecxphotos div label { color:#666666; font-size:10px; overflow:hidden;
text-align:center; white-space:nowrap; width:64px; } .ExternalClass #ecxreco-category {
font-size:77%; } .ExternalClass #ecxreco-desc { font-size:77%; } .ExternalClass .ecxreplbq
{ } .ExternalClass #ecxygrp-actbar div a:first-child { padding-right:5px; } .ExternalClass
#ecxygrp-mlmsg { font-size:13px; font-family:Arial, helvetica,clean, sans-serif; }
.ExternalClass #ecxygrp-mlmsg table { font-size:inherit; font:100%; } .ExternalClass
#ecxygrp-mlmsg select, .ExternalClass input, .ExternalClass textarea { font:99% Arial,
Helvetica, clean, sans-serif; } .ExternalClass #ecxygrp-mlmsg pre, .ExternalClass code {
font:115% monospace; } .ExternalClass #ecxygrp-mlmsg * { line-height:1.22em; }
.ExternalClass #ecxygrp-mlmsg #ecxlogo { padding-bottom:10px; } .ExternalClass
#ecxygrp-msg p a { font-family:Verdana; } .ExternalClass #ecxygrp-msg p#ecxattach-count
span { color:#1E66AE; font-weight:700; } .ExternalClass #ecxygrp-reco #ecxreco-head {
color:#ff7900; font-weight:700; } .ExternalClass #ecxygrp-reco { padding:0px; }
.ExternalClass #ecxygrp-sponsor #ecxov li a { font-size:130%; text-decoration:none; }
.ExternalClass #ecxygrp-sponsor #ecxov li { font-size:77%; list-style-type:square;

padding:6px 0; } .ExternalClass #ecxygrp-sponsor #ecxov ul { padding:0 0 0 8px; }
.ExternalClass #ecxygrp-text { font-family:Georgia; } .ExternalClass #ecxygrp-text p { }
.ExternalClass #ecxygrp-text tt { font-size:120%; } .ExternalClass #ecxygrp-vital ul
li:last-child { border-right:none !important; } -->
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60. Re: Frequency Ranges

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-06 17:13:56 UTC
From: Bruce Buhler
Topic: 55 Message: 60

So does that mean the radio has continuous TX and TX between the designated limits, but also has 5 filter ranges B1, B2, B3, B4 and B5 for the 5 specific ham bands? Operation on 12, 17 and 30 meters is therefore also permitted?

I hope I now understand the M1X frequency capability.

My small radio is an SG2020 capable of up to 20 watts. The FT817 is only marginally smaller so an even smaller radio is of interest to me.

Definitely this radio represents appreciated size and price innovation and I look forward to practical experiences and technical reviews from those who have purchased and received this interesting radio.

Bruce,
KD6DRU

--- In X1M_QRP-Transceiver@yahoogroups.com, "kingfish_stevens" <ed@...> wrote:
>
> Extra filtering is correct. I just changed the description to reflect that. As for the frequency spread on those separate segments, I will have to ask about that.
>
> Regards,
> Ed Griffin
> www.ImportCommunications.com
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, David Colburn <qrv@> wrote:
> >
> > The ad can be confusing. It does continuous RX & TX 0.1 - 30MHz PLUS for some reason has additional Ham segments. Perhaps extra filtering there?
> >
> > Steve Rish <k8sar@> wrote:
> >
> > ><!-- /* start of attachment style */ .ygrp-photo-title{ clear: both; font-size: smaller; height: 15px; overflow: hidden; text-align: center; width: 75px; } div.ygrp-photo{ background-position: center; background-repeat: no-repeat; background-color: white; border: 1px solid black; height: 62px; width: 62px; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div.attach-table div.attach-row { clear: both; } div.attach-table div.attach-row div { float: left; /* margin: 2px;*/ } p { clear: both; padding: 15px 0 3px 0; overflow: hidden; } div.ygrp-file { width: 30px; valign: middle; } div.attach-table div.attach-row div div a { text-decoration: none; } div.attach-table div.attach-row div div span { font-weight: normal; } div.ygrp-file-title { font-weight: bold; } /* end of attachment style */ --> <!-- .hmmessage P { margin:0px; padding:0px } body.hmmessage { font-size: 12pt; font-family:Calibri } -->
> > >

> > >The radio functions on these frequencies.
> > >
> > >
> > >Steve Rish
> > >
> > >To: X1M_QRP-Transceiver@yahoogroups.com
> > >From: buhler50@
> > >Date: Fri, 5 Apr 2013 19:53:16 +0000
> > >Subject: [X1M_QRP-Transceiver] Frequency Ranges
> > >
> > >Â
> > >
> > >I notice that the ranges do not include 3.9-4.0 on 75 meters. Nor does it include 7.15-7.3 on 40 meters. These specs limit phone on these two bands. Is it possible these shortcomings will be addressed in a future update?
> > >
> > >Bruce
> > >KD6DRU
> > >Central California
> > >
> > >
> > ><!-- .ExternalClass #ecxygrp-mkp { border:1px solid #d8d8d8; font-family:Arial; padding:0 10px; } .ExternalClass #ecxygrp-mkp hr { border:1px solid #d8d8d8; } .ExternalClass #ecxygrp-mkp #ecxhd { color:#628c2a; font-size:85%; font-weight:700; line-height:122%; } .ExternalClass #ecxygrp-mkp #ecxads { } .ExternalClass #ecxygrp-mkp .ecxad { padding:0 0; } .ExternalClass #ecxygrp-mkp .ecxad p { } .ExternalClass #ecxygrp-mkp .ecxad a { color:#0000ff; text-decoration:none; } .ExternalClass #ecxygrp-sponsor #ecxygrp-lc { font-family:Arial; } .ExternalClass #ecxygrp-sponsor #ecxygrp-lc #ecxhd { font-weight:700; font-size:78%; line-height:122%; } .ExternalClass #ecxygrp-sponsor #ecxygrp-lc .ecxad { padding:0 0; } .ExternalClass #ecxactions { font-family:Verdana; font-size:11px; padding:10px 0; } .ExternalClass #ecxactivity { background-color:#e0ecee; font-family:Verdana; font-size:10px; padding:10px; } .ExternalClass #ecxactivity span { font-weight:700; } .ExternalClass #ecxactivity span:first-child { text-transform:uppercase; } .ExternalClass #ecxactivity span a { color:#5085b6; text-decoration:none; } .ExternalClass #ecxactivity span span { color:#ff7900; } .ExternalClass #ecxactivity span .ecxunderline { text-decoration:underline; } .ExternalClass .ecxattach { clear:both; display:table; font-family:Arial; font-size:12px; padding:10px 0; width:400px; } .ExternalClass .ecxattach div a { text-decoration:none; } .ExternalClass .ecxattach img { border:none; padding-right:5px; } .ExternalClass .ecxattach label { display:block; } .ExternalClass .ecxattach label a { text-decoration:none; } .ExternalClass blockquote { } .ExternalClass .ecxbold { font-family:Arial; font-size:13px; font-weight:700; } .ExternalClass .ecxbold a { text-decoration:none; } .ExternalClass dd.ecxlast p a { font-family:Verdana; font-weight:700; } .ExternalClass dd.ecxlast p span { font-family:Verdana; font-weight:700; } .ExternalClass dd.ecxlast p span.ecxyshortcuts { } .ExternalClass div.ecxattach-table div div a { text-decoration:none; } .ExternalClass div.ecxattach-table { width:400px; } .ExternalClass div.ecxfile-title a, .ExternalClass div.ecxfile-title a:hover { text-decoration:none; } .ExternalClass div.ecxphoto-title a, .ExternalClass div.ecxphoto-title a:hover { text-decoration:none; } .ExternalClass div#ecxygrp-mlmsg #ecxygrp-msg p a span.ecxyshortcuts { font-family:Verdana; font-size:10px;

font-weight:normal; } .ExternalClass .ecxgreen { color:#628c2a; } .ExternalClass .ecxMsoNormal { } .ExternalClass #ecxphotos div { width:72px; } .ExternalClass #ecxphotos div div { border:1px solid #666666; height:62px; overflow:hidden; width:62px; } .ExternalClass #ecxphotos div label { color:#666666; font-size:10px; overflow:hidden; text-align:center; white-space:nowrap; width:64px; } .ExternalClass #ecxreco-category { font-size:77%; } .ExternalClass #ecxreco-desc { font-size:77%; } .ExternalClass .ecxreplbq { } .ExternalClass #ecxygrp-actbar div a:first-child { padding-right:5px; } .ExternalClass #ecxygrp-mlmsg { font-size:13px; font-family:Arial, helvetica,clean, sans-serif; } .ExternalClass #ecxygrp-mlmsg table { font-size:inherit; font:100%; } .ExternalClass #ecxygrp-mlmsg select, .ExternalClass input, .ExternalClass textarea { font:99% Arial, Helvetica, clean, sans-serif; } .ExternalClass #ecxygrp-mlmsg pre, .ExternalClass code { font:115% monospace; } .ExternalClass #ecxygrp-mlmsg * { line-height:1.22em; } .ExternalClass #ecxygrp-mlmsg #ecxlogo { padding-bottom:10px; } .ExternalClass #ecxygrp-msg p a { font-family:Verdana; } .ExternalClass #ecxygrp-msg p#ecxattach-count span { color:#1E66AE; font-weight:700; } .ExternalClass #ecxygrp-reco #ecxreco-head { color:#ff7900; font-weight:700; } .ExternalClass #ecxygrp-reco { padding:0px; } .ExternalClass #ecxygrp-sponsor #ecxov li a { font-size:130%; text-decoration:none; } .ExternalClass #ecxygrp-sponsor #ecxov li { font-size:77%; list-style-type:square; padding:6px 0; } .ExternalClass #ecxygrp-sponsor #ecxov ul { padding:0 0 0 8px; } .ExternalClass #ecxygrp-text { font-family:Georgia; } .ExternalClass #ecxygrp-text p { } .ExternalClass #ecxygrp-text tt { font-size:120%; } .ExternalClass #ecxygrp-vital ul li:last-child { border-right:none !important; } -->
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61. Re: [X1M_QRP-Transceiver] Re: Frequency Ranges

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-06 17:20:51 UTC
From: qrv@kd4e.com
Topic: 55 Message: 61

It appears so, yes.

Also, word is of this 5w rig, followed by a 20w rig, then
supplemented with a 125w external amp. That would be clever
market positioning.

> So does that mean the radio has continuous TX and TX between the
> designated limits, but also has 5 filter ranges B1, B2, B3, B4 and B5
> for the 5 specific ham bands? Operation on 12, 17 and 30 meters is
> therefore also permitted?
>
> I hope I now understand the M1X frequency capability.
>
> My small radio is an SG2020 capable of up to 20 watts. The FT817 is
> only marginally smaller so an even smaller radio is of interest to
> me.
>
> Definitely this radio represents appreciated size and price
> innovation and I look forward to practical experiences and technical
> reviews from those who have purchased and received this interesting
> radio.
>
> Bruce, KD6DRU
>>
>> Extra filtering is correct. I just changed the description to
>> reflect that. As for the frequency spread on those separate
>> segments, I will have to ask about that.
>>
>> Regards, Ed Griffin www.ImportCommunications.com
>>>
>>> The ad can be confusing. It does continuous RX & TX 0.1 - 30MHz
>>> PLUS for some reason has additional Ham segments. Perhaps extra
>>> filtering there?

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

62. Re: Frequency Ranges

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-06 17:23:03 UTC
From: kingfish_stevens
Topic: 55 Message: 62

Yes, TX on all ham bands and MARS frequencies via the main VFO. The 5 dedicated bands are separate and have optimized filtering. I don't know if the limits of the dedicated bands can be changed or not. Even if the limits can be changed via firmware, I'm not sure how that would interact with the filtering. I have asked the factory about this.

Regards,
Ed Griffin
www.ImportCommunications.com

--- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce Buhler" <buhler50@...> wrote:
>
> So does that mean the radio has continuous TX and TX between the designated limits, but also has 5 filter ranges B1, B2, B3, B4 and B5 for the 5 specific ham bands? Operation on 12, 17 and 30 meters is therefore also permitted?
>
> I hope I now understand the M1X frequency capability.
>
> My small radio is an SG2020 capable of up to 20 watts. The FT817 is only marginally smaller so an even smaller radio is of interest to me.
>
> Definitely this radio represents appreciated size and price innovation and I look forward to practical experiences and technical reviews from those who have purchased and received this interesting radio.
>
> Bruce,
> KD6DRU
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "kingfish_stevens" <ed@> wrote:
> >
> > Extra filtering is correct. I just changed the description to reflect that. As for the frequency spread on those separate segments, I will have to ask about that.
> >
> > Regards,
> > Ed Griffin
> > www.ImportCommunications.com
> >
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, David Colburn <qrv@> wrote:
> > >
> > > The ad can be confusing. It does continuous RX & TX 0.1 - 30MHz PLUS for some reason has additional Ham segments. Perhaps extra filtering there?
> > >
> > > Steve Rish <k8sar@> wrote:
> > >
> > > ><!-- /* start of attachment style */ .ygrp-photo-title{ clear: both; font-size:

smaller; height: 15px; overflow: hidden; text-align: center; width: 75px; }
div.ygrp-photo{ background-position: center; background-repeat: no-repeat;
background-color: white; border: 1px solid black; height: 62px; width: 62px; }
div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title
a:visited { text-decoration: none; } div.attach-table div.attach-row { clear: both; }
div.attach-table div.attach-row div { float: left; /* margin: 2px;*/ } p { clear: both;
padding: 15px 0 3px 0; overflow: hidden; } div.ygrp-file { width: 30px; valign: middle; }
div.attach-table div.attach-row div div a { text-decoration: none; } div.attach-table
div.attach-row div div span { font-weight: normal; } div.ygrp-file-title { font-weight:
bold; } /* end of attachment style */ --> <!-- .hmmessage P { margin:0px; padding:0px }
body.hmmessage { font-size: 12pt; font-family:Calibri } -->
> > > >
> > > >The radio functions on these frequencies.
> > > >
> > > >
> > > >Steve Rish
> > > >
> > > >To: X1M_QRP-Transceiver@yahoogroups.com
> > > >From: buhler50@
> > > >Date: Fri, 5 Apr 2013 19:53:16 +0000
> > > >Subject: [X1M_QRP-Transceiver] Frequency Ranges
> > > >
> > > >Â
> > > >
> > > >I notice that the ranges do not include 3.9-4.0 on 75 meters. Nor does it include
7.15-7.3 on 40 meters. These specs limit phone on these two bands. Is it possible these
shortcomings will be addressed in a future update?
> > > >
> > > >Bruce
> > > >KD6DRU
> > > >Central California
> > > >
> > > >
> > > ><!-- .ExternalClass #ecxygrp-mkp { border:1px solid #d8d8d8; font-family:Arial;
padding:0 10px; } .ExternalClass #ecxygrp-mkp hr { border:1px solid #d8d8d8; }
.ExternalClass #ecxygrp-mkp #ecxhd { color:#628c2a; font-size:85%; font-weight:700;
line-height:122%; } .ExternalClass #ecxygrp-mkp #ecxads { } .ExternalClass #ecxygrp-mkp
.ecxad { padding:0 0; } .ExternalClass #ecxygrp-mkp .ecxad p { } .ExternalClass
#ecxygrp-mkp .ecxad a { color:#0000ff; text-decoration:none; } .ExternalClass
#ecxygrp-sponsor #ecxygrp-lc { font-family:Arial; } .ExternalClass #ecxygrp-sponsor
#ecxygrp-lc #ecxhd { font-weight:700; font-size:78%; line-height:122%; } .ExternalClass
#ecxygrp-sponsor #ecxygrp-lc .ecxad { padding:0 0; } .ExternalClass #ecxactions {
font-family:Verdana; font-size:11px; padding:10px 0; } .ExternalClass #ecxactivity {
background-color:#e0ecee; font-family:Verdana; font-size:10px; padding:10px; }
.ExternalClass #ecxactivity span { font-weight:700; } .ExternalClass #ecxactivity
span:first-child { text-transform:uppercase; } .ExternalClass #ecxactivity span a {
color:#5085b6; text-decoration:none; } .ExternalClass #ecxactivity span span {
color:#ff7900; } .ExternalClass #ecxactivity span .ecxunderline {
text-decoration:underline; } .ExternalClass .ecxattach { clear:both; display:table;
font-family:Arial; font-size:12px; padding:10px 0; width:400px; } .ExternalClass
.ecxattach div a { text-decoration:none; } .ExternalClass .ecxattach img { border:none;

padding-right:5px; } .ExternalClass .ecxattach label { display:block; } .ExternalClass .ecxattach label a { text-decoration:none; } .ExternalClass blockquote { } .ExternalClass .ecxbold { font-family:Arial; font-size:13px; font-weight:700; } .ExternalClass .ecxbold a { text-decoration:none; } .ExternalClass dd.ecxlast p a { font-family:Verdana; font-weight:700; } .ExternalClass dd.ecxlast p span { font-family:Verdana; font-weight:700; } .ExternalClass dd.ecxlast p span.ecxyshortcuts { } .ExternalClass div.ecxattach-table div div a { text-decoration:none; } .ExternalClass div.ecxattach-table { width:400px; } .ExternalClass div.ecxfile-title a, .ExternalClass div.ecxfile-title a:hover { text-decoration:none; } .ExternalClass div.ecxphoto-title a, .ExternalClass div.ecxphoto-title a:hover { text-decoration:none; } .ExternalClass div#ecxygrp-mlmsg #ecxygrp-msg p a span.ecxyshortcuts { font-family:Verdana; font-size:10px; font-weight:normal; } .ExternalClass .ecxgreen { color:#628c2a; } .ExternalClass .ecxMsoNormal { } .ExternalClass #ecxphotos div { width:72px; } .ExternalClass #ecxphotos div div { border:1px solid #666666; height:62px; overflow:hidden; width:62px; } .ExternalClass #ecxphotos div label { color:#666666; font-size:10px; overflow:hidden; text-align:center; white-space:nowrap; width:64px; } .ExternalClass #ecxreco-category { font-size:77%; } .ExternalClass #ecxreco-desc { font-size:77%; } .ExternalClass .ecxreplbq { } .ExternalClass #ecxygrp-actbar div a:first-child { padding-right:5px; } .ExternalClass #ecxygrp-mlmsg { font-size:13px; font-family:Arial, helvetica,clean, sans-serif; } .ExternalClass #ecxygrp-mlmsg table { font-size:inherit; font:100%; } .ExternalClass #ecxygrp-mlmsg select, .ExternalClass input, .ExternalClass textarea { font:99% Arial, Helvetica, clean, sans-serif; } .ExternalClass #ecxygrp-mlmsg pre, .ExternalClass code { font:115% monospace; } .ExternalClass #ecxygrp-mlmsg * { line-height:1.22em; } .ExternalClass #ecxygrp-mlmsg #ecxlogo { padding-bottom:10px; } .ExternalClass #ecxygrp-msg p a { font-family:Verdana; } .ExternalClass #ecxygrp-msg p#ecxattach-count span { color:#1E66AE; font-weight:700; } .ExternalClass #ecxygrp-reco #ecxreco-head { color:#ff7900; font-weight:700; } .ExternalClass #ecxygrp-reco { padding:0px; } .ExternalClass #ecxygrp-sponsor #ecxov li a { font-size:130%; text-decoration:none; } .ExternalClass #ecxygrp-sponsor #ecxov li { font-size:77%; list-style-type:square; padding:6px 0; } .ExternalClass #ecxygrp-sponsor #ecxov ul { padding:0 0 0 8px; } .ExternalClass #ecxygrp-text { font-family:Georgia; } .ExternalClass #ecxygrp-text p { } .ExternalClass #ecxygrp-text tt { font-size:120%; } .ExternalClass #ecxygrp-vital ul li:last-child { border-right:none !important; } -->
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63. Linux-based remote rig operation?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-06 17:22:53 UTC
From: qrv@kd4e.com
Topic: 63 Message: 63

Q: Is there a Linux-based app for remote rig operation via
the Internet, a long cable, and/or RF-link e.g. 220, 900MHz,
or http://broadband-hamnet.org ?

Many Hams have switched to Linux for reasons of customization,
use of older PC's, Raspberry Pi's & others, & cost.

In emcomm is it often difficult to position effective HF
antennas close to the EOC or other command & control location.

If a rig like this could be remote-sited and remote-operated
that would be really handy.

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

64. Re: Frequency Ranges

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-06 17:30:11 UTC
From: kingfish_stevens
Topic: 55 Message: 64

Not exactly. The 20 watt rig is being developed but will not be in production until the end of the year. A companion 100w amp and auto-tuner are planned but will most likely come some months later. This is a small company guys so don't expect too much to quickly.

Regards,
Ed Griffin
www.ImportCommunications.com

--- In X1M_QRP-Transceiver@yahoogroups.com, "qrv@..." <qrv@...> wrote:
>
> It appears so, yes.
>
> Also, word is of this 5w rig, followed by a 20w rig, then
> supplemented with a 125w external amp. That would be clever
> market positioning.
>
>
> > So does that mean the radio has continuous TX and TX between the
> > designated limits, but also has 5 filter ranges B1, B2, B3, B4 and B5
> > for the 5 specific ham bands? Operation on 12, 17 and 30 meters is
> > therefore also permitted?
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> > Definitely this radio represents appreciated size and price
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> > reviews from those who have purchased and received this interesting
> > radio.
> >
> > Bruce, KD6DRU
> >>
> >> Extra filtering is correct. I just changed the description to
> >> reflect that. As for the frequency spread on those separate
> >> segments, I will have to ask about that.
> >>
> >> Regards, Ed Griffin www.ImportCommunications.com
> >>>
> >>> The ad can be confusing. It does continuous RX & TX 0.1 - 30MHz
> >>> PLUS for some reason has additional Ham segments. Perhaps extra
> >>> filtering there?
>

>
>
> --
>
> Thanks! & 73, KD4E.com
> David Colburn nevils-station.com
> I don't google I SEARCH! duckduckgo.com
> Network: groups.yahoo.com/group/qrv
> Restored to design-spec at Heaven's gate 1Cor15:22
>

65. Re: [X1M_QRP-Transceiver] Re: Frequency Ranges

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-06 17:57:42 UTC
From: qrv@kd4e.com
Topic: 55 Message: 65

It's fun to look ahead!

Sure wish TenTec would team with TI and do something like this.

If they can relocate Raspberry Pi manufacturing to Britian and
remain cost-effective surely the US could reclaim some high-
tech manufacturing as well.

Sigh.

> Not exactly. The 20 watt rig is being developed but will not be in
> production until the end of the year. A companion 100w amp and
> auto-tuner are planned but will most likely come some months later.
> This is a small company guys so don't expect too much to quickly.
>
> Regards, Ed Griffin www.ImportCommunications.com

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

66. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-06 20:21:27 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 66

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /X1M English Manual.pdf
Uploaded by : kingfish_stevens <ed@...>
Description : X1M English Manual

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/X1M%20English%20Manual.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kingfish_stevens <ed@...>

67. Big Brother - X1MKII

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-06 20:36:43 UTC
From: john_k3nxu
Topic: 67 Message: 67

Look what I found...
Could this be big brother?

http://www.cqdx.ru/ham/qro-qrp/chinese-diy-qrp-hf-transceiver-x1mkii/

John K3NXU

68. Re: [X1M_QRP-Transceiver] Big Brother - X1MKII

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-06 20:53:40 UTC
From: 4X1UF Israel Lavee
Topic: 67 Message: 68
Attachments: 1 described; binary payloads are missing from this source WARC

looks great, I must admit... where I can buy it?

*Extra Class, Active ham since October 1964, QCWA # 35058, member of SKCC, *
mail: ham.4x1uf@gmail.com, Skype: ham4x1uf
[image: http://www.cwops.org/images/cqcani.gif]
73,
Izzy 4X1UF

On Sat, Apr 6, 2013 at 11:36 PM, john_k3nxu <johnla@adelphia.net> wrote:

> **
>
>
> Look what I found...
> Could this be big brother?
>
> http://www.cqdx.ru/ham/qro-qrp/chinese-diy-qrp-hf-transceiver-x1mkii/
>
> John K3NXU
>
>
>

69. Re: [X1M_QRP-Transceiver] Big Brother - X1MKII

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-06 20:54:38 UTC
From: qrv@kd4e.com
Topic: 67 Message: 69

A partial kit version - but that's cool!

> looks great, I must admit... where I can buy it?
>
> *Extra Class, Active ham since October 1964, QCWA # 35058, member of
> SKCC, * *mail: ham.4x1uf@... <mailto:ham.4x1uf@...>,
> Skype:ham4x1uf* *http://www.cwops.org/images/cqcani.gif____* *73,*
> *Izzy 4X1UF*
>
> Look what I found... Could this be big brother?
>
> http://www.cqdx.ru/ham/qro-qrp/chinese-diy-qrp-hf-transceiver-x1mkii/
>
> John K3NXU

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

70. RE: [X1M_QRP-Transceiver] Big Brother - X1MKII

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-06 20:59:33 UTC
From: Steve Rish
Topic: 67 Message: 70

This is one of the prototypes for the X1M second generation now referred to as MKII which (as Ed has mentioned) should be available around year end or early next year.

73,

Steve

> To: X1M_QRP-Transceiver@yahoogroups.com
> From: qrv@...
> Date: Sat, 6 Apr 2013 16:54:38 -0400
> Subject: Re: [X1M_QRP-Transceiver] Big Brother - X1MKII
>
> A partial kit version - but that's cool!
>
>
> > looks great, I must admit... where I can buy it?
> >
> > *Extra Class, Active ham since October 1964, QCWA # 35058, member of
> > SKCC, * *mail: ham.4x1uf@... <mailto:ham.4x1uf@...>,
> > Skype:ham4x1uf* *http://www.cwops.org/images/cqcani.gif____* *73,*
> > *Izzy 4X1UF*
> >
> > Look what I found... Could this be big brother?
> >
> > http://www.cqdx.ru/ham/qro-qrp/chinese-diy-qrp-hf-transceiver-x1mkii/
> >
> > John K3NXU
>
> --
>
> Thanks! & 73, KD4E.com
> David Colburn nevils-station.com
> I don't google I SEARCH! duckduckgo.com
> Network: groups.yahoo.com/group/qrv
> Restored to design-spec at Heaven's gate 1Cor15:22
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

71. Re: [X1M_QRP-Transceiver] Big Brother - X1MKII

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-06 21:23:44 UTC
From: qrv@kd4e.com
Topic: 67 Message: 71

You mean we have to wait until NEXT YEAR?

"Mommy, mommy!" he hollered, "Steve said the WAIT word!"

How could you suggest such a thing?! ;-)

> *This is one of the prototypes for the X1M second generation now
> referred to as MKII which (as Ed has mentioned) should be available
> around year end or early next year.
>
> 73,
> *
>
> *Steve *

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

72. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-07 14:24:55 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 72

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /X1M_English_Manual_v2.pdf
Uploaded by : kingfish_stevens <ed@...>
Description : X1M English Manual v2

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/X1M_English_Manual_v2.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kingfish_stevens <ed@...>

73. x1m manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-08 04:22:49 UTC
From: Juan Lamboy
Topic: 73 Message: 73

Hello,
Just ordered a X1M in kit form. Does anyone know if there's a kit manual written in English yet?

Juan AD4IM

74. New poll for X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-08 13:25:44 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 24 Message: 74

Enter your vote today! A new poll has been created for the
X1M_QRP-Transceiver group:

Need every member's input on this poll as quickly as possible
please. Antenna connectors on Chinese radios seem to use
metric threads that do not mate well with US PL259 connectors.
They will only screw on part way and have that cross-threaded
feeling. Which connector would you prefer?
Thanks, Import Communications

o Chinese SO239 even if metric threaded
o BNC Female that accepts our common push & twist BNC male connector
o Absolutely not the BNC

To vote, please visit the following web page:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/surveys?id=3138500

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

75. Antenna Connector - Poll Options?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-08 13:35:51 UTC
From: qrv@kd4e.com
Topic: 75 Message: 75

o Chinese SO239 even if metric threaded
o BNC Female that accepts our common push & twist BNC male connector
o Absolutely not the BNC

There are two missing alternatives:

() Standard SO-239

() N-Connector

In order of preference I'd prefer Standard SO-239, then BNC Female,
then N, then Chinese/Metric SO-239.

IMHO, YMMV ... :-)

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

76. RE: [X1M_QRP-Transceiver] x1m manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-08 14:07:28 UTC
From: Bruce Fenstermacher
Topic: 73 Message: 76

Ed at Import communications just finished his translation. Here is the
link: http://wouxun.us/Manuals/X1M_English_Manual_v2.pdf

Hope you enjoy yours. Am on a list for one too.

Bruce KU1Y

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Juan Lamboy
Sent: Sunday, April 07, 2013 9:23 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] x1m manual

Hello,
Just ordered a X1M in kit form. Does anyone know if there's a kit manual
written in English yet?

Juan AD4IM

77. Re: [X1M_QRP-Transceiver] Antenna Connector - Poll Options?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-08 20:15:31 UTC
From: George Allen
Topic: 75 Message: 77

I don't care, since it is an way job to put what I want on it. Take 10 minutes.

On Apr 8, 2013, at 8:35 AM, "qrv@..." <qrv@...> wrote:

> o Chinese SO239 even if metric threaded
> o BNC Female that accepts our common push & twist BNC male connector
> o Absolutely not the BNC
>
> There are two missing alternatives:
>
> () Standard SO-239
>
> () N-Connector
>
> In order of preference I'd prefer Standard SO-239, then BNC Female,
> then N, then Chinese/Metric SO-239.
>
> IMHO, YMMV ... :-)
>
>
> --
>
> Thanks! & 73, KD4E.com
> David Colburn nevils-station.com
> I don't google I SEARCH! duckduckgo.com
> Network: groups.yahoo.com/group/qrv
> Restored to design-spec at Heaven's gate 1Cor15:22
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

78. Re: [X1M_QRP-Transceiver] Antenna Connector - Poll Options?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-08 20:16:56 UTC
From: qrv@kd4e.com
Topic: 75 Message: 78

George,

Great point ... of source the musical question is ...
did they leave you any room to work in there?

David

> I don't care, since it is an way job to put what I want on it. Take 10 minutes.
>
> On Apr 8, 2013, at 8:35 AM, "qrv@..." <qrv@...> wrote:
>
>> o Chinese SO239 even if metric threaded
>> o BNC Female that accepts our common push & twist BNC male connector
>> o Absolutely not the BNC
>>
>> There are two missing alternatives:
>>
>> () Standard SO-239
>>
>> () N-Connector
>>
>> In order of preference I'd prefer Standard SO-239, then BNC Female,
>> then N, then Chinese/Metric SO-239.
>>
>> IMHO, YMMV ... :-)

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

79. Re: [X1M_QRP-Transceiver] Antenna Connector - Poll Options?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-08 20:40:19 UTC
From: George Allen
Topic: 75 Message: 79

I really must shut off my auto spell check. Look how it changes words it does not know. Like shift. And fudge. And fort. This is fun! I meant to say, it is an EASY job. I just want the radio.

On Apr 8, 2013, at 3:16 PM, "qrv@..." <qrv@...> wrote:

> George,
>
> Great point ... of source the musical question is ...
> did they leave you any room to work in there?
>
> David
>
>> I don't care, since it is an way job to put what I want on it. Take 10 minutes.
>>
>> On Apr 8, 2013, at 8:35 AM, "qrv@kd4e.com" <qrv@...> wrote:
>>
>>> o Chinese SO239 even if metric threaded
>>> o BNC Female that accepts our common push & twist BNC male connector
>>> o Absolutely not the BNC
>>>
>>> There are two missing alternatives:
>>>
>>> () Standard SO-239
>>>
>>> () N-Connector
>>>
>>> In order of preference I'd prefer Standard SO-239, then BNC Female,
>>> then N, then Chinese/Metric SO-239.
>>>
>>> IMHO, YMMV ... :-)
>
>
>
> --
>
> Thanks! & 73, KD4E.com
> David Colburn nevils-station.com
> I don't google I SEARCH! duckduckgo.com
> Network: groups.yahoo.com/group/qrv
> Restored to design-spec at Heaven's gate 1Cor15:22
>
>
> ------------------------------------
>

> Yahoo! Groups Links
>
>
>

80. Re: [X1M_QRP-Transceiver] Antenna Connector - Poll Options?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-08 21:59:40 UTC
From: Howard Small
Topic: 75 Message: 80

Are there really two different threads on SO/PL 239?

Howard
VK4BS

On 08/04/2013, at 23:35, "qrv@..." <qrv@...> wrote:

> o Chinese SO239 even if metric threaded
> o BNC Female that accepts our common push & twist BNC male connector
> o Absolutely not the BNC
>
> There are two missing alternatives:
>
> () Standard SO-239
>
> () N-Connector
>
> In order of preference I'd prefer Standard SO-239, then BNC Female,
> then N, then Chinese/Metric SO-239.
>
> IMHO, YMMV ... :-)
>
> --
>
> Thanks! & 73, KD4E.com
> David Colburn nevils-station.com
> I don't google I SEARCH! duckduckgo.com
> Network: groups.yahoo.com/group/qrv
> Restored to design-spec at Heaven's gate 1Cor15:22
>

81. Warranty and repair service

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-08 23:52:00 UTC
From: disklog
Topic: 81 Message: 81

I was just wondering if there is any warranty on these radios and/or if they need service who would repair and where would the service be done?
Thank you.

82. Re: Frequency Ranges

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 00:09:09 UTC
From: ac2rf
Topic: 55 Message: 82

I hope it does because it would be nice to expand where that filtering is. Looking closely the frequency segments closely resemble the primary allocations in the ITU Region 3 band plan.

73

--- In X1M_QRP-Transceiver@yahoogroups.com, "kingfish_stevens" <ed@...> wrote:
>
> Yes, TX on all ham bands and MARS frequencies via the main VFO. The 5 dedicated bands are separate and have optimized filtering. I don't know if the limits of the dedicated bands can be changed or not. Even if the limits can be changed via firmware, I'm not sure how that would interact with the filtering. I have asked the factory about this.
>
> Regards,
> Ed Griffin
> www.ImportCommunications.com
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce Buhler" <buhler50@> wrote:
> >
> > So does that mean the radio has continuous TX and TX between the designated limits, but also has 5 filter ranges B1, B2, B3, B4 and B5 for the 5 specific ham bands? Operation on 12, 17 and 30 meters is therefore also permitted?
> >
> > I hope I now understand the M1X frequency capability.
> >
> > My small radio is an SG2020 capable of up to 20 watts. The FT817 is only marginally smaller so an even smaller radio is of interest to me.
> >
> > Definitely this radio represents appreciated size and price innovation and I look forward to practical experiences and technical reviews from those who have purchased and received this interesting radio.
> >
> > Bruce,
> > KD6DRU
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "kingfish_stevens" <ed@> wrote:
> > >
> > > Extra filtering is correct. I just changed the description to reflect that. As for the frequency spread on those separate segments, I will have to ask about that.
> > >
> > > Regards,
> > > Ed Griffin
> > > www.ImportCommunications.com
> > >

> > >
> > > --- In X1M_QRP-Transceiver@yahoogroups.com, David Colburn <qrv@> wrote:
> > > >
> > > > The ad can be confusing. It does continuous RX & TX 0.1 - 30MHz PLUS for some reason has additional Ham segments. Perhaps extra filtering there?
> > > >
> > > > Steve Rish <k8sar@> wrote:
> > > >
> > > > ><!-- /* start of attachment style */ .ygrp-photo-title{ clear: both; font-size: smaller; height: 15px; overflow: hidden; text-align: center; width: 75px; } div.ygrp-photo{ background-position: center; background-repeat: no-repeat; background-color: white; border: 1px solid black; height: 62px; width: 62px; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div.attach-table div.attach-row { clear: both; } div.attach-table div.attach-row div { float: left; /* margin: 2px;*/ } p { clear: both; padding: 15px 0 3px 0; overflow: hidden; } div.ygrp-file { width: 30px; valign: middle; } div.attach-table div.attach-row div div a { text-decoration: none; } div.attach-table div.attach-row div div span { font-weight: normal; } div.ygrp-file-title { font-weight: bold; } /* end of attachment style */ --> <!-- .hmmessage P { margin:0px; padding:0px } body.hmmessage { font-size: 12pt; font-family:Calibri } -->
> > > > >
> > > > >The radio functions on these frequencies.
> > > > >
> > > > >
> > > > >Steve Rish
> > > > >
> > > > >To: X1M_QRP-Transceiver@yahoogroups.com
> > > > >From: buhler50@
> > > > >Date: Fri, 5 Apr 2013 19:53:16 +0000
> > > > >Subject: [X1M_QRP-Transceiver] Frequency Ranges
> > > > >
> > > > >Â
> > > > >
> > > > >I notice that the ranges do not include 3.9-4.0 on 75 meters. Nor does it include 7.15-7.3 on 40 meters. These specs limit phone on these two bands. Is it possible these shortcomings will be addressed in a future update?
> > > > >
> > > > >Bruce
> > > > >KD6DRU
> > > > >Central California
> > > > >
> > > > >
> > > > ><!-- .ExternalClass #ecxygrp-mkp { border:1px solid #d8d8d8; font-family:Arial; padding:0 10px; } .ExternalClass #ecxygrp-mkp hr { border:1px solid #d8d8d8; } .ExternalClass #ecxygrp-mkp #ecxhd { color:#628c2a; font-size:85%; font-weight:700; line-height:122%; } .ExternalClass #ecxygrp-mkp #ecxads { } .ExternalClass #ecxygrp-mkp .ecxad { padding:0 0; } .ExternalClass #ecxygrp-mkp .ecxad p { } .ExternalClass #ecxygrp-mkp .ecxad a { color:#0000ff; text-decoration:none; } .ExternalClass #ecxygrp-sponsor #ecxygrp-lc { font-family:Arial; } .ExternalClass #ecxygrp-sponsor #ecxygrp-lc #ecxhd { font-weight:700; font-size:78%; line-height:122%; } .ExternalClass

#ecxygrp-sponsor #ecxygrp-lc .ecxad { padding:0 0; } .ExternalClass #ecxactions {
font-family:Verdana; font-size:11px; padding:10px 0; } .ExternalClass #ecxactivity {
background-color:#e0ecee; font-family:Verdana; font-size:10px; padding:10px; }
.ExternalClass #ecxactivity span { font-weight:700; } .ExternalClass #ecxactivity
span:first-child { text-transform:uppercase; } .ExternalClass #ecxactivity span a {
color:#5085b6; text-decoration:none; } .ExternalClass #ecxactivity span span {
color:#ff7900; } .ExternalClass #ecxactivity span .ecxunderline {
text-decoration:underline; } .ExternalClass .ecxattach { clear:both; display:table;
font-family:Arial; font-size:12px; padding:10px 0; width:400px; } .ExternalClass
.ecxattach div a { text-decoration:none; } .ExternalClass .ecxattach img { border:none;
padding-right:5px; } .ExternalClass .ecxattach label { display:block; } .ExternalClass
.ecxattach label a { text-decoration:none; } .ExternalClass blockquote { } .ExternalClass
.ecxbold { font-family:Arial; font-size:13px; font-weight:700; } .ExternalClass .ecxbold a
{ text-decoration:none; } .ExternalClass dd.ecxlast p a { font-family:Verdana;
font-weight:700; } .ExternalClass dd.ecxlast p span { font-family:Verdana;
font-weight:700; } .ExternalClass dd.ecxlast p span.ecxyshortcuts { } .ExternalClass
div.ecxattach-table div div a { text-decoration:none; } .ExternalClass div.ecxattach-table
{ width:400px; } .ExternalClass div.ecxfile-title a, .ExternalClass div.ecxfile-title
a:hover { text-decoration:none; } .ExternalClass div.ecxphoto-title a, .ExternalClass
div.ecxphoto-title a:hover { text-decoration:none; } .ExternalClass div#ecxygrp-mlmsg
#ecxygrp-msg p a span.ecxyshortcuts { font-family:Verdana; font-size:10px;
font-weight:normal; } .ExternalClass .ecxgreen { color:#628c2a; } .ExternalClass
.ecxMsoNormal { } .ExternalClass #ecxphotos div { width:72px; } .ExternalClass #ecxphotos
div div { border:1px solid #666666; height:62px; overflow:hidden; width:62px; }
.ExternalClass #ecxphotos div label { color:#666666; font-size:10px; overflow:hidden;
text-align:center; white-space:nowrap; width:64px; } .ExternalClass #ecxreco-category {
font-size:77%; } .ExternalClass #ecxreco-desc { font-size:77%; } .ExternalClass .ecxreplbq
{ } .ExternalClass #ecxygrp-actbar div a:first-child { padding-right:5px; } .ExternalClass
#ecxygrp-mlmsg { font-size:13px; font-family:Arial, helvetica,clean, sans-serif; }
.ExternalClass #ecxygrp-mlmsg table { font-size:inherit; font:100%; } .ExternalClass
#ecxygrp-mlmsg select, .ExternalClass input, .ExternalClass textarea { font:99% Arial,
Helvetica, clean, sans-serif; } .ExternalClass #ecxygrp-mlmsg pre, .ExternalClass code {
font:115% monospace; } .ExternalClass #ecxygrp-mlmsg * { line-height:1.22em; }
.ExternalClass #ecxygrp-mlmsg #ecxlogo { padding-bottom:10px; } .ExternalClass
#ecxygrp-msg p a { font-family:Verdana; } .ExternalClass #ecxygrp-msg p#ecxattach-count
span { color:#1E66AE; font-weight:700; } .ExternalClass #ecxygrp-reco #ecxreco-head {
color:#ff7900; font-weight:700; } .ExternalClass #ecxygrp-reco { padding:0px; }
.ExternalClass #ecxygrp-sponsor #ecxov li a { font-size:130%; text-decoration:none; }
.ExternalClass #ecxygrp-sponsor #ecxov li { font-size:77%; list-style-type:square;
padding:6px 0; } .ExternalClass #ecxygrp-sponsor #ecxov ul { padding:0 0 0 8px; }
.ExternalClass #ecxygrp-text { font-family:Georgia; } .ExternalClass #ecxygrp-text p { }
.ExternalClass #ecxygrp-text tt { font-size:120%; } .ExternalClass #ecxygrp-vital ul
li:last-child { border-right:none !important; } -->
> > > > >
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> > >
> >
>

83. Re: Warranty and repair service

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 00:12:26 UTC
From: ac2rf
Topic: 81 Message: 83

They're kit radios so I doubt there's any warranty other then what the distributor offers. My guess is they're getting them past customs by importing them in as kits and assembling them locally.

--- In X1M_QRP-Transceiver@yahoogroups.com, "disklog" <disklog@...> wrote:
>
> I was just wondering if there is any warranty on these radios and/or if they need service who would repair and where would the service be done?
> Thank you.
>

84. VFO?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 00:56:14 UTC
From: ac2rf
Topic: 84 Message: 84

Anyone know if its linear so I can scan the bands by spinning the dial or do you literally have to go through the procedure of setting each character to QSY? I think for me that would be a deal breaker if it wasn't linear after I read how you set the memories.

85. Re: [X1M_QRP-Transceiver] Re: Frequency Ranges

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 01:13:00 UTC
From: George Allen
Topic: 55 Message: 85

Since I am thinking WTSHTF for this tx/rx, the more coverage, the better. Once the commercial stations go belly up, 5w might do a great job. Think of air with NO commercial TV/radio transmissions.

On Apr 8, 2013, at 7:09 PM, "ac2rf" <rakeron@...> wrote:

> I hope it does because it would be nice to expand where that filtering is. Looking closely the frequency segments closely resemble the primary allocations in the ITU Region 3 band plan.
>
> 73
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "kingfish_stevens" <ed@...> wrote:
>>
>> Yes, TX on all ham bands and MARS frequencies via the main VFO. The 5 dedicated bands are separate and have optimized filtering. I don't know if the limits of the dedicated bands can be changed or not. Even if the limits can be changed via firmware, I'm not sure how that would interact with the filtering. I have asked the factory about this.
>>
>> Regards,
>> Ed Griffin
>> www.ImportCommunications.com
>>
>>
>> --- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce Buhler" <buhler50@> wrote:
>>>
>>> So does that mean the radio has continuous TX and TX between the designated limits, but also has 5 filter ranges B1, B2, B3, B4 and B5 for the 5 specific ham bands? Operation on 12, 17 and 30 meters is therefore also permitted?
>>>
>>> I hope I now understand the M1X frequency capability.
>>>
>>> My small radio is an SG2020 capable of up to 20 watts. The FT817 is only marginally smaller so an even smaller radio is of interest to me.
>>>
>>> Definitely this radio represents appreciated size and price innovation and I look forward to practical experiences and technical reviews from those who have purchased and received this interesting radio.
>>>
>>> Bruce,
>>> KD6DRU
>>>

86. Re: VFO?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 01:19:00 UTC
From: Steve
Topic: 84 Message: 86

If I understand your question correctly I would say tuning is linear. You highlight the frequency digit and you can linearly go up or down from that point with corresponding digits to the left and right reacting as they should as you cycle to the next 10's. Am I making sense? I have the radio.

73, Steve

--- In X1M_QRP-Transceiver@yahoogroups.com, "ac2rf" <rakeron@...> wrote:
>
> Anyone know if its linear so I can scan the bands by spinning the dial or do you literally have to go through the procedure of setting each character to QSY? I think for me that would be a deal breaker if it wasn't linear after I read how you set the memories.
>

87. Re: [X1M_QRP-Transceiver] Warranty and repair service

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 01:18:52 UTC
From: George Allen
Topic: 81 Message: 87

Ha ha ha ha. Or, in our jargon, hi hi hi hi. My thought is that someone would like to make some money on this, and we all talk to each other a lot. So if the first issues are bad, sales halt and no profit to be had.

That will keep things above board for a while, at least. These will be well made units and if they arrive DOA they will be apologetically exchanged, I'm certain.

On Apr 8, 2013, at 6:52 PM, "disklog" <disklog@...> wrote:

> I was just wondering if there is any warranty on these radios and/or if they need service who would repair and where would the service be done?
> Thank you.
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

88. Re: VFO?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 01:21:23 UTC
From: ac2rf
Topic: 84 Message: 88

Yeah that's what I wanted to know, I saw a file in the files section that talked about tuning the radio and it seemed like it wasn't linear which left me scratching my head.

--- In X1M_QRP-Transceiver@yahoogroups.com, "Steve" <k8sar@...> wrote:
>
> If I understand your question correctly I would say tuning is linear. You highlight the frequency digit and you can linearly go up or down from that point with corresponding digits to the left and right reacting as they should as you cycle to the next 10's. Am I making sense? I have the radio.
>
> 73, Steve
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "ac2rf" <rakeron@> wrote:
> >
> > Anyone know if its linear so I can scan the bands by spinning the dial or do you literally have to go through the procedure of setting each character to QSY? I think for me that would be a deal breaker if it wasn't linear after I read how you set the memories.
> >
>

89. Re: Antenna Connector - Poll Options?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 02:02:11 UTC
From: Tom Ciciora
Topic: 75 Message: 89

>Are there really two different threads on SO/PL 239?

This is not the first such issue that I've heard of. The early production
Comet CAA-500 Antenna Analyzers had a similarly queer SO-239 on them.

73--
Tom KA9QPN

90. Re: Antenna Connector - Poll Options?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 02:09:02 UTC
From: Steve
Topic: 75 Message: 90

metric vs standard or 16mm vs 5/8 inch

--- In X1M_QRP-Transceiver@yahoogroups.com, Howard Small <howard@...> wrote:
>
> Are there really two different threads on SO/PL 239?
>
> Howard
> VK4BS
>
> On 08/04/2013, at 23:35, "qrv@..." <qrv@...> wrote:
>
> > o Chinese SO239 even if metric threaded
> > o BNC Female that accepts our common push & twist BNC male connector
> > o Absolutely not the BNC
> >
> > There are two missing alternatives:
> >
> > () Standard SO-239
> >
> > () N-Connector
> >
> > In order of preference I'd prefer Standard SO-239, then BNC Female,
> > then N, then Chinese/Metric SO-239.
> >
> > IMHO, YMMV ... :-)
> >
> > --
> >
> > Thanks! & 73, KD4E.com
> > David Colburn nevils-station.com
> > I don't google I SEARCH! duckduckgo.com
> > Network: groups.yahoo.com/group/qrv
> > Restored to design-spec at Heaven's gate 1Cor15:22
> >
>

91. Definition of "kit"

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 10:28:54 UTC
From: myndzblank
Topic: 91 Message: 91

My X1M "kit" finally arrived, and it is not what we all expected. I think we were expecting an Elecraft KX3 - style kit with no soldering involved, just fitting the boards together and assembling the hardware.

Unfortunately, when I opened the box, I was greeted with bags of thru-hole parts, and all of the connectors. This wouldn't be too intimidating except for the fact that there was no board layout or assembly guide. Not even a chinese one.

I'm not afraid of soldering really, but I haven't done anything like this in about 30 years, and I think I need to practice on something a little less complex, and with some instructions.

I think we were expecting a "snap-together" type of kit because of the relatively small difference between the kit and assembled prices ($30).

Oh well.

I have worked something out to get an assembled version. More to follow.....

--Neil W2NDG

92. Japanese threaded PL 259

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 13:11:44 UTC
From: Papadad
Topic: 92 Message: 92

Yes the threads between the Japanese PL259 and amphenol PL259 are different.

A quick and easy solution is of course a Japanese pl259 to bnc (or any variety) RF adapter.

The other is to use a Japanese pl259 on your coax... Available from many sources online eg eBay.

You can also change the connector on the chassis. Yes there is adequate room in there to make a change to any variety of rf connector.

Joe

93. X1M will have BNC connector

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 13:27:40 UTC
From: kingfish_stevens
Topic: 93 Message: 93

I have asked the factory to install BNC connectors on the radios for the North American market.

Regards,
Ed Griffin
www.ImportCommunications.com

94. Re: Japanese threaded PL 259

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 13:29:15 UTC
From: myndzblank
Topic: 92 Message: 94

A push on PL-259 adapter would be a quick/easy solution. Several available on eBay and from other sources:

http://www.ebay.com/sch/i.html?_sop=15&_sacat=0&_from=R40&_nkw=pl-259+push+on+adapter&LH_BIN=1

95. RE: [X1M_QRP-Transceiver] X1M will have BNC connector

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 14:06:27 UTC
From: George Andrews
Topic: 93 Message: 95

Ed,

Thanks! That is a plus as far as I am concerned. I think you will be a
Dayton. If so, will these radios be available at Dayton?

George

N1YAE

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kingfish_stevens
Sent: Tuesday, April 09, 2013 9:28 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M will have BNC connector

I have asked the factory to install BNC connectors on the radios for the
North American market.

Regards,
Ed Griffin
www.ImportCommunications.com

96. Re: X1M will have BNC connector

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 14:23:10 UTC
From: kingfish_stevens
Topic: 93 Message: 96

Import Communications will be in the North Hall
Spaces 175-176. Directly across from The Wire Man.

I will have the X1M on display. The number for sale depends on
how many are left after filling orders from those already pre-sold.

Ed

--- In X1M_QRP-Transceiver@yahoogroups.com, "George Andrews" <gandrews@...> wrote:
>
> Ed,
>
>
>
> Thanks! That is a plus as far as I am concerned. I think you will be a
> Dayton. If so, will these radios be available at Dayton?
>
>
>
> George
>
> N1YAE
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kingfish_stevens
> Sent: Tuesday, April 09, 2013 9:28 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] X1M will have BNC connector
>
>
>
>
>
>
> I have asked the factory to install BNC connectors on the radios for the
> North American market.
>
> Regards,
> Ed Griffin
> www.ImportCommunications.com
>

97. Re: [X1M_QRP-Transceiver] X1M will have BNC connector

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 14:46:43 UTC
From: Buddy Brannan
Topic: 93 Message: 97

I think this is a good idea, especially considering that BNC has sort of become the de facto QRP standard. Not to mention all of the single band whips (and the big ol' honking' multi band one) that have BNC connectors.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On Apr 9, 2013, at 9:27 AM, "kingfish_stevens" <ed@...> wrote:

> I have asked the factory to install BNC connectors on the radios for the North American market.
>
> Regards,
> Ed Griffin
> www.ImportCommunications.com
>
>

98. Re: [X1M_QRP-Transceiver] Definition of "kit"

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 17:00:22 UTC
From: George Allen
Topic: 91 Message: 98

Maybe post a couple pics of the kit?

On Apr 9, 2013, at 5:28 AM, "myndzblank" <neilgoldstein@...> wrote:

> My X1M "kit" finally arrived, and it is not what we all expected. I think we were expecting an Elecraft KX3 - style kit with no soldering involved, just fitting the boards together and assembling the hardware.
>
> Unfortunately, when I opened the box, I was greeted with bags of thru-hole parts, and all of the connectors. This wouldn't be too intimidating except for the fact that there was no board layout or assembly guide. Not even a chinese one.
>
> I'm not afraid of soldering really, but I haven't done anything like this in about 30 years, and I think I need to practice on something a little less complex, and with some instructions.
>
> I think we were expecting a "snap-together" type of kit because of the relatively small difference between the kit and assembled prices ($30).
>
> Oh well.
>
> I have worked something out to get an assembled version. More to follow.....
>
> --Neil W2NDG
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>
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99. autotuner for X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 18:33:26 UTC
From: hsumaverick01
Topic: 99 Message: 99

I have ordered one of these radios, and am wondering if anyone has any suggestions for a good autotuner for it if they have gotten to experiment with any?

Thanks,
Christopher Lagrone
N5HSU

100. Re: [X1M_QRP-Transceiver] Definition of "kit"

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 20:07:46 UTC
From: Dean Smart
Topic: 91 Message: 100

Funny that may be all it cost to have one assembled in China.....
Just a thought.
Good to know
So for me it would be buy it assembled.

73
Dean Smart
KB7ANL
Twin Falls, Idaho

From: myndzblank <neilgoldstein@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, April 9, 2013 4:28 AM
Subject: [X1M_QRP-Transceiver] Definition of "kit"

My X1M "kit" finally arrived, and it is not what we all expected. I think we were expecting an Elecraft KX3 - style kit with no soldering involved, just fitting the boards together and assembling the hardware.

Unfortunately, when I opened the box, I was greeted with bags of thru-hole parts, and all of the connectors. This wouldn't be too intimidating except for the fact that there was no board layout or assembly guide. Not even a chinese one.

I'm not afraid of soldering really, but I haven't done anything like this in about 30 years, and I think I need to practice on something a little less complex, and with some instructions.

I think we were expecting a "snap-together" type of kit because of the relatively small difference between the kit and assembled prices ($30).

Oh well.

I have worked something out to get an assembled version. More to follow.....

--Neil W2NDG

101. Re: Definition of "kit"

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 20:11:40 UTC
From: myndzblank
Topic: 91 Message: 101

I'll take a few photos, but I don't want to completely un-wrap since this one is going back.

--- In X1M_QRP-Transceiver@yahoogroups.com, George Allen <geonjod@...> wrote:
>
> Maybe post a couple pics of the kit?

102. Re: autotuner for X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 20:39:25 UTC
From: myndzblank
Topic: 99 Message: 102

Christopher,

I'm guessing that the LDG Z-100 Plus would work well. It handles from 100mw to 125 Watts. They sell for around $150

I ordered an Emtech ZM2. Not auto, but supposed to be one of the best QRP tuners. I'll post my results when I finally get it all together.

Planning on using a random wire with a Balun Designs 9:1 QRP UnUn out in the field, and the aforementioned ZM2. For power I went with an 8-AA battery holder and 8 Eneloop rechargeables for now.

--- In X1M_QRP-Transceiver@yahoogroups.com, "hsumaverick01" <hsumaverick01@...> wrote:
>
> I have ordered one of these radios, and am wondering if anyone has any suggestions for a good autotuner for it if they have gotten to experiment with any?
>
> Thanks,
> Christopher Lagrone
> N5HSU
>

103. Part 97.307 (d) Harmonics & Spurious Emissions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-09 22:50:57 UTC
From: qrv@kd4e.com
Topic: 103 Message: 103

Does the X1M comply with Part 97.307 (d) or is that up to the operator to determine & remediate if not?

I get that a "kit" may be held to a lower standard but the X1M is now being marketed as an assembled rig.

FCC licensed Hams in the USA are responsible for any rig they operate to meet those specs, not the manufacturer, but in the past the FCC required rigs to meet the standard prior to permission to sell.

Part 97.307 (d) "the mean power of any spurious emission from a station transmitter or external RF power amplifier transmitting on a frequency below 30 MHz must be at least 43 dB below the mean power of the fundamental emission."

Just wondering ...

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

104. Kit Parts

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-10 03:00:08 UTC
From: Dale K
Topic: 104 Message: 104

I just posted in "Photos" a picture of the parts kit. This is not too hard to build, its not a "Snap together Kit amateur kit" but a real kit with some soldering and hardware assembly. This is what makes Kit Building fun. Remember the Heathkits ?

105. Re: [X1M_QRP-Transceiver] Kit Parts

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-10 03:04:16 UTC
From: qrv@kd4e.com
Topic: 104 Message: 105

I worked for a Heathkit store just out of college.

Who is selling the kit version and what are they asking for them,
please?

> Dale K wrote:
> I just posted in "Photos" a picture of the parts kit. This is not
> too hard to build, its not a "Snap together Kit amateur kit" but a
> real kit with some soldering and hardware assembly. This is what
> makes Kit Building fun. Remember the Heathkits ?

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

106. Re: [X1M_QRP-Transceiver] Kit Parts

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-10 03:31:53 UTC
From: George Allen
Topic: 104 Message: 106

Yep, that's a true "kit." Thnx Dale.

On Apr 9, 2013, at 10:00 PM, "Dale K" <nh6vr@...> wrote:

> I just posted in "Photos" a picture of the parts kit. This is not too hard to build, its not a "Snap together Kit amateur kit" but a real kit with some soldering and hardware assembly. This is what makes Kit Building fun. Remember the Heathkits ?
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

107. Re: Kit Parts

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-10 13:49:09 UTC
From: kf9cm
Topic: 104 Message: 107

Hi Dale,
I see there is an "assembly manual" in the background, could you please scan that and post it in the files (or photos) section for the groups clarification?

TNX de Gary, KF9CM

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale K" <nh6vr@...> wrote:
>
> I just posted in "Photos" a picture of the parts kit. This is not too hard to build, its not a "Snap together Kit amateur kit" but a real kit with some soldering and hardware assembly. This is what makes Kit Building fun. Remember the Heathkits ?
>

108. Re: purchase? ThIs URL will take you to the order page.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-11 11:07:53 UTC
From: j_aub
Topic: 47 Message: 108

Hi Joe,
Will be very interested in getting hold of one of these in the UK. Any plans in that direction yet or is it still too early to day?

Cheers,
James 2E0JCA

--- In X1M_QRP-Transceiver@yahoogroups.com, Papadad <k7joe@...> wrote:
>
> I am planning to distribute directly from hkg or china. My proximity to the supply source gives some advantages in terms of supply availability including spare parts as well as pricing.
>
> Shipping arrangements being worked. So stay tuned for details including where I will sell to/ ship to, pricing, etc.
>
> Price anticipated to be approximate $219 usd plus shipping fees per unit
>
> I will not be shipping into the USA initially as there are existing distributors for that market.
>
> Joe. K7JOE/BY1.
>

109. Re: Can the power be turned down to milliwatts?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-12 15:47:04 UTC
From: chinaqrp
Topic: 52 Message: 109

Should be able to add this feature ...
I have this X1M over a period of time I will do it
But recently busy: (

73! Angkor Wu BA2BI

--- In X1M_QRP-Transceiver@yahoogroups.com, "qrv@..." <qrv@...> wrote:
>
> This rig could be useful as a signal generator-type
> source and/or with transverters.
>
> IF ... the power output may be lowered.
>
> Thanks!
>
>
> --
>
> Thanks! & 73, KD4E.com
> David Colburn nevils-station.com
> I don't google I SEARCH! duckduckgo.com
> Network: groups.yahoo.com/group/qrv
> Restored to design-spec at Heaven's gate 1Cor15:22
>

110. Pick up X1M on trip to China

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-13 06:07:31 UTC
From: Bruce Buhler
Topic: 110 Message: 110

Is the X1M already being sold in Shanghai? My son will be working there and I may go see him there. How would I find a "ham radio" store which would sell one and would they sell it to me? Anyone know the local cost in Chinese Yuan?

Bruce
KD6DRU

111. Any actual reports from users?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-18 00:12:40 UTC
From: disklog
Topic: 111 Message: 111

Just wondering if there are any user reports concerning how this radio performs. Its oddities, and issues, if any.
Hopefully someone will have actually received theirs and can report on their real world experience with it.
Thank you.

112. RE: [X1M_QRP-Transceiver] Any actual reports from users?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-18 00:19:37 UTC
From: Bruce Fenstermacher
Topic: 111 Message: 112

Have been trying to buy one and don't think the distributor(s) have received any yet. Have ordered one from Ed but haven't heard anything new yet. (Ed from Import Communications). It looks like I (we) will have to wait until early May. Anyone have any news about the X1M?? (Ed translated the manual and posted it on his web site. Here is the link: http://wouxun.us/Manuals/X1M_English_Manual_v2.pdf

Bruce (KU1Y)

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of disklog
Sent: Wednesday, April 17, 2013 5:13 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Any actual reports from users?

Just wondering if there are any user reports concerning how this radio performs. Its oddities, and issues, if any.
Hopefully someone will have actually received theirs and can report on their real world experience with it.
Thank you.

113. Re: Any actual reports from users?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-21 13:07:45 UTC
From: kf9cm
Topic: 111 Message: 113

I received mine yesterday. Later on this morning I will attempt to make
a You Tube video and post it.

73 de Gary,KF9CM
Got-Another-Radio-Yesterday [:D]

--- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce Fenstermacher"
wrote:
>
> Have been trying to buy one and don't think the distributor(s) have
received
> any yet. Have ordered one from Ed but haven't heard anything new
yet. (Ed
> from Import Communications). It looks like I (we) will have to wait
until
> early May. Anyone have any news about the X1M?? (Ed translated the
manual
> and posted it on his web site. Here is the link:
> http://wouxun.us/Manuals/X1M_English_Manual_v2.pdf
>
>
>
> Bruce (KU1Y)
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of disklog
> Sent: Wednesday, April 17, 2013 5:13 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Any actual reports from users?
>
>
>
>
>
>
> Just wondering if there are any user reports concerning how this radio
> performs. Its oddities, and issues, if any.
> Hopefully someone will have actually received theirs and can report on
their
> real world experience with it.
> Thank you.
>

114. RE: [X1M_QRP-Transceiver] Re: Any actual reports from users?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-21 13:20:45 UTC
From: Bruce Fenstermacher
Topic: 111 Message: 114

Gary:

Great! Will look forward to the You Tube video. Where did you buy your
new toy?
Have fun

Bruce

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kf9cm
Sent: Sunday, April 21, 2013 6:08 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Any actual reports from users?

I received mine yesterday. Later on this morning I will attempt to make a
You Tube video and post it.

73 de Gary,KF9CM
Got-Another-Radio-Yesterday :D
<http://us.i1.yimg.com/us.yimg.com/i/mesg/tsmileys2/04.gif>

--- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce Fenstermacher" wrote:
>
> Have been trying to buy one and don't think the distributor(s) have
received
> any yet. Have ordered one from Ed but haven't heard anything new yet. (Ed
> from Import Communications). It looks like I (we) will have to wait until
> early May. Anyone have any news about the X1M?? (Ed translated the manual
> and posted it on his web site. Here is the link:
> http://wouxun.us/Manuals/X1M_English_Manual_v2.pdf
>
>
>
> Bruce (KU1Y)
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of disklog
> Sent: Wednesday, April 17, 2013 5:13 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Any actual reports from users?
>
>
>
>

>
> Just wondering if there are any user reports concerning how this radio
> performs. Its oddities, and issues, if any.
> Hopefully someone will have actually received theirs and can report on
their
> real world experience with it.
> Thank you.
>

115. My video on the X1M Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-22 00:53:02 UTC
From: kf9cm
Topic: 115 Message: 115

I'm no Steven Spielberg, but here's a short video on the X1M
Transceiver. It shows the basic operation of the radio.

http://www.youtube.com/watch?v=pg1FuDy-Vjk
<http://www.youtube.com/watch?v=pg1FuDy-Vjk>

73 de Gary,KF9CM

116. Re: [X1M_QRP-Transceiver] My video on the X1M Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-22 01:09:06 UTC
From: beargyrils@...
Topic: 115 Message: 116

Gary,
That was a fine U tube on that rig
CW sounds great.
Just the QRM ruined the SSB part.
What is the band width on that rig for CW?
Some hams have been working really good DX on 20 meters @5 watts with a small mag loop.
BOB AF2Q

In a message dated 4/21/2013 5:53:05 P.M. Pacific Daylight Time, Gary@... writes:

I'm no Steven Spielberg, but here's a short video on the X1M Transceiver.
It shows the basic operation of the radio.

http://www.youtube.com/watch?v=pg1FuDy-Vjk

73 de Gary,KF9CM

117. Video

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-22 17:37:22 UTC
From: disklog
Topic: 117 Message: 117

Gary,
Thank you so much for taking the time to make that video! It gives us a better understanding of its performance and sound.

Maybe after you have used it on the air for a week or so you could just post a message of what you like and dislike. And/or any problems you have uncovered. No need for another video, (But always welcome) just a little report of your user experience.

Thank you again for your efforts.
Ken

119. Hello group and WOW

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-22 21:04:31 UTC
From: fred
Topic: 119 Message: 119

Hello from thunder bay Ontario , name is Fred and call is VE3FAL.
I am a tester and do reviews on a number of radios and antennas and have today did a quick review of teh latest X1M, last review I did was in August of 2012 and the radio needed quite a bit of work, but today the X1M is all that and more, great job.

I had the opportunity to beta test this radio last August when it was first being introduced. It had many little things that needed to be addressed. I just received the newest version and all I can say is WOW, spot on. I plugged the unit in and put power to it and put it on 20 meters into my windom. I heard W4LVP in TN calling CQ on cw,I answered and he heard me first call, gave me a 579 into TN. Many nice changes to the radio that will make this a real shopper stopper on the market for the price. Additional items like adjustable sidetone volume and filtering for cw and phone would be great, as well a small S meter or power meter on the display would be good, but not actually needed, if you can hear the station the radio is working. The unit is a solid 4.5-5 watts across the band. Fred VE3FAL

120. My first impressions of the X1M QRPp Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-23 00:54:40 UTC
From: Papadad
Topic: 120 Message: 120

I also received my X1M from the manufacturer yesterday. I will do a written review, while video would be better, youtube is blocked here and so I did not bother to make a video, play with the VPN to upload it, etc. I can do that during the weekend.

Initial opening the box observations:

Unit arrived in bubble wrap, no outer box or other packaging. Instruction "manual" is 1 page front and back printed, which gives basic specs and menu functions - good enough that even an inexperienced ham could be up and running. The units that I am procuring are fully assembled, not kit form. The box contained the radio as well as a hand microphone wired for the radio. It also included a phono jack for CW key (wire yourself) and a power jack (wire yourself). I wired the power jack, plugged it into the ps and the radio and turned the radio on -- nothing. OK, quick inspection of the power plug reveals that the barrel is too wide and the pin is too narrow - the plug fits snugly into the jack, but the inner barrel does not connect to the inner pin. I unplugged my AT-100 auto-tuner (that is wired with similar barrel) power jack, plugged it into the radio just to try things and the radio turned right on.

Radio is light weight. All metal enclosure and looks to be well shielded. Rear panel of my unit has "metric threaded" SO-238 RF connector, and I was able to find some PL-259's that fit just fine. The Amphenol connectors that I have did not fit well...so...it's easy to swap out a different rf connector, or get a simple adapter with the right threads to convert it to N-connector or BNC connector etc.

Radio has a small built in speaker. Volume/audio is adequate but not super loud - probably better with external speaker or use headphones. While the mic looks identical to a ht speaker-mic, it is not wired that way and thus is used only for TX audio. The mic has a red LED on it when in TX mode to show transmit. The LCD display will also show a T or R icon when in transmit or receive.

Initial operating observations:

Radio has a built in preamp that really helps receive. The sensitivity is around 0.45uV which is less sensitive than my FT-857 -- i dont have other QRP rigs to compare it to, but it's not in the same class (price or performance) as a K1, Scout, 817D, etc anyway so i suppose it is really more than adequate. There are dedicated bandpass filters that switch in and out and those seem to really help selectivity (as expected with an SDR).

Tuning - the first thing you will want to do is spin the dial. OK, the VFO knob feeling is clicky clicky knob, think of it like a "select" knob on the 817/857 or Alinco DX70 radio if you are familiar with those. Or, if you have owned QRP gear, think of it like the Uniden 2510/2600 or RS HTX-100 main tuning knob. It is not a "smooth VFO" knob. The knob clicks. And, like every other knob of this design , it too occasionally skips a beat or two, so you have to watch the VFO when tuning up or down band. I would have preferred a smooth vfo tuning mechanism, but can't have everything. The VFO knob has rotate function and a push in function. The push in function is used to "set" certain parameters, such as tuning step once the step has been selected.

The LCD display is green backlight and fairly easy to read considering small size overall of the unit. Frequency is the main use for the LCD display, as is TX or RX function, pre-amp on or off.

There is no S-meter or RF(output) or SWR meter on the LCD display unit.

Tuning resolution can be set to Mhz, 100 Khz, 10 KHZ, 1 Khz, 100 Hz, 10 Hz, and 1 Hz. Yes -- pretty remarkable but remember this thing is all DSP driven. 1 Hz resolution is probably overkill...but anyway, it's there if you need it. It's a little

Modes are USB/LSB/CW. No AM or FM or FSK. You change modes with one of the front panel push button switches. Pushing and holding one of the switches will put you into Menu mode. Pushing and holding other switch will turn the preamp on or off.

You can set the BFO frequency for these modes within the setup menu (9 menus are available for various tweaking, mostly dealing with the SDR aspects of the radio.

There is no obvious POWER OUT or MIC GAIN or ALC adjustment as noted previously..

I am mostly a CW op and the bandwidth in CW mode is fairly wide ... maybe 1800 Hz bandwidth. Did not have time for measuring it but it is certainly not a narrow filtered receiver as judged by my ham ear.

On SSB it plays nicely and was listening to some of the Sichuan earthquake H&W traffic last evening.

I like the gen coverage receive, but without AM detection, it is just so-so listening in on the shortwave bands unless you zero-beat and eliminate the heterodyning. Good news is that the DSP is super stable so the thing doesn't drift like the old capacitance style vfo's.... had to keep one hand on the tuning dial while listening to London...Once set you can at least hear and understand the broadcast (bandwidth a little narrow for AM too)

Have not done much advanced testing - sensitivity, selectivity, audio and power out, etc... will report more when tests are completed.

I feel it's important to represent this rig as it is.... not mislead. Share positives and negatives... provide feedback to manufacturer for improvements, etc. The unit I have, is serial number X0087...white glue on sticker. Would be interesting to compare production differences with others.

As indicated previously, I have placed an order with the manufacturer and will keep posted on committed delivery dates to me, and then onward shipping, pricing, etc. for those who expressed interest.

More to follow.

Joe K7JOE/BY1

121. RE: [X1M_QRP-Transceiver] My first impressions of the X1M QRPp Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-23 01:01:49 UTC
From: Fred VE3FAL
Topic: 120 Message: 121

Papadad:

I had to fix the tuning knob as I was not able to press it in to select. Once that was done I was good to go.

I have made some videos tonight and will post on YouTube, was listening to W1AW earlier and very nice signals, will tune a shortwave station tonight and see what that sounds like, was listening to a shortwave station on 13 megs today and like you say it is good once you get used to listening to it..

I can post both of my reviews from last August and the short one from today if that is ok, maybe folks don't want to see the August one, but what I can say is they sure have made lots of good changes.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Papadad
Sent: April 22, 2013 8:55 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] My first impressions of the X1M QRPp Transceiver

I also received my X1M from the manufacturer yesterday. I will do a written review, while video would be better, youtube is blocked here and so I did not bother to make a video, play with the VPN to upload it, etc. I can do that during the weekend.

Initial opening the box observations:

Unit arrived in bubble wrap, no outer box or other packaging. Instruction "manual" is 1 page front and back printed, which gives basic specs and menu functions - good enough that even an inexperienced ham could be up and running. The units that I am procuring are fully assembled, not kit form. The box contained the radio as well as a hand microphone wired for the radio. It also included a phono jack for CW key (wire yourself) and a power jack (wire yourself). I wired the power jack, plugged it into the ps and the radio and turned the radio on -- nothing. OK, quick inspection of the power plug reveals that the barrel is too wide and the pin is too narrow - the plug fits snugly into the jack, but the inner barrel does not connect to the inner pin. I unplugged my AT-100 auto-tuner (that is wired with similar barrel) power jack, plugged it into the radio just to try things and the radio turned right on.

Radio is light weight. All metal enclosure and looks to be well shielded. Rear panel of my unit has "metric threaded" SO-238 RF connector, and I was able to find some PL-259's that fit just fine. The Amphenol connectors that I have did not fit well...so...it's easy to swap out a different rf connector, or get a simple adapter with the right threads to convert it to N-connector or BNC connector etc.

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Radio has a built in preamp that really helps receive. The sensitivity is around 0.45uV which is less sensitive than my FT-857 -- i dont have other QRP rigs to compare it to, but it's not in the same class (price or performance) as a K1, Scout, 817D, etc anyway so i suppose it is really more than adequate. There are dedicated bandpass filters that switch in and out and those seem to really help selectivity (as expected with an SDR).

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As indicated previously, I have placed an order with the manufacturer and will keep posted on committed delivery dates to me, and then onward shipping, pricing, etc. for those who expressed interest.

More to follow.

Joe K7JOE/BY1

122. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-23 01:17:29 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 122

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /X1M HF Transceiver Review and Testing August 2012.docx
Uploaded by : ve3fal <flesnick@...>
Description : August 2012 X1M Review

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/X1M%20HF%20Transceiver%20Review%20
and%20Testing%20August%202012.docx

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

ve3fal <flesnick@...>

123. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-23 01:18:34 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 123

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /X1M HF Transceiver Review April 2013.docx
Uploaded by : ve3fal <flesnick@...>
Description : X1M Review April 2013

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/X1M%20HF%20Transceiver%20Review%20April%202013.docx

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

ve3fal <flesnick@...>

124. Testing and Reviews Posted

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-23 01:20:36 UTC
From: fred
Topic: 124 Message: 124

Ok gang I have uploaded both of my tests and reviews into the files section. Only things missing from the first review are teh videos and pictures as they would have been way too big to put into the files sections.
As you will see this little unit has come a LONG way since August.

Enjoy....

Fred
VE3FAL

125. Re: [X1M_QRP-Transceiver] My first impressions of the X1M QRPp Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-23 02:42:43 UTC
From: ken fest
Topic: 120 Message: 125

Thanks for a great overview!!!
We hams will zero in on this thing in no time at all. I hope the tune encoder has a longer life than some on other low end equipment. It seems there are both good and not so good low cost encoders available. Time will tell.

--- On Mon, 4/22/13, Papadad <k7joe@...m> wrote:

From: Papadad <k7joe@...>
Subject: [X1M_QRP-Transceiver] My first impressions of the X1M QRPp Transceiver
To: "X1M_QRP-Transceiver@yahoogroups.com" <X1M_QRP-Transceiver@yahoogroups.com>
Date: Monday, April 22, 2013, 8:54 PM

I also received my X1M from the manufacturer yesterday. I will do a written review, while video would be better, youtube is blocked here and so I did not bother to make a video, play with the VPN to upload it, etc. I can do that during the weekend.

Initial opening the box observations:

Unit arrived in bubble wrap, no outer box or other packaging. Instruction "manual" is 1 page front and back printed, which gives basic specs and menu functions - good enough that even an inexperienced ham could be up and running. The units that I am procuring are fully assembled, not kit form. The box contained the radio as well as a hand microphone wired for the radio. It also included a phono jack for CW key (wire yourself) and a power jack
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serial number X0087...white glue on sticker. Would be interesting to compare production differences with others.

As indicated previously, I have placed an order with the manufacturer and will keep posted on committed delivery dates to me, and then onward shipping, pricing, etc. for those who expressed interest.

More to follow.

Joe K7JOE/BY1

126. 2 more qso on 20 meters with X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-23 18:30:53 UTC
From: fred
Topic: 126 Message: 126

Just worked 2 folks on the eastern seaboard, but qsb is bad today.
Worked Frank N3RSD in DE at 559 both ways and just finished with Jerry K2PAY who was a 339 in NY and I was the same.

Solid 5 watts out into dipole....So far on CW the little rig is performing well.

Have yet to give SSB a good workout.

Fred
VE3FAL

127. Italy on 17 meters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-23 18:49:22 UTC
From: fred
Topic: 127 Message: 127

Just worked Dan IK2SND in Italy on 18.077 at 1844z...My RST 559, not too shabby....

Fred
VE3FAL

128. X1M and HRD

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-23 22:33:17 UTC
From: fred
Topic: 128 Message: 128

Gang has anyone had any luck getting the X1M to communicate with Ham radio Deluxe..I can not get the two to communicate with each other.

Fred
VE3FAL

129. RE: [X1M_QRP-Transceiver] X1M and HRD

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-23 23:27:21 UTC
From: Howard Small
Topic: 128 Message: 129

Hi Fred

I do not have one of these rigs and I guess I am telling you how to suck eggs, but.

If I recall, there was an earlier post that said the X1M was compatible with the IC718 for HRD. Have you set HRD up for that?

73

Howard

VK4BS

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of fred
Sent: Wednesday, 24 April 2013 8:33 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M and HRD

Gang has anyone had any luck getting the X1M to communicate with Ham radio Deluxe..I can not get the two to communicate with each other.

Fred
VE3FAL

130. RE: [X1M_QRP-Transceiver] X1M and HRD

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-23 23:32:00 UTC
From: Fred VE3FAL
Topic: 128 Message: 130

Howard the egg is hard boiled so it wont break and get all over me..

Yes I have set up for the IC-718, put all parameters in automode to find com port and baud rate and still no go.

I have tested all cables and gender benders to make sure they work with other rigs and no problem.

I am testing and reviewing the rig for a write up and wanted to test the computer control.

The cw mode works great and worked Italy on it today, I am waiting for the local 80 meter net to start to test SSB as I was told yesterday that the mike audio was over driven.

Ok, back to boiling more egss until I get an answer..

But one problem is there is nowhere to set comm. Port baud rate on the radio.

Wish I could ask BG8HT what I need to do?

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Howard Small
Sent: April 23, 2013 7:27 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] X1M and HRD

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Sent: Wednesday, 24 April 2013 8:33 AM

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Subject: [X1M_QRP-Transceiver] X1M and HRD

Gang has anyone had any luck getting the X1M to communicate with Ham radio Deluxe..I can not get the two to communicate with each other.

Fred
VE3FAL

131. DX Spots on RBN Tonight

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-25 00:43:35 UTC
From: Fred VE3FAL
Topic: 131 Message: 131

Bands are terrible but made a few calls and this is what the RBN picked up tonight with me on the X1M.

Antenna is OCF Windom at 25' into a MFJ-949E tuner..Power 5 watts.

The X1M is proving to be a great CW rig so far.

Fred

VE3FAL

<http://www.reversebeacon.net/dxsd1/srch.php> showing spots for DX call:
VE3FAL
search spot by callsign

search callsign: [ ] (X) DX ( ) DE [search]
wildcard * allowed

de

dx

freq

cq/dx

snr

speed

time

<http://www.reversebeacon.net/qrz/rbn/KM3T> KM3T

<http://www.reversebeacon.net/qrz/rbn/VE3FAL> VE3FAL

7111.0

CW CQ [LoTW]

11 dB

13 wpm

0033z 25 Apr

<http://www.reversebeacon.net/qrz/rbn/KQ8M> KQ8M

<http://www.reversebeacon.net/qrz/rbn/VE3FAL> VE3FAL

7111.0

CW CQ [LoTW]

4 dB

14 wpm

0031z 25 Apr

<http://www.reversebeacon.net/qrz/rbn/WZ7I> WZ7I

<http://www.reversebeacon.net/qrz/rbn/VE3FAL> VE3FAL

7111.0

CW CQ [LoTW]

16 dB

14 wpm

0029z 25 Apr

<http://www.reversebeacon.net/qrz/rbn/K1TTT> K1TTT

<http://www.reversebeacon.net/qrz/rbn/VE3FAL> VE3FAL

7111.0

CW CQ [LoTW]

16 dB

13 wpm

0029z 25 Apr

132. Re: [X1M_QRP-Transceiver] on -air performance

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-25 01:07:50 UTC
From: Papadad
Topic: 132 Message: 132

I had a bit more time to give the X1M a bit more of a workout. As a receiver, it does a fairly nice job, very stable, and small/compact.

Sensitivity in the ham bands with the preamp on is very good... i could easily dig out signals when not faced with QRN. The rig is noisy.... no noise blanker, so probably best on the side of a mountain in middle of nowhere...running on batteries.... etc.

I added set of 4 small rubber feet to the under side of the cabinet...it is light and easily slides around with the mic cable movement.

On SSB, you need to position the hand mic just right to be able to get good audio drive. The mic is plenty sensitive, the audio sounds quite good on another rig (listening to myself) but i noticed how you hold the mic across the mouth / positioning makes a huge difference in how the radio is driven, ie, power out max.

Power - on 1.8V regulated power, I was getting 4 watts out into dummy load on most bands including 10M.

As a cw op, the CW wave form is not as crisp as my FT-857D. The rise and fall of the dits and dahs at around 25 WPM (using built in keyer) sounds a little bit mushy, not crisp especially on first note of a character.... This may be a function of the keyer versus the RF keying relay/speed characteristics of the radio itself. The built in keyer is a nice feature, for sure, but it seemed like the dot / dash ratio was not exactly 1:3 and is not adjustable... Certainly it is tolerable, and ... distinct... but not as crisp as other radios. On receive, the T/R transition time is adjustable and I found at around 0.2 seconds when running about 25 -30 WPM CW was reasonable to avoid relay chatter but to open between words for semi-break in operation.

More to come.

Joe K7JOE/BY1

133. Re: [X1M_QRP-Transceiver] on -air performance

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-25 01:12:03 UTC
From: qrv@kd4e.com
Topic: 132 Message: 133

Are you saying that the receiver has internally-generated noise
or that it does not have the means to filter received noise?

> Sensitivity in the ham bands with the preamp on is very good... i
> could easily dig out signals when not faced with QRN. The rig is
> noisy.... no noise blanker, so probably best on the side of a
> mountain in middle of nowhere...running on batteries.... etc.
>
> More to come.
>
> Joe K7JOE/BY1

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

134. Re: on -air performance

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-25 22:42:24 UTC
From: Papadad
Topic: 132 Message: 134

No noise blanker.... Could limit versatility as a in vehicle mobile rig - It is tiny... Putting it in-dash with a solid state 150-400 watt amp under the seat seems like an interesting idea. Especially with 5 watts SSB output, this rig can drive the many "hf" mobile amps that are on the market just fine.

The total harmonic distortion of audio especially at highest volume levels is being investigated. It May just be small internal speaker size. It Does not seem as distorted when an external speaker is in use.

Joe. K7JOE/BY1

135. RE: [X1M_QRP-Transceiver] Re: on -air performance

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-25 23:01:15 UTC
From: Fred VE3FAL
Topic: 132 Message: 135

Agree Joe..I think it is just speaker size as well, and make sure you have adequate power to it and not running a wall wart as you hear some pretty interesting sounds if you do.

NB, Filters for SSB and CW.otherwise not sure at this time what else it could need or should have.

Only thing is for a good amp you pay good $$$, so for the radio and amp you would be close to the price of a FT-718 but again it will not fit in the dash.

So a bit of win some and lose some..

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Papadad
Sent: April 25, 2013 6:42 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: on -air performance

No noise blanker.... Could limit versatility as a in vehicle mobile rig - It is tiny... Putting it in-dash with a solid state 150-400 watt amp under the seat seems like an interesting idea. Especially with 5 watts SSB output, this rig can drive the many "hf" mobile amps that are on the market just fine.

The total harmonic distortion of audio especially at highest volume levels is being investigated. It May just be small internal speaker size. It Does not seem as distorted when an external speaker is in use.

Joe. K7JOE/BY1

136. RE: [X1M_QRP-Transceiver] Re: on -air performance

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-26 00:27:48 UTC
From: ken fest
Topic: 132 Message: 136

This radio would be a great match for the HF amp that was in QST I believe in June of 2011 issue. That amp used cheap 98 cent switching transistors to produce 50 watts. Less on 10 meters but still a nice match for this little HF radio.

--- On Thu, 4/25/13, Fred VE3FAL <flesnick@...> wrote:

From: Fred VE3FAL <flesnick@...>
Subject: RE: [X1M_QRP-Transceiver] Re: on -air performance
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Thursday, April 25, 2013, 7:01 PM

Agree Joe..I think it is just speaker size as well, and make sure you have adequate power to it and not running a wall wart as you hear some pretty interesting sounds if you do. NB, Filters for SSB and CW…otherwise not sure at this time what else it could need or should have. Only thing is for a good amp you pay good $$$, so for the radio and amp you would be close to the price of a FT-718 but again it will not fit in the dash… So a bit of win some and lose some…. FredVE3FAL From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Papadad
Sent: April 25, 2013 6:42 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: on -air performance No noise blanker.... Could limit versatility as a in vehicle mobile rig - It is tiny... Putting it in-dash with a solid state 150-400 watt amp under the seat seems like an interesting idea. Especially with 5 watts SSB output, this rig can drive the many "hf" mobile amps that are on the market just fine.

The total harmonic distortion of audio especially at highest volume levels is being investigated. It May just be small internal speaker size. It Does not seem as distorted when an external speaker is in use.

Joe. K7JOE/BY1

137. RE: [X1M_QRP-Transceiver] Re: on -air performance

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-26 00:33:21 UTC
From: Fred VE3FAL
Topic: 132 Message: 137

Yea for sure, I forget about all those other amps out there..I am a die hard QRPer and usually don't look at that..My backpack radio runs about 20w max when pedestrian portable…

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ken fest
Sent: April 25, 2013 8:28 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] Re: on -air performance

This radio would be a great match for the HF amp that was in QST I believe in June of 2011 issue. That amp used cheap 98 cent switching transistors to produce 50 watts. Less on 10 meters but still a nice match for this little HF radio.

--- On Thu, 4/25/13, Fred VE3FAL <flesnick@tbaytel.net> wrote:

From: Fred VE3FAL <flesnick@...>
Subject: RE: [X1M_QRP-Transceiver] Re: on -air performance
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Thursday, April 25, 2013, 7:01 PM

Agree Joe..I think it is just speaker size as well, and make sure you have adequate power to it and not running a wall wart as you hear some pretty interesting sounds if you do.

NB, Filters for SSB and CW…otherwise not sure at this time what else it could need or should have.

Only thing is for a good amp you pay good $$$, so for the radio and amp you would be close to the price of a FT-718 but again it will not fit in the dash…

So a bit of win some and lose some….

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Papadad
Sent: April 25, 2013 6:42 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: on -air performance

No noise blanker.... Could limit versatility as a in vehicle mobile rig - It is tiny... Putting it in-dash with a solid state 150-400 watt amp under the seat seems like an interesting idea. Especially with 5 watts SSB output, this rig can drive the many "hf"

mobile amps that are on the market just fine.

The total harmonic distortion of audio especially at highest volume levels is being investigated. It May just be small internal speaker size. It Does not seem as distorted when an external speaker is in use.

Joe. K7JOE/BY1

138. Re: on -air performance

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-26 14:19:15 UTC
From: Neil Goldstein
Topic: 138 Message: 138

This intrigued me, so I went looking for it. Here is the article:

AUG 2010 - *QST* (PG. 35)
A Multiband 50 W Linear Amplifier
(Feature)

Author: Veatch, Jim, WA2EUJ

The Board is available here, as well as BOM and Schematic PDFs:
http://www.hobbypcb.com/amateur-radio/amateur-radio/wa2euj-50w-amplifier-board.html?vmcchk=1

--Neil W2NDG

radiokitguide.com

139. Re: [X1M_QRP-Transceiver] Re: on -air performance

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-26 20:22:25 UTC
From: ken fest
Topic: 138 Message: 139

I built this amp when the magazine article first came out. I made my own board to fit in the small area where the power amp sits in an old Yaesu FT-7. It worked very well.
It is very cheap to build and very cheap to repair. The gain/output is reduced at the higher frequencies but perfectly acceptable for determined QRP operators. I made a driver stage from an old CB transistor (2166) and was able to drive it from the 5mw out of the FT-7 driver stage.

--- On Fri, 4/26/13, Neil Goldstein <neilgoldstein@...> wrote:

From: Neil Goldstein <neilgoldstein@...>
Subject: [X1M_QRP-Transceiver] Re: on -air performance
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, April 26, 2013, 10:19 AM

This intrigued me, so I went looking for it. Here is the article:

AUG 2010 - QST (PG. 35)A Multiband 50 W Linear Amplifier
(Feature)
Author: Veatch, Jim, WA2EUJ

The Board is available here, as well as BOM and Schematic PDFs: http://www.hobbypcb.com/amateur-radio/amateur-radio/wa2euj-50w-amplifier-board.html?vmcchk=1

--Neil W2NDG

radiokitguide.com

140. Re: X1M and HRD

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-26 21:07:04 UTC
From: mht955
Topic: 128 Message: 140

Hi Guys, just got my X1M the other day. What type of interface cable are you all using? The one for FT-817 has a DIN connector. This one uses a serial connection.
Thanks,
Mark....KV8T

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Howard the egg is hard boiled so it wont break and get all over me..
>
> Yes I have set up for the IC-718, put all parameters in automode to find com
> port and baud rate and still no go.
>
> I have tested all cables and gender benders to make sure they work with
> other rigs and no problem.
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> I am testing and reviewing the rig for a write up and wanted to test the
> computer control.
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>
> The cw mode works great and worked Italy on it today, I am waiting for the
> local 80 meter net to start to test SSB as I was told yesterday that the
> mike audio was over driven.
>
>
>
> Ok, back to boiling more egss until I get an answer..
>
> But one problem is there is nowhere to set comm. Port baud rate on the
> radio.
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>
> Wish I could ask BG8HT what I need to do?
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> Fred
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> VE3FAL
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>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Howard Small
> Sent: April 23, 2013 7:27 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: RE: [X1M_QRP-Transceiver] X1M and HRD
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> Hi Fred
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>
> I do not have one of these rigs and I guess I am telling you how to suck
> eggs, but.
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> If I recall, there was an earlier post that said the X1M was compatible with
> the IC718 for HRD. Have you set HRD up for that?
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> 73
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> Howard
>
> VK4BS
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> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of fred
> Sent: Wednesday, 24 April 2013 8:33 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] X1M and HRD
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>
> Gang has anyone had any luck getting the X1M to communicate with Ham radio
> Deluxe..I can not get the two to communicate with each other.
>
> Fred

> VE3FAL
>

141. RE: [X1M_QRP-Transceiver] Re: X1M and HRD

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-26 21:12:05 UTC
From: Fred VE3FAL
Topic: 128 Message: 141

Mark we need a factory made cable to interface, I think they are making them so we can run the radio through HRD.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of mht955
Sent: April 26, 2013 5:07 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: X1M and HRD

Hi Guys, just got my X1M the other day. What type of interface cable are you all using? The one for FT-817 has a DIN connector. This one uses a serial connection.
Thanks,
Mark....KV8T

--- In X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL" <flesnick@...> wrote:
>
> Howard the egg is hard boiled so it wont break and get all over me..
>
> Yes I have set up for the IC-718, put all parameters in automode to find com
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> I am testing and reviewing the rig for a write up and wanted to test the
> computer control.
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> The cw mode works great and worked Italy on it today, I am waiting for the
> local 80 meter net to start to test SSB as I was told yesterday that the
> mike audio was over driven.
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> Ok, back to boiling more egss until I get an answer..

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> But one problem is there is nowhere to set comm. Port baud rate on the
> radio.
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> Wish I could ask BG8HT what I need to do?
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> Fred
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> VE3FAL
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> From: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of Howard Small
> Sent: April 23, 2013 7:27 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> Subject: RE: [X1M_QRP-Transceiver] X1M and HRD
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> Hi Fred
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> I do not have one of these rigs and I guess I am telling you how to suck
> eggs, but.
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> If I recall, there was an earlier post that said the X1M was compatible
with
> the IC718 for HRD. Have you set HRD up for that?
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> 73
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> Howard
>
> VK4BS
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> From: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of fred
> Sent: Wednesday, 24 April 2013 8:33 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> Subject: [X1M_QRP-Transceiver] X1M and HRD
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> Gang has anyone had any luck getting the X1M to communicate with Ham radio
> Deluxe..I can not get the two to communicate with each other.
>
> Fred
> VE3FAL
>

142. RE: [X1M_QRP-Transceiver] Re: X1M and HRD

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-27 06:37:39 UTC
From: K4AX
Topic: 128 Message: 142

Just use a serial cable, or serial to usb I'd think.

Sent from Samsung Mobile

-------- Original message --------
From: mht955 <mhtent@gmail.com>
Date: 04/26/2013 5:07 PM (GMT-05:00)
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: X1M and HRD

Hi Guys, just got my X1M the other day. What type of interface cable are you all using? The one for FT-817 has a DIN connector. This one uses a serial connection.
Thanks,
Mark....KV8T

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Howard the egg is hard boiled so it wont break and get all over me..
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> Yes I have set up for the IC-718, put all parameters in automode to find com
> port and baud rate and still no go.
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> I have tested all cables and gender benders to make sure they work with
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> computer control.
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> The cw mode works great and worked Italy on it today, I am waiting for the
> local 80 meter net to start to test SSB as I was told yesterday that the
> mike audio was over driven.
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> Ok, back to boiling more egss until I get an answer..
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> But one problem is there is nowhere to set comm. Port baud rate on the
> radio.
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> Wish I could ask BG8HT what I need to do?

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> Fred
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> VE3FAL
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> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Howard Small
> Sent: April 23, 2013 7:27 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: RE: [X1M_QRP-Transceiver] X1M and HRD
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> Hi Fred
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> I do not have one of these rigs and I guess I am telling you how to suck
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> If I recall, there was an earlier post that said the X1M was compatible with
> the IC718 for HRD. Have you set HRD up for that?
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> Howard
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> VK4BS
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>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of fred
> Sent: Wednesday, 24 April 2013 8:33 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] X1M and HRD

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> Gang has anyone had any luck getting the X1M to communicate with Ham radio
> Deluxe..I can not get the two to communicate with each other.
>
> Fred
> VE3FAL
>

143. RE: [X1M_QRP-Transceiver] Re: X1M and HRD

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-27 11:51:06 UTC
From: Fred VE3FAL
Topic: 128 Message: 143

Tried a few different cables and gender bender here and different software, none will work. Need factory made cable.

That has also been updated on the webpage when ordering radio.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of K4AX
Sent: April 27, 2013 2:38 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] Re: X1M and HRD

Just use a serial cable, or serial to usb I'd think.

Sent from Samsung Mobile

-------- Original message --------
From: mht955 <mhtent@...>
Date: 04/26/2013 5:07 PM (GMT-05:00)
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: X1M and HRD

Hi Guys, just got my X1M the other day. What type of interface cable are you all using? The one for FT-817 has a DIN connector. This one uses a serial connection.
Thanks,
Mark....KV8T

--- In X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, "Fred VE3FAL" <flesnick@...> wrote:
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> Fred
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> VE3FAL
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> From: X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of Howard Small
> Sent: April 23, 2013 7:27 PM
> To: X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> Subject: RE: [X1M_QRP-Transceiver] X1M and HRD
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> Hi Fred
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> From: X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of fred
> Sent: Wednesday, 24 April 2013 8:33 AM
> To: X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> Subject: [X1M_QRP-Transceiver] X1M and HRD
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> Gang has anyone had any luck getting the X1M to communicate with Ham radio
> Deluxe..I can not get the two to communicate with each other.
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> Fred
> VE3FAL
>

144. Re: [X1M_QRP-Transceiver] Re: X1M and HRD

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-27 23:54:27 UTC
From: Mark
Topic: 128 Message: 144

Fred,
Wonder where you purchased yours from? I bought mine from Importcommunications.com, I have sent an email to them to see if one is available.
Thanks,
Mark

Sent from my iPad

On Apr 27, 2013, at 7:51 AM, "Fred VE3FAL" <flesnick@...> wrote:

> Tried a few different cables and gender bender here and different software, none will work. Need factory made cable.
>
> That has also been updated on the webpage when ordering radio.
>
>
>
> Fred
>
> VE3FAL
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> From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of K4AX
> Sent: April 27, 2013 2:38 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: RE: [X1M_QRP-Transceiver] Re: X1M and HRD
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>
> Just use a serial cable, or serial to usb I'd think.
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>
>
> Sent from Samsung Mobile
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>
> -------- Original message --------
> From: mht955 <mhtent@...>

> Date: 04/26/2013 5:07 PM (GMT-05:00)
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Re: X1M and HRD
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> Hi Guys, just got my X1M the other day. What type of interface cable are you all using? The one for FT-817 has a DIN connector. This one uses a serial connection.
> Thanks,
> Mark....KV8T
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> --- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
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> > Howard the egg is hard boiled so it wont break and get all over me..
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> > Fred

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> > VE3FAL
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> >
> > From: X1M_QRP-Transceiver@yahoogroups.com
> > [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Howard Small
> > Sent: April 23, 2013 7:27 PM
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Subject: RE: [X1M_QRP-Transceiver] X1M and HRD
> >
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> > Howard
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> >
> > From: X1M_QRP-Transceiver@yahoogroups.com
> > [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of fred
> > Sent: Wednesday, 24 April 2013 8:33 AM
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Subject: [X1M_QRP-Transceiver] X1M and HRD
> >
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> > Gang has anyone had any luck getting the X1M to communicate with Ham radio

> > Deluxe..I can not get the two to communicate with each other.
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145. RE: [X1M_QRP-Transceiver] Re: X1M and HRD

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-28 01:14:54 UTC
From: Fred VE3FAL
Topic: 128 Message: 145

Mark:

Hello from Thunder Bay Ontario….

I got my X1M from Ed at import, I am beta testing the unit and putting it through the ringer as they say.

I tested the first version back in August 2012 and the little radio had lots of potential but needed lots of little tweaks for all the horsepower under the hood.

I can say that this radio has come a long way since August 2012…It could use a few things still like cw and ssb filtering but it has proven well for me on cw, did some ssb tests today and it seems fine for 5 watts depending on propagation of course.

Ed will not steer you wrong so enjoy your X1M.. Not sure when full blown production takes place.

Cheers

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Mark
Sent: April 27, 2013 7:54 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: X1M and HRD

Fred,

Wonder where you purchased yours from? I bought mine from Importcommunications.com, I have sent an email to them to see if one is available.

Thanks,

Mark

Sent from my iPad

On Apr 27, 2013, at 7:51 AM, "Fred VE3FAL" <flesnick@...> wrote:

Tried a few different cables and gender bender here and different software, none will work. Need factory made cable.

That has also been updated on the webpage when ordering radio.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@...m] On Behalf Of K4AX
Sent: April 27, 2013 2:38 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] Re: X1M and HRD

Just use a serial cable, or serial to usb I'd think.

Sent from Samsung Mobile

-------- Original message --------
From: mht955 <mhtent@gmail.com>
Date: 04/26/2013 5:07 PM (GMT-05:00)
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: X1M and HRD

Hi Guys, just got my X1M the other day. What type of interface cable are you all using? The one for FT-817 has a DIN connector. This one uses a serial connection.
Thanks,
Mark....KV8T

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> Sent: Wednesday, 24 April 2013 8:33 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
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> Deluxe..I can not get the two to communicate with each other.
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> Fred
> VE3FAL
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146. Re: [X1M_QRP-Transceiver] X1M and HRD

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-28 01:56:21 UTC
From: Buddy Brannan
Topic: 128 Message: 146

So then, is consensus that it *doesn't* use a standard RS232 type connection? Or does it, but they've purposely buggered the wiring so you have to use their cable?

I'm suspecting a lack of front panel controls, so eyes-free operation without a computer would be kind of difficult. However, this may be motivation to learn something useful and work out something with say a Raspberry Pi and Espeak or morse output or some such thing. This would seem possible if it really uses the Icom command set.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On Apr 27, 2013, at 9:14 PM, Fred VE3FAL <flesnick@...> wrote:

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> Mark:
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> Hello from Thunder Bay Ontario….
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> Cheers
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> From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com]
On Behalf Of Mark
> Sent: April 27, 2013 7:54 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: Re: [X1M_QRP-Transceiver] Re: X1M and HRD
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> From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com]
On Behalf Of K4AX
> Sent: April 27, 2013 2:38 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: RE: [X1M_QRP-Transceiver] Re: X1M and HRD
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> > Sent: April 23, 2013 7:27 PM
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Subject: RE: [X1M_QRP-Transceiver] X1M and HRD
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> > Howard
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> > From: X1M_QRP-Transceiver@yahoogroups.com
> > [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of fred
> > Sent: Wednesday, 24 April 2013 8:33 AM
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Subject: [X1M_QRP-Transceiver] X1M and HRD
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147. RE: [X1M_QRP-Transceiver] X1M and HRD

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-28 02:18:22 UTC
From: Fred VE3FAL
Topic: 128 Message: 147

Buddy:
I tried various cables, gender changers, and software, none would communicate or handshake with the rig.
One thing that is missing is the communication speed or baud connection.
Now, with that being said, maybe RS232 is not a good item to have on this radio and should be a USB connection?

I am trying to throw some ideas around here, definitely computer control of the rig would be a great asset in the shack at home due to the size of the rig and display. I t would make band and frequency changes a bit easier as well I would suspect.

One thing that I noticed is that you can't go from a memory channel to that band by going to the vfo, the vfo will take you to the last frequency you were on, I say this because if you are on a memory channel on a FT857 spin the dial it will bring you to VFO mode for that frequency.

Fred
VE3FAL

-----Original Message-----
From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Buddy Brannan
Sent: April 27, 2013 9:56 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] X1M and HRD

So then, is consensus that it *doesn't* use a standard RS232 type connection? Or does it, but they've purposely buggered the wiring so you have to use their cable?

I'm suspecting a lack of front panel controls, so eyes-free operation without a computer would be kind of difficult. However, this may be motivation to learn something useful and work out something with say a Raspberry Pi and Espeak or morse output or some such thing. This would seem possible if it really uses the Icom command set.
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Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On Apr 27, 2013, at 9:14 PM, Fred VE3FAL <flesnick@...> wrote:

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> Mark:
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Yahoo! Groups Links

148. Re: [X1M_QRP-Transceiver] X1M and HRD

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-28 02:30:03 UTC
From: Buddy Brannan
Topic: 128 Message: 148

Hi Fred,

For my specific need, i.e. control and readout available non visually, with morse or synthesized speech, of course a computer would work, but having something as portable as the rig itself would be even better. Fortunately (for me, anyway, since I'm not very smart), it appears that a lot of the heavy lifting may already be done, if interfacing to the Pi can be accomplished. It has two USB connections (I think) plus lots of GPIO pins. I suspect the computer end of the cable for this thing *is* USB, but does it have a USB to serial converter in it like most of the handheld radios have? Time will tell, I suppose. But it looks like someone has gotten ham lib to work, so making that output to synthesized speech or morse would be the interesting bit. I guess. Should be an interesting project, anyway, especially if the accessibility can be done with cheap hardware, and it doesn't get a lot cheaper than the Pi.

So, I guess I have o get myself a Pi next.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

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> Buddy:
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> >
> > From: X1M_QRP-Transceiver@yahoogroups.com
> > [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Mark
> > Sent: April 27, 2013 7:54 PM
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Subject: Re: [X1M_QRP-Transceiver] Re: X1M and HRD
> >
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> >
> > Fred,
> >
> > Wonder where you purchased yours from? I bought mine from
> Importcommunications.com, I have sent an email to them to see if one is
> available.
> >
> > Thanks,
> >
> > Mark
> >
> > Sent from my iPad
> >
> >
> > On Apr 27, 2013, at 7:51 AM, "Fred VE3FAL" <flesnick@...> wrote:
> >
> >
> >
> > Tried a few different cables and gender bender here and different
> software, none will work. Need factory made cable.
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> > That has also been updated on the webpage when ordering radio.
> >
> >
> >
> > Fred
> >
> > VE3FAL
> >
> >
> >
> > From: X1M_QRP-Transceiver@yahoogroups.com
> > [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of K4AX
> > Sent: April 27, 2013 2:38 AM

> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Subject: RE: [X1M_QRP-Transceiver] Re: X1M and HRD
> >
> >
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> >
> >
> > Just use a serial cable, or serial to usb I'd think.
> >
> >
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> >
> > Sent from Samsung Mobile
> >
> >
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> >
> > -------- Original message --------
> > From: mht955 <mhtent@...>
> > Date: 04/26/2013 5:07 PM (GMT-05:00)
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Subject: [X1M_QRP-Transceiver] Re: X1M and HRD
> >
> >
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> >
> > Hi Guys, just got my X1M the other day. What type of interface cable are
> you all using? The one for FT-817 has a DIN connector. This one uses a
> serial connection.
> > Thanks,
> > Mark....KV8T
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...>
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> > > > Yes I have set up for the IC-718, put all parameters in automode to
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> > > >
> > > > I have tested all cables and gender benders to make sure they work
> > > > with other rigs and no problem.
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> > > >
> > > >
> > > > I am testing and reviewing the rig for a write up and wanted to test
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> > >
> > >
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> > > yesterday that the mike audio was over driven.
> > >
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> > >
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> > >
> > >
> > >
> > >
> > >
> > > Fred
> > >
> > > VE3FAL
> > >
> > >
> > >
> > > From: X1M_QRP-Transceiver@yahoogroups.com
> > > [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Howard
> > > Small
> > > Sent: April 23, 2013 7:27 PM
> > > To: X1M_QRP-Transceiver@yahoogroups.com
> > > Subject: RE: [X1M_QRP-Transceiver] X1M and HRD
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> > >
> > >
> > >
> > >
> > > Hi Fred
> > >
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> > >
> > > I do not have one of these rigs and I guess I am telling you how to
> > > suck eggs, but.
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> > >
> > >
> > > If I recall, there was an earlier post that said the X1M was
> > > compatible with the IC718 for HRD. Have you set HRD up for that?
> > >

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> > >
> > > 73
> > >
> > >
> > >
> > > Howard
> > >
> > > VK4BS
> > >
> > >
> > >
> > > From: X1M_QRP-Transceiver@yahoogroups.com
> > > [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of fred
> > > Sent: Wednesday, 24 April 2013 8:33 AM
> > > To: X1M_QRP-Transceiver@yahoogroups.com
> > > Subject: [X1M_QRP-Transceiver] X1M and HRD
> > >
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> > >
> > > Gang has anyone had any luck getting the X1M to communicate with Ham
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> > > Fred
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> Yahoo! Groups Links
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149. Re: X1M and HRD

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-28 06:27:53 UTC
From: ballardian36
Topic: 128 Message: 149

Hi Fred and Buddy,

I don't have a rig yet to test my theory out but I'll share it with you in case one of you hasn't tried it yet and wants to. If you've already tried it and it doesn't work -- drats. Otherwise my reading about the Icom-718 and a limited knowledge of serial port communication makes me think...

It uses a TTL level serial port running at 1200 bps.

Here is the longer reasoning....

1) The rig probably uses TTL level serial communications (0v-1v range & positive voltage as the "1"; negative voltage as the "0") b/c most rigs seem to
2) While the serial port on a computer dumps out RS-232 levels (something like -13v to +13v and negative voltage as the "1";positive voltage as "0")

So I'd expect to need some serial port level converter (Rs-232 to TTL) for it to work if you were coming out of a standard serial port on a computer. And if you are using a generic USB Serial Cable I suspect it would talk RS-232 but if you are using one made for a ham radio I'd expect it to do TTL by default. But alas I don't actually know.

As for baud rate the Icom CT-17 which is the device the Icom-718 uses for remote command uses a 1200 bps rate. I'd expect software that has predefined "Rig Profiles" to include the baud rate of the communication for each rig (but I could be wrong -- I've never tried). Therefore, I'd expect the baud rate to be the same as the Icom-718.

With all that being said it could be a funky pin out on top of it all or nothing like it.

Hope my thoughts can add more fuel to the fire and not just be a repeat of whats already been done/said. I look forward to getting mine soon so I can report success or failures instead of just theories!

-Chris
KC8MUS

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Buddy:
> I tried various cables, gender changers, and software, none would
> communicate or handshake with the rig.
> One thing that is missing is the communication speed or baud connection.
> Now, with that being said, maybe RS232 is not a good item to have on this
> radio and should be a USB connection?
>
> I am trying to throw some ideas around here, definitely computer control of
> the rig would be a great asset in the shack at home due to the size of the
> rig and display. I t would make band and frequency changes a bit easier as

> well I would suspect.
>
> One thing that I noticed is that you can't go from a memory channel to that
> band by going to the vfo, the vfo will take you to the last frequency you
> were on, I say this because if you are on a memory channel on a FT857 spin
> the dial it will bring you to VFO mode for that frequency.
>
> Fred
> VE3FAL
>
> -----Original Message-----
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Buddy Brannan
> Sent: April 27, 2013 9:56 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: Re: [X1M_QRP-Transceiver] X1M and HRD
>
> So then, is consensus that it *doesn't* use a standard RS232 type
> connection? Or does it, but they've purposely buggered the wiring so you
> have to use their cable?
>
> I'm suspecting a lack of front panel controls, so eyes-free operation
> without a computer would be kind of difficult. However, this may be
> motivation to learn something useful and work out something with say a
> Raspberry Pi and Espeak or morse output or some such thing. This would seem
> possible if it really uses the Icom command set.
> --
> Buddy Brannan, KB5ELV - Erie, PA
> Phone: (814) 860-3194 or 888-75-BUDDY
>
>
>
> On Apr 27, 2013, at 9:14 PM, Fred VE3FAL <flesnick@...> wrote:
>
> >
> > Mark:
> >
> >
> >
> > Hello from Thunder Bay Ontario..
> >
> >
> >
> > I got my X1M from Ed at import, I am beta testing the unit and putting it
> through the ringer as they say.
> >
> > I tested the first version back in August 2012 and the little radio had
> lots of potential but needed lots of little tweaks for all the horsepower
> under the hood.
> >

> >
> >
> > I can say that this radio has come a long way since August 2012.It could
> use a few things still like cw and ssb filtering but it has proven well for
> me on cw, did some ssb tests today and it seems fine for 5 watts depending
> on propagation of course.
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> >
> > Ed will not steer you wrong so enjoy your X1M.. Not sure when full blown
> production takes place.
> >
> >
> >
> > Cheers
> >
> >
> >
> > Fred
> >
> > VE3FAL
> >
> >
> >
> > From: X1M_QRP-Transceiver@yahoogroups.com
> > [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Mark
> > Sent: April 27, 2013 7:54 PM
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Subject: Re: [X1M_QRP-Transceiver] Re: X1M and HRD
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> serial connection.
> > Thanks,
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> > > Fred
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> > > VE3FAL
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> Yahoo! Groups Links
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150. A weekend with the Xiegu X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-29 19:06:12 UTC
From: myndzblank
Topic: 150 Message: 150

This is a copy of my post over at AmateurRadio.com

So, I have now had the X1M since Friday. I have to say that overall, I like it. Friday night I checked in to the Brothers Net, and was heard clearly in Virginia, and again on Saturday night, when one of the members in Virginia relayed my check-in to the operator in Maryland. Also on Saturday I logged 5 of the 7 Florida QSO Party spelling bee stations from my living room, as well as a couple of other Florida stations. Reports ranged from good for QRP, to Wow! Only 5 Watts? Keep in mind this is in a much-less-than-ideal setup.

In our apartment, KD2CHE and I are extremely limited on space, inside AND out. The X1M is attached to an L-shaped random wire in the front yard, by way of a Balun Designs 9:1 Unun, and an Emtech ZM2 tuner. Emtech recommends not using an additional balun or unun, but it seems to perform a little better with this crazy antenna.

It tunes up on most bands, and appears to tune up on 75, but signal reports were bad on 75, with a lot of RF feedback, and I can hear myself in the speakers I have attached to our TV when I transmit. 17 meters seems to be an issue with the TV speakers as well. I'd love to put up something better in the front yard, but we'll see what the landlord and neighbors are willing to put up with. 160, by the way is a no-go, but I don't think that's a surprise.

I've gotten the hang of using the X1M pretty quickly. I haven't used the memories yet, but I use the dual VFOs quite a bit, as well all of the different tuning speeds. Everything is fairly straight forward once you get the hang of it. Audio is what you would expect for a radio of this size (this thing is SMALL!), and fine through headphones. The receiver is very sensitive. I'll get some actual numbers next weekend. I like that you can kill the display light to conserve batteries, which will help when portable.

I've tried battery power. With 8 alkaline AAs the radio seems to perform OK, however, 8 LiIon batteries are not quite enough voltage for the rig, producing some howls and distortion with the volume above about 40%. I guess I'm not too surprised at this, since 8 FULLY charged AA Eneloops only put out 9.6 volts. I will supplement that with 4 more Eneloops in series for a max of 14.4 volts. Later on, I can pick up something a little more sophisticated. I also made a coax-to-powerpole cable for mobile use, so I can always just set up next to the car when needed.

A coax power plug for making your own power cord, and a 1/8″ stereo (3 cond) plug for wiring to a key/paddle are included. The power connector is a very common size, 5.5mm OD x 2.1mm ID, or Radio Shack size M, which made powering the radio up easy, since I had a size M-to-tinned-leads cable already. I wired a straight-key up to the 1/8″ plug, and had to set the keyer mode to manual, which was also not hard to figure out. The instructions are in Chinese, but an English translated manual is available from Import Communications, or in the X1M Yahoo group.

I think the little X1M has a nice future in my collection. It's no KX3, but for about $300, it's a nice little radio.

To be continued ..

--Neil W2NDG

151. RE: [X1M_QRP-Transceiver] A weekend with the Xiegu X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-29 19:17:01 UTC
From: Fred VE3FAL
Topic: 150 Message: 151

Neil great review.

That might explain why I was having trouble being heard on 80 meters as well, but I still do not rule out net control lack of experience as I was heard about 3.5 hours west of here when the NCS in the City had a hard time making me out..

I had my manpack radio outside on Saturday and played in the 20c temps all day.I had my friend listen and talk to me from outside on 40 meters using SSB and he said the radio sounded good on SSB. I had to hold the mike at breast height and talk, he said if I held it closer that it was HOT for sure.

I sure can't knock it for cw though, as CW is my forte and I have no use for SSB at any time.

I agree it is a great little performer and the more that we experiment and play the more we will know what this rig needs to make it the ultimate portable radio.

Fred

VE3FAL

Beta tester/experimenter

Digital NBEMS tester

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of myndzblank
Sent: April 29, 2013 3:06 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] A weekend with the Xiegu X1M

This is a copy of my post over at AmateurRadio.com

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To be continued.....

--Neil W2NDG

152. Re: A weekend with the Xiegu X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-29 19:38:46 UTC
From: myndzblank
Topic: 150 Message: 152

Hopefully I'll get to try it on CW sometime soon (learning). The issue with 80 Meters I think was more of an antenna issue on my part.

I'm used to holding a mic pretty much in my face. I'll have to have someone check it out if what you're saying is the case.

Enjoy!

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
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> Neil great review.
>
>
>
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> Fred
>
> VE3FAL

>
> Beta tester/experimenter
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> Digital NBEMS tester
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> Sent: April 29, 2013 3:06 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
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>
> I've gotten the hang of using the X1M pretty quickly. I haven't used the
> memories yet, but I use the dual VFOs quite a bit, as well all of the
> different tuning speeds. Everything is fairly straight forward once you get
> the hang of it. Audio is what you would expect for a radio of this size

> (this thing is SMALL!), and fine through headphones. The receiver is very
> sensitive. I'll get some actual numbers next weekend. I like that you can
> kill the display light to conserve batteries, which will help when portable.
>
> I've tried battery power. With 8 alkaline AAs the radio seems to perform OK,
> however, 8 LiIon batteries are not quite enough voltage for the rig,
> producing some howls and distortion with the volume above about 40%. I guess
> I'm not too surprised at this, since 8 FULLY charged AA Eneloops only put
> out 9.6 volts. I will supplement that with 4 more Eneloops in series for a
> max of 14.4 volts. Later on, I can pick up something a little more
> sophisticated. I also made a coax-to-powerpole cable for mobile use, so I
> can always just set up next to the car when needed.
>
> A coax power plug for making your own power cord, and a 1/8″ stereo (3
> cond) plug for wiring to a key/paddle are included. The power connector is a
> very common size, 5.5mm OD x 2.1mm ID, or Radio Shack size M, which made
> powering the radio up easy, since I had a size M-to-tinned-leads cable
> already. I wired a straight-key up to the 1/8″ plug, and had to set
> the keyer mode to manual, which was also not hard to figure out. The
> instructions are in Chinese, but an English translated manual is available
> from Import Communications, or in the X1M Yahoo group.
>
> I think the little X1M has a nice future in my collection. It's no KX3, but
> for about $300, it's a nice little radio.
>
> To be continued.....
>
> --Neil W2NDG
>

153. eHam

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-04-29 20:55:13 UTC
From: myndzblank
Topic: 153 Message: 153

I added the X1M to the reviews section of eHam, and gave it a 4 out of 5.

154. S Meter?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-02 10:19:07 UTC
From: g1kqh
Topic: 154 Message: 154

Anyone know if an S Meter is going to be included on the display as a mod update?

An S meter has to be a must before I would really consider this radio.

73 Steve

G1KQH

155. Re: S Meter?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-02 11:52:39 UTC
From: kingfish_stevens
Topic: 154 Message: 155

I doubt there will be any updates, so no S-meter. I'm curious as to why no S-meter is a deal killer and if others feel the same way?

Regards,
Ed Griffin
Import Communications

--- In X1M_QRP-Transceiver@yahoogroups.com, "g1kqh" <g1kqh.ham@...> wrote:
>
> Anyone know if an S Meter is going to be included on the display as a mod update?
>
> An S meter has to be a must before I would really consider this radio.
>
> 73 Steve
>
> G1KQH
>

156. Re: [X1M_QRP-Transceiver] Re: S Meter?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-02 12:21:50 UTC
From: VE3FAL-Fred
Topic: 154 Message: 156

An S meter I can live without, I usually go by hearing when I give an honest report...if an S meter were incorporated it should also indicate power output, or some form of high swr indicator, that to me would be more information and something I could use that would save the radio finals.. But that is my .2 cents worth.

Not too many of my qrp rigs in the past had any form of S meter.

Thanks
Fred VE3FAL
--
CIW649/VE3FALCFARS MemberSATERN MemberSATERN Amateur Radio Liaison Officer Great Lakes Regionhttp://www.satern.orgDEC Amethyst District AREShttp://www.thunderbay.emergencyradio.ca/

On Thu, 02 May 2013 11:52:39 -0000
"kingfish_stevens" wrote:
I doubt there will be any updates, so no S-meter. I'm curious as to why no
S-meter is a deal killer and if others feel the same way?

Regards,
Ed Griffin
Import Communications

--- In X1M_QRP-Transceiver@yahoogroups.com, "g1kqh" wrote:
>
> Anyone know if an S Meter is going to be included on the display as a mod
>update?
>
> An S meter has to be a must before I would really consider this radio.
>
> 73 Steve
>
> G1KQH
>

157. Re: [X1M_QRP-Transceiver] Re: S Meter?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-02 12:52:30 UTC
From: Buddy Brannan
Topic: 154 Message: 157

I'm as curious as you, Ed. I've been operating for 25 years effectively without an S meter (I'm blind, so can't read the ones that are in my radios anyway). Ears work great for that. Use those instead. And what do you want for $300 anyways?!
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On May 2, 2013, at 7:52 AM, "kingfish_stevens" <ed@wouxun.us> wrote:

> I doubt there will be any updates, so no S-meter. I'm curious as to why no S-meter is a deal killer and if others feel the same way?
>
> Regards,
> Ed Griffin
> Import Communications
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "g1kqh" <g1kqh.ham@...> wrote:
> >
> > Anyone know if an S Meter is going to be included on the display as a mod update?
> >
> > An S meter has to be a must before I would really consider this radio.
> >
> > 73 Steve
> >
> > G1KQH
> >
>
>

158. Re: [X1M_QRP-Transceiver] Re: S Meter?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-02 14:13:02 UTC
From: qrv@kd4e.com
Topic: 154 Message: 158

LDG sells an outboard SWR/PWR meter for the FT-857.

Yaesu is still selling the FT-857 and for a whole lot more than
the little Chinese QRP HF box.

> I'm as curious as you, Ed. I've been operating for 25 years
> effectively without an S meter (I'm blind, so can't read the ones
> that are in my radios anyway). Ears work great for that. Use those
> instead. And what do you want for $300 anyways?! -- Buddy Brannan,
> KB5ELV - Erie, PA Phone: (814) 860-3194 or 888-75-BUDDY
>
>
>
> On May 2, 2013, at 7:52 AM, "kingfish_stevens" <ed@...> wrote:
>
>> I doubt there will be any updates, so no S-meter. I'm curious as to
>> why no S-meter is a deal killer and if others feel the same way?
>>
>> Regards, Ed Griffin Import Communications
>>
>> --- In X1M_QRP-Transceiver@yahoogroups.com, "g1kqh" <g1kqh.ham@...>
>> wrote:
>>>
>>> Anyone know if an S Meter is going to be included on the display
>>> as a mod update?
>>>
>>> An S meter has to be a must before I would really consider this
>>> radio.
>>>
>>> 73 Steve
>>>
>>> G1KQH

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

159. Re: [X1M_QRP-Transceiver] Re: S Meter?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-02 14:46:18 UTC
From: Mark Thompson
Topic: 154 Message: 159

Not at all. I have had my X1M for about 2 weeks now and love it. What is so important about an S meter? Everyone is 5-9 aren't they? You can always pay $500 more for a FT-817, that's an very expensive S meter.
On May 2, 2013 7:52 AM, "kingfish_stevens" <ed@...> wrote:

> **
>
>
> I doubt there will be any updates, so no S-meter. I'm curious as to why no
> S-meter is a deal killer and if others feel the same way?
>
> Regards,
> Ed Griffin
> Import Communications
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "g1kqh" <g1kqh.ham@...> wrote:
> >
> > Anyone know if an S Meter is going to be included on the display as a
> mod update?
> >
> > An S meter has to be a must before I would really consider this radio.
> >
> > 73 Steve
> >
> > G1KQH
> >
>
>
>

160. Re: [X1M_QRP-Transceiver] Re: S Meter?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-02 14:52:38 UTC
From: Tim
Topic: 154 Message: 160

Guess if you 'had to have' an s-meter, you could tack into the AGC line
& do some twiddling there.

Sounds like the start of a 'Mods and Enhancements' group? hehe

Tim W5FN

>
>
> Not at all. I have had my X1M for about 2 weeks now and love it. What
> is so important about an S meter? Everyone is 5-9 aren't they? You can
> always pay $500 more for a FT-817, that's an very expensive S meter.
>
> On May 2, 2013 7:52 AM, "kingfish_stevens" <ed@...
> <mailto:ed@...>> wrote:
>
> I doubt there will be any updates, so no S-meter. I'm curious as
> to why no S-meter is a deal killer and if others feel the same way?
>
> Regards,
> Ed Griffin
> Import Communications
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, "g1kqh"
> <g1kqh.ham@...> wrote:
> >
> > Anyone know if an S Meter is going to be included on the display
> as a mod update?
> >
> > An S meter has to be a must before I would really consider this
> radio.
> >
> > 73 Steve
> >
> > G1KQH
> >
>
>
>
>

161. Re: S Meter?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-02 16:57:44 UTC
From: Gary
Topic: 154 Message: 161

I'm not at all sure that lack of S-meter is what is putting me off about the X1M. I am sure lack of ALC indication (if there is any ALC!) or output power indication is. I definitely want to know if I am over or under driving the output transistor(s).

Gary - N0GW

--- In X1M_QRP-Transceiver@yahoogroups.com, "kingfish_stevens" <ed@...> wrote:
>
> I doubt there will be any updates, so no S-meter. I'm curious as to why no S-meter is a deal killer and if others feel the same way?
>
> Regards,
> Ed Griffin
> Import Communications
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "g1kqh" <g1kqh.ham@> wrote:
> >
> > Anyone know if an S Meter is going to be included on the display as a mod update?
> >
> > An S meter has to be a must before I would really consider this radio.
> >
> > 73 Steve
> >
> > G1KQH
> >
>

163. Re: [X1M_QRP-Transceiver] Re: S Meter?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-03 11:59:01 UTC
From: Mark Thompson
Topic: 154 Message: 163

There is no need as ALC or output power are not adjustable. I always get great signal and audio reports on mine.
On May 2, 2013 12:58 PM, "Gary" <wescom@...> wrote:

> **
>
>
> I'm not at all sure that lack of S-meter is what is putting me off about
> the X1M. I am sure lack of ALC indication (if there is any ALC!) or output
> power indication is. I definitely want to know if I am over or under
> driving the output transistor(s).
>
> Gary - N0GW
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "kingfish_stevens" <ed@...>
> wrote:
> >
> > I doubt there will be any updates, so no S-meter. I'm curious as to why
> no S-meter is a deal killer and if others feel the same way?
> >
> > Regards,
> > Ed Griffin
> > Import Communications
> >
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "g1kqh" <g1kqh.ham@> wrote:
> > >
> > > Anyone know if an S Meter is going to be included on the display as a
> mod update?
> > >
> > > An S meter has to be a must before I would really consider this radio.
> > >
> > > 73 Steve
> > >
> > > G1KQH
> > >
> >
>
>
>

164. Re: S Meter?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-06 15:13:20 UTC
From: Gary
Topic: 154 Message: 164

Mark,

"There is no need as ALC or output power are not adjustable."
Isn't that the point? How do you know if your are speaking too loud or too quiet? Wait for someone to complain? My concern is more about properly adjusting input level for digital mode transmission. I like the idea of a small light transceiver for portable use. Having to take additional monitoring equipment along to set transmit levels kinda negates that advantage.

Gary - N0GW

--- In X1M_QRP-Transceiver@yahoogroups.com, Mark Thompson <mhtent@...> wrote:
>
> There is no need as ALC or output power are not adjustable. I always get
> great signal and audio reports on mine.
> On May 2, 2013 12:58 PM, "Gary" <wescom@...> wrote:
>
> > **
> >
> >
> > I'm not at all sure that lack of S-meter is what is putting me off about
> > the X1M. I am sure lack of ALC indication (if there is any ALC!) or output
> > power indication is. I definitely want to know if I am over or under
> > driving the output transistor(s).
> >
> > Gary - N0GW
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "kingfish_stevens" <ed@>
> > wrote:
> > >
> > > I doubt there will be any updates, so no S-meter. I'm curious as to why
> > no S-meter is a deal killer and if others feel the same way?
> > >
> > > Regards,
> > > Ed Griffin
> > > Import Communications
> > >
> > >
> > > --- In X1M_QRP-Transceiver@yahoogroups.com, "g1kqh" <g1kqh.ham@> wrote:
> > > >
> > > > Anyone know if an S Meter is going to be included on the display as a
> > mod update?
> > > >
> > > > An S meter has to be a must before I would really consider this radio.
> > > >
> > > > 73 Steve

> > > >
> > > > G1KQH
> > > >
> > >
> >
> >
> >
>

165. Re: autotuner for X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-06 23:55:23 UTC
From: W3FIS
Topic: 99 Message: 165

When I get mine, I'll probably use the LDG Z817 that I have for my FT-817ND. Otherwise, a manual one -- MFJ-902 and an SWR bridge.

73 /paul W3FIS

166. Antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-09 22:51:23 UTC
From: W3FIS
Topic: 166 Message: 166

IIRC, somewhere I saw a MiracleWhip <gasp> connected to an X1M. However, I did not recall seeing an SWR bridge, or the like. What was done to tune the whip? Just noise, or had it been tuned with an SWR bridge, and the setting marked (this is what I do with mine)?

Also, has anybody received one of the new ones? BNC, or UHF connector? I believe the photo with the MiracleWhip was done on one of the earlier ones with the UHF connector?

73 /paul W3FIS

167. Re: Antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-10 00:58:55 UTC
From: kf9cm
Topic: 166 Message: 167

Hi Paul,
From what I can gather, the MiracleWhip device is a multi-taped Toroid device with a 2 foot antenna.
At 3.5 MHz it takes a 410uh loading coil to match that 2 foot whip and all this with a Radiation Resistance of .021 ohms.
IMHO it's going to be a miracle if you get a QSO. [:D]

I thought they were out of business.

73 de Gary,KF9CM

--- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" wrote:
>
> IIRC, somewhere I saw a MiracleWhip connected to an X1M. However, I did not recall seeing an SWR bridge, or the like. What was done to tune the whip? Just noise, or had it been tuned with an SWR bridge, and the setting marked (this is what I do with mine)?
>
> Also, has anybody received one of the new ones? BNC, or UHF connector? I believe the photo with the MiracleWhip was done on one of the earlier ones with the UHF connector?
>
> 73 /paul W3FIS
>

168. Re: Antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-10 01:05:42 UTC
From: W3FIS
Topic: 166 Message: 168

It is a tapped toroid, but the whip extends to about 5'. I have made a small dot with paint for each band for quicker tuning.

169. Re: Antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-10 02:05:21 UTC
From: kf9cm
Topic: 166 Message: 169

I watched a good video on You tube about modifying the Miracle whip device .

http://www.youtube.com/watch?v=Uu52iY2xiAw
<http://www.youtube.com/watch?v=Uu52iY2xiAw>

--- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" wrote:
>
> It is a tapped toroid, but the whip extends to about 5'. I have made a small dot with paint for each band for quicker tuning.
>

170. Re: Antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-10 14:47:15 UTC
From: W3FIS
Topic: 166 Message: 170

--- In X1M_QRP-Transceiver@yahoogroups.com, "kf9cm" <Gary@...> wrote:
>
> I watched a good video on You tube about modifying the Miracle whip
> device .
>
That is a good idea. Believe it or not, I have gotten an RF "bite" on my FT-817ND when using the Miracle Whip antenna on a picnic bench once. Counterpoise/ground should help a lot.

But, back to the original question -- what is being used to set up the SWR for the MW? For the FT-817ND, it has a built-in SWR meter of sorts. I am thinking of using the QRPKits bridge, or their SOTA tuner, which has one built in.

Also, what is the experience with the X1M as a general coverage receiver?

/paul W3FIS

171. Re: Antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-10 14:53:12 UTC
From: W3FIS
Topic: 166 Message: 171

It is the Kight Radio video where the Miracle Whip antenna is shown.

73 /paul W3FIS

172. RE: [X1M_QRP-Transceiver] Re: Antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-10 15:01:12 UTC
From: Fred VE3FAL
Topic: 166 Message: 172

Paul:

I have been using mine hours at a time both on the ham bands and listening to shortwave, it works well as a shortwave receiver, once your ear get tuned to the unit it sounds great.

I find USB works best but again it will depend on ones ears and tuning.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of W3FIS
Sent: May 10, 2013 10:47 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Antenna

--- In X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "kf9cm" <Gary@...> wrote:
>
> I watched a good video on You tube about modifying the Miracle whip
> device .
>
That is a good idea. Believe it or not, I have gotten an RF "bite" on my FT-817ND when using the Miracle Whip antenna on a picnic bench once. Counterpoise/ground should help a lot.

But, back to the original question -- what is being used to set up the SWR for the MW? For the FT-817ND, it has a built-in SWR meter of sorts. I am thinking of using the QRPKits bridge, or their SOTA tuner, which has one built in.

Also, what is the experience with the X1M as a general coverage receiver?

/paul W3FIS

173. RE: [X1M_QRP-Transceiver] Re: Antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-10 15:49:51 UTC
From: Fred VE3FAL
Topic: 166 Message: 173

Paul just sent you two short videos listening to WWCR on 15.825

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of W3FIS
Sent: May 10, 2013 10:53 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Antenna

It is the Kight Radio video where the Miracle Whip antenna is shown.

73 /paul W3FIS

174. Re: [X1M_QRP-Transceiver] Antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-10 16:07:48 UTC
From: Mark Thompson
Topic: 166 Message: 174

I have had mine about 2 weeks now, it has the SO-239 on it.
On May 9, 2013 6:51 PM, "W3FIS" <deadgoose@...> wrote:

> **
>
>
> IIRC, somewhere I saw a MiracleWhip <gasp> connected to an X1M. However, I
> did not recall seeing an SWR bridge, or the like. What was done to tune the
> whip? Just noise, or had it been tuned with an SWR bridge, and the setting
> marked (this is what I do with mine)?
>
> Also, has anybody received one of the new ones? BNC, or UHF connector? I
> believe the photo with the MiracleWhip was done on one of the earlier ones
> with the UHF connector?
>
> 73 /paul W3FIS
>
>
>

175. RE: [X1M_QRP-Transceiver] Antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-10 16:09:32 UTC
From: Fred VE3FAL
Topic: 166 Message: 175

Yes and the newest batch will have the BNC connector. My experience with the foreign bought SO-239s are they can tend to be threaded poorly and will cross thread. Many of the connectors can be very tight.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Mark Thompson
Sent: May 10, 2013 12:08 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Antenna

I have had mine about 2 weeks now, it has the SO-239 on it.

On May 9, 2013 6:51 PM, "W3FIS" <deadgoose@...> wrote:

IIRC, somewhere I saw a MiracleWhip <gasp> connected to an X1M. However, I did not recall seeing an SWR bridge, or the like. What was done to tune the whip? Just noise, or had it been tuned with an SWR bridge, and the setting marked (this is what I do with mine)?

Also, has anybody received one of the new ones? BNC, or UHF connector? I believe the photo with the MiracleWhip was done on one of the earlier ones with the UHF connector?

73 /paul W3FIS

176. Re: [X1M_QRP-Transceiver] Re: Antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-10 20:22:39 UTC
From: Colin McDonald
Topic: 166 Message: 176

Hey Fred:
I heard you check in on 14.300 the other day...were you on the x1m?

73
Colin, V A6BKX
----- Original Message -----
From: Fred VE3FAL
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, May 10, 2013 9:01 AM
Subject: RE: [X1M_QRP-Transceiver] Re: Antenna

Paul:

I have been using mine hours at a time both on the ham bands and listening to shortwave, it works well as a shortwave receiver, once your ear get tuned to the unit it sounds great.

I find USB works best but again it will depend on ones ears and tuning.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of W3FIS
Sent: May 10, 2013 10:47 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Antenna

--- In X1M_QRP-Transceiver@yahoogroups.com, "kf9cm" <Gary@...> wrote:
>
> I watched a good video on You tube about modifying the Miracle whip
> device .
>
That is a good idea. Believe it or not, I have gotten an RF "bite" on my FT-817ND when using the Miracle Whip antenna on a picnic bench once. Counterpoise/ground should help a lot.

But, back to the original question -- what is being used to set up the SWR for the MW? For the FT-817ND, it has a built-in SWR meter of sorts. I am thinking of using the QRPKits bridge, or their SOTA tuner, which has one built in.

Also, what is the experience with the X1M as a general coverage receiver?

/paul W3FIS

177. Re: Antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-10 22:17:07 UTC
From: vk2dmh
Topic: 166 Message: 177

Please, guys, QRP takes more skill than 100-watt (or higher) transceivers.

It is challenging enough to make QRP contacts when you are using an efficient antenna, such as a resonant half-wave dipole.

The Miracle Whip is a cute idea and, yes, people can make some contacts with it when conditions are particularly favourable. But people can make some contacts using a dummy load as well. And a 50 Ohm carbon resistor is a whole lot cheaper and more convenient.

There is a very telling Antenna Shootout on the hfpack.com website. It is well worth checking out their comparison of various vertical and horizontal antenna models, including the Micacle Whip - and a dummy load!

73 de David VK2DMH in Sydney AU

178. Re: Antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-11 21:13:00 UTC
From: fred
Topic: 166 Message: 178

Hey Colin, no I was on the TS-440SAT the other day, pulled it off the shelf and was playing around.

Fred
VE3FAL

--- In X1M_QRP-Transceiver@yahoogroups.com, "Colin McDonald" <blulemon@...> wrote:
>
> Hey Fred:
> I heard you check in on 14.300 the other day...were you on the x1m?
>
> 73
> Colin, V A6BKX
> ----- Original Message -----
> From: Fred VE3FAL
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Friday, May 10, 2013 9:01 AM
> Subject: RE: [X1M_QRP-Transceiver] Re: Antenna
>
>
>
>
> Paul:
>
>
>
> I have been using mine hours at a time both on the ham bands and listening to shortwave, it works well as a shortwave receiver, once your ear get tuned to the unit it sounds great.
>
> I find USB works best but again it will depend on ones ears and tuning.
>
>
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of W3FIS
> Sent: May 10, 2013 10:47 AM
> To: X1M_QRP-Transceiver@yahoogroups.com

> Subject: [X1M_QRP-Transceiver] Re: Antenna
>
>
>
>
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "kf9cm" <Gary@> wrote:
> >
> > I watched a good video on You tube about modifying the Miracle whip
> > device .
> >
> That is a good idea. Believe it or not, I have gotten an RF "bite" on my FT-817ND when using the Miracle Whip antenna on a picnic bench once. Counterpoise/ground should help a lot.
>
> But, back to the original question -- what is being used to set up the SWR for the MW? For the FT-817ND, it has a built-in SWR meter of sorts. I am thinking of using the QRPKits bridge, or their SOTA tuner, which has one built in.
>
> Also, what is the experience with the X1M as a general coverage receiver?
>
> /paul W3FIS
>

179. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-11 21:28:09 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 179

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /VID 00036.3GP
Uploaded by : ve3fal <flesnick@...>
Description : X1M Listening to Shortwave

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/VID%2000036.3GP

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

ve3fal <flesnick@...>

180. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-11 21:35:55 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 180

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /VID 00035.3GP
Uploaded by : ve3fal <flesnick@...>
Description : X1M Listening to Shortwave II

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/VID%2000035.3GP

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

ve3fal <flesnick@...>

181. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-11 22:28:58 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 181

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /VID 00037.3GP
Uploaded by : ve3fal <flesnick@...>
Description : X1M 20 meters and WWV on 15 MHz USB Receive

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/VID%2000037.3GP

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

ve3fal <flesnick@...>

182. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-11 22:55:42 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 182

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /VID 00036.3GP
Uploaded by : ve3fal <flesnick@...>
Description : X1M Listening to Shortwave

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/VID%2000036.3GP

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

ve3fal <flesnick@...>

183. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-11 22:59:59 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 183

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /VID 00038.3GP
Uploaded by : ve3fal <flesnick@...>
Description : X1M 20 meters and WWV

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/VID%2000038.3GP

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

ve3fal <flesnick@...>

184. Videos

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-11 23:00:26 UTC
From: Fred VE3FAL
Topic: 22 Message: 184

Gang I have shared a few small videos taken with my BlackBerry this week to some of our members. I have uploaded some to the files section. I apologize for the quality but need to keep files small for uploading.

This will give some you an idea how the unit sounds when listening to WWV or shortwave stations.

I was using my vertical for all recordings this week.

Fred

VE3FAL

185. Re: Videos

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-12 16:24:40 UTC
From: A7-D
Topic: 22 Message: 185

Fred,
Thanks for sharing, but I could not open the .3GP file on my XP machine.
MS offered download sites and I chose RealPlayer. RealPlayer then said I needed QuickTime, which I also downloaded.
But it's still a no-go.
Anyone have any better ideas?
Thanks in advance, Ray

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Gang I have shared a few small videos taken with my BlackBerry this week to
> some of our members. I have uploaded some to the files section. I apologize
> for the quality but need to keep files small for uploading.
>
>
>
> This will give some you an idea how the unit sounds when listening to WWV or
> shortwave stations.
>
>
>
> I was using my vertical for all recordings this week.
>
>
>
> Fred
>
> VE3FAL
>

186. RE: [X1M_QRP-Transceiver] Re: Videos

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-12 18:28:36 UTC
From: Fred VE3FAL
Topic: 22 Message: 186

I will change them over to WMV files and reload those and remove the others.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of A7-D
Sent: May 12, 2013 12:25 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Videos

Fred,
Thanks for sharing, but I could not open the .3GP file on my XP machine.
MS offered download sites and I chose RealPlayer. RealPlayer then said I
needed QuickTime, which I also downloaded.
But it's still a no-go.
Anyone have any better ideas?
Thanks in advance, Ray

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL"
<flesnick@...> wrote:
>
> Gang I have shared a few small videos taken with my BlackBerry this week
to
> some of our members. I have uploaded some to the files section. I
apologize
> for the quality but need to keep files small for uploading.
>
>
>
> This will give some you an idea how the unit sounds when listening to WWV
or
> shortwave stations.
>
>
>
> I was using my vertical for all recordings this week.
>
>
>
> Fred
>
> VE3FAL
>

187. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-12 20:00:14 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 187

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Audio Files/X1M Audio Files II.avi
Uploaded by : ve3fal <flesnick@...>
Description : X1M Audio File II

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Audio%20Files/X1M%20Audio%20Files%20II.avi

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

ve3fal <flesnick@...>

188. RE: [X1M_QRP-Transceiver] Re: Videos

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-12 20:00:10 UTC
From: Fred VE3FAL
Topic: 22 Message: 188

I am running XP and able to run all the videos. I just tried converting to
WMV and MPEG4 but man nothing is as small as the 3G size.

Anyone know what would be best for the uploads?

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of A7-D
Sent: May 12, 2013 12:25 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Videos

Fred,
Thanks for sharing, but I could not open the .3GP file on my XP machine.
MS offered download sites and I chose RealPlayer. RealPlayer then said I
needed QuickTime, which I also downloaded.
But it's still a no-go.
Anyone have any better ideas?
Thanks in advance, Ray

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL"
<flesnick@...> wrote:
>
> Gang I have shared a few small videos taken with my BlackBerry this week
to
> some of our members. I have uploaded some to the files section. I
apologize
> for the quality but need to keep files small for uploading.
>
>
>
> This will give some you an idea how the unit sounds when listening to WWV
or
> shortwave stations.
>
>
>
> I was using my vertical for all recordings this week.
>
>
>
> Fred

>
> VE3FAL
>

189. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-12 20:02:45 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 189

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Audio Files/X1M Audio Files III.avi
Uploaded by : ve3fal <flesnick@...>
Description : X1M Audio File III

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Audio%20Files/X1M%20Audio%20Files%20III.avi

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

ve3fal <flesnick@...>

190. Re: [X1M_QRP-Transceiver] Re: Videos

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-12 11:40:20 UTC
From: beargyrils@...
Topic: 22 Message: 190

Ray,It works here on XP,Vista ,and WIN 7. Also you may need the latest flash player. Go to filehippo.com. That site have every download you need and also I remember I downloaded one then I had to double click the ICON and it started to install. Make sure you check any boxes saying you agree. It played here but no audio. Check that site. Bob AF2Q
Wilderness Elite Search & Rescue (609) 638-1629

-----Original Message-----
From: "A7-D" <rjzeman@sbcglobal.net>
Sender: X1M_QRP-Transceiver@yahoogroups.com
Date: Sun, 12 May 2013 16:24:40
To: <X1M_QRP-Transceiver@yahoogroups.com>
Reply-To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Videos

Fred,
Thanks for sharing, but I could not open the .3GP file on my XP machine.
MS offered download sites and I chose RealPlayer. RealPlayer then said I needed QuickTime, which I also downloaded.
But it's still a no-go.
Anyone have any better ideas?
Thanks in advance, Ray

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Gang I have shared a few small videos taken with my BlackBerry this week to
> some of our members. I have uploaded some to the files section. I apologize
> for the quality but need to keep files small for uploading.
>
>
>
> This will give some you an idea how the unit sounds when listening to WWV or
> shortwave stations.
>
>
>
> I was using my vertical for all recordings this week.
>
>
>
> Fred
>
> VE3FAL
>

191. RE: [X1M_QRP-Transceiver] Re: Videos

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-12 20:41:04 UTC
From: Fred VE3FAL
Topic: 22 Message: 191

Hey Bob good to hear from you.

Snow and rain mixed and 40f with high winds.

Can't shake winter..

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of beargyrils@...
Sent: May 12, 2013 7:40 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: Videos

Ray,It works here on XP,Vista ,and WIN 7. Also you may need the latest flash player. Go to filehippo.com. That site have every download you need and also I remember I downloaded one then I had to double click the ICON and it started to install. Make sure you check any boxes saying you agree. It played here but no audio. Check that site. Bob AF2Q

Wilderness Elite Search Rescue (609) 638-1629

From: "A7-D" <rjzeman@...>

Sender: X1M_QRP-Transceiver@yahoogroups.com

Date: Sun, 12 May 2013 16:24:40 -0000

To: <X1M_QRP-Transceiver@yahoogroups.com>

ReplyTo: X1M_QRP-Transceiver@yahoogroups.com

Subject: [X1M_QRP-Transceiver] Re: Videos

Fred,
Thanks for sharing, but I could not open the .3GP file on my XP machine.
MS offered download sites and I chose RealPlayer. RealPlayer then said I needed QuickTime, which I also downloaded.
But it's still a no-go.
Anyone have any better ideas?
Thanks in advance, Ray

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL"
<flesnick@...> wrote:

>
> Gang I have shared a few small videos taken with my BlackBerry this week
to
> some of our members. I have uploaded some to the files section. I
apologize
> for the quality but need to keep files small for uploading.
>
>
>
> This will give some you an idea how the unit sounds when listening to WWV
or
> shortwave stations.
>
>
>
> I was using my vertical for all recordings this week.
>
>
>
> Fred
>
> VE3FAL
>

192. Re: [X1M_QRP-Transceiver] Re: Videos

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-12 11:46:29 UTC
From: beargyrils@...
Topic: 22 Message: 192

Ray,go to filehippo.com because that site has tons of downloads to watch movies. Make sure it unzips and reboot Bob AF2Q
Wilderness Elite Search & Rescue (609) 638-1629

-----Original Message-----
From: "A7-D" <rjzeman@sbcglobal.net>
Sender: X1M_QRP-Transceiver@yahoogroups.com
Date: Sun, 12 May 2013 16:24:40
To: <X1M_QRP-Transceiver@yahoogroups.com>
Reply-To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Videos

Fred,
Thanks for sharing, but I could not open the .3GP file on my XP machine.
MS offered download sites and I chose RealPlayer. RealPlayer then said I needed QuickTime, which I also downloaded.
But it's still a no-go.
Anyone have any better ideas?
Thanks in advance, Ray

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Gang I have shared a few small videos taken with my BlackBerry this week to
> some of our members. I have uploaded some to the files section. I apologize
> for the quality but need to keep files small for uploading.
>
>
>
> This will give some you an idea how the unit sounds when listening to WWV or
> shortwave stations.
>
>
>
> I was using my vertical for all recordings this week.
>
>
>
> Fred
>
> VE3FAL
>

193. Re: [X1M_QRP-Transceiver] Re: Videos

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-12 12:01:06 UTC
From: beargyrils@...
Topic: 22 Message: 193

I sent you a letter but never heard from you. I'm at the nursing home today but I can't take much more. Mom's now getting to where she knows nothing. Just to much stress for me now Bob AF2Q
Wilderness Elite Search & Rescue (609) 638-1629

-----Original Message-----
From: "Fred VE3FAL" <flesnick@tbaytel.net>
Sender: X1M_QRP-Transceiver@yahoogroups.com
Date: Sun, 12 May 2013 16:41:04
To: <X1M_QRP-Transceiver@yahoogroups.com>
Reply-To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] Re: Videos

Hey Bob good to hear from you.

Snow and rain mixed and 40f with high winds.

Can't shake winter..

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of beargyrils@aol.com
Sent: May 12, 2013 7:40 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: Videos

Ray,It works here on XP,Vista ,and WIN 7. Also you may need the latest flash player. Go to filehippo.com. That site have every download you need and also I remember I downloaded one then I had to double click the ICON and it started to install. Make sure you check any boxes saying you agree. It played here but no audio. Check that site. Bob AF2Q

Wilderness Elite Search Rescue (609) 638-1629

_____

From: "A7-D" <rjzeman@sbcglobal.net>

Sender: X1M_QRP-Transceiver@yahoogroups.com

Date: Sun, 12 May 2013 16:24:40 -0000

To: <X1M_QRP-Transceiver@yahoogroups.com>

ReplyTo: X1M_QRP-Transceiver@yahoogroups.com

Subject: [X1M_QRP-Transceiver] Re: Videos

Fred,
Thanks for sharing, but I could not open the .3GP file on my XP machine.
MS offered download sites and I chose RealPlayer. RealPlayer then said I
needed QuickTime, which I also downloaded.
But it's still a no-go.
Anyone have any better ideas?
Thanks in advance, Ray

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL"
<flesnick@...> wrote:
>
> Gang I have shared a few small videos taken with my BlackBerry this week
to
> some of our members. I have uploaded some to the files section. I
apologize
> for the quality but need to keep files small for uploading.
>
>
>
> This will give some you an idea how the unit sounds when listening to WWV
or
> shortwave stations.
>
>
>
> I was using my vertical for all recordings this week.
>
>
>
> Fred
>
> VE3FAL
>

194. RE: [X1M_QRP-Transceiver] Re: Videos

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-12 21:40:36 UTC
From: Fred VE3FAL
Topic: 22 Message: 194

Ok Bob never seen any email from you, will check my junk and spam folder as it is pretty tight yet, had to configure for all sites after my provider tightened the ropes.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of beargyrils@...
Sent: May 12, 2013 8:01 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: Videos

I sent you a letter but never heard from you. I'm at the nursing home today but I can't take much more. Mom's now getting to where she knows nothing. Just to much stress for me now Bob AF2Q

Wilderness Elite Search Rescue (609) 638-1629

From: "Fred VE3FAL" <flesnick@...>

Sender: X1M_QRP-Transceiver@yahoogroups.com

Date: Sun, 12 May 2013 16:41:04 -0400

To: <X1M_QRP-Transceiver@yahoogroups.com>

ReplyTo: X1M_QRP-Transceiver@yahoogroups.com

Subject: RE: [X1M_QRP-Transceiver] Re: Videos

Hey Bob good to hear from you.

Snow and rain mixed and 40f with high winds.

Can't shake winter..

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.c om
<mailto:X1M_QRP-Transceiver@yahoogroups.c%20om>] On Behalf Of beargyrils@...
Sent: May 12, 2013 7:40 AM

To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: Videos

Ray,It works here on XP,Vista ,and WIN 7. Also you may need the latest flash player. Go to filehippo.com. That site have every download you need and also I remember I downloaded one then I had to double click the ICON and it started to install. Make sure you check any boxes saying you agree. It played here but no audio. Check that site. Bob AF2Q

Wilderness Elite Search Rescue (609) 638-1629

From: "A7-D" <rjzeman@... <mailto:%20rjzeman@...> >

Sender: X1M_QRP-Transceiver@yahoogroups.com

Date: Sun, 12 May 2013 16:24:40 -0000

To: <X1M_QRP-Transceiver@yahoogroups.com>

ReplyTo: X1M_QRP-Transceiver@yahoogroups.com

Subject: [X1M_QRP-Transceiver] Re: Videos

Fred,
Thanks for sharing, but I could not open the .3GP file on my XP machine.
MS offered download sites and I chose RealPlayer. RealPlayer then said I needed QuickTim e, which I also downloaded.
But it's still a no-go.
Anyone have any better ideas?
Thanks in advance, Ray

--- In X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL" <flesnick@...> wrote:
>
> Gang I have shared a few small videos taken with my BlackBerry this week to
> some of our members. I have uploaded some to the files section. I apologize
> for the quality but need to keep files small for uploading.
>
>
>
> This will give some you an idea how the unit sounds when listening to WWV or
> shortwave stations.
>
>
>
> I was using my vertical for all recordings this week.
>

>
>
> Fred
>
> VE3FAL
>

195. Ray Real player and

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-12 22:48:25 UTC
From: beargyrils@...
Topic: 195 Message: 195

I remember with my XP machine I used the Video player that has a road side
loke cone called VLC

http://www.filehippo.com/popular/

http://www.videolan.org/

But I still downloaded just about everyone
Let me know how it goes
BOB AF2Q

196. Worked SP7HOV

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-12 23:15:34 UTC
From: Fred VE3FAL
Topic: 196 Message: 196
Attachments: 1 described; binary payloads are missing from this source WARC

Ok just worked SP7HOV on 18080.200 and he gave me a 559..

He was also a 559 with very heaving fading.

This was at 0005 May 13th 2013(z)..

Not bad huh?

Using a vertical antenna..

SP7HOV <http://www.qrz.com/atlas?dxcc=269> Poland flagPoland
<http://www.qrz.com/atlas?dxcc=269>
Zbigniew Oltarzewski, SP7HOV
Mlynarska 56
96-100 Skierniewice
Poland

This little rig is doing well gang.

Fred

VE3FAL

197. Does this radio work, you bet your boots it does (X1M)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-13 01:42:42 UTC
From: Fred VE3FAL
Topic: 197 Message: 197

Ok it is 0232z, May 13th 2013z and 17 meters is full of cw signals, VE3FAL hears TM35HOP calling CQ and working stations all over North America.

VE3FAL is running the X1M into a vertical antenna on up 10' off the ground on a tin roofed canopy.

He calls TM35HOP in France and gets a call back, he gives me a 599 (but I know better0, but he was a good 579 to a 599.

I was on 18076.2 when I worked him..

Not bad huh, or is it eh?!!!!

Cheers

Fred

VE3FAL

http://www.qrz.com/db/TM35KOP

198. Re: [X1M_QRP-Transceiver] Does this radio work, you bet your boots it does (X1M)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-13 02:38:53 UTC
From: Colin McDonald
Topic: 197 Message: 198

did you hear or work the guy from Dubai on 18.144 phone? lots of VE3's were working him. solid s7 here with very little QSB.
A61as I think the call was. that would have been a good one for the qrp log :)

73
Colin
----- Original Message -----
From: Fred VE3FAL
To: X1M_QRP-Transceiver@yahoogroups.com ; 'Ed Griffin'
Sent: Sunday, May 12, 2013 7:42 PM
Subject: [X1M_QRP-Transceiver] Does this radio work, you bet your boots it does (X1M)

Ok it is 0232z, May 13th 2013z and 17 meters is full of cw signals, VE3FAL hears TM35HOP calling CQ and working stations all over North America.

VE3FAL is running the X1M into a vertical antenna on up 10' off the ground on a tin roofed canopy.

He calls TM35HOP in France and gets a call back, he gives me a 599 (but I know better0, but he was a good 579 to a 599.

I was on 18076.2 when I worked him..

Not bad huh, or is it eh?!!!!

Cheers

Fred

VE3FAL

http://www.qrz.com/db/TM35KOP

199. RE: [X1M_QRP-Transceiver] Does this radio work, you bet your boots it does (X1M)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-13 02:42:10 UTC
From: Fred VE3FAL
Topic: 197 Message: 199

No I never, I don't usually use phone and have put this radio through the cw test for sure.

I am a cw guy and really don't play much on phone..

I should give it a whirl this week and call CQ on 20 meters or 17 and see what happens.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Colin McDonald
Sent: May 12, 2013 10:39 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Does this radio work, you bet your boots it does (X1M)

did you hear or work the guy from Dubai on 18.144 phone? lots of VE3's were working him.

solid s7 here with very little QSB.

A61as I think the call was. that would have been a good one for the qrp log :)

73

Colin

----- Original Message -----

From: Fred VE3FAL <mailto:flesnick@...>

To: X1M_QRP-Transceiver@yahoogroups.com ; 'Ed Griffin' <mailto:info@...>

Sent: Sunday, May 12, 2013 7:42 PM

Subject: [X1M_QRP-Transceiver] Does this radio work, you bet your boots it does (X1M)

Ok it is 0232z, May 13th 2013z and 17 meters is full of cw signals, VE3FAL hears TM35HOP calling CQ and working stations all over North America.

VE3FAL is running the X1M into a vertical antenna on up 10' off the ground on a tin roofed canopy.

He calls TM35HOP in France and gets a call back, he gives me a 599 (but I know better0, but he was a good 579 to a 599.

I was on 18076.2 when I worked him..

Not bad huh, or is it eh?!!!!

Cheers

Fred

VE3FAL

http://www.qrz.com/db/TM35KOP

200. Re: [X1M_QRP-Transceiver] Does this radio work, you bet your boots it does (X...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-13 05:08:40 UTC
From: beargyrils@...
Topic: 200 Message: 200

Well Fred,
This may be OT but I have right near me from the DX CENTURY CLUB and signed by W4RA and W3AZD.
I worked 200 Countries QRP ans almost all of it was with my indoor loop ot the B&W window mount antenna.
Issued FEB,23 2006
BOB
AF2Q

Ok it is 0232z, May 13th 2013z and 17 meters is full of cw signals,
VE3FAL hears TM35HOP calling CQ and working stations all over North America.
VE3FAL is running the X1M into a vertical antenna on up 10’ off the ground on a tin roofed canopy.
He calls TM35HOP in France and gets a call back, he gives me a 599 (but I know better0, but he was a good 579 to a 599.
I was on 18076.2 when I worked him..
Not bad huh, or is it eh?!!!!
Cheers
Fred
VE3FAL

201. RE: [X1M_QRP-Transceiver] Does this radio work, you bet your boots it does (X...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-13 13:12:14 UTC
From: Fred VE3FAL
Topic: 200 Message: 201

That is a remarkable achievement not OT by any means. All of my contacts have been qrp and using wire antennas or the most part since I started radio.

I have never kept track of how many countries or grids or counties etc that I have worked.

Only up till this past year all my logs have been paper, but since I find myself entering more qso parties I use a logging program to help keep count, check for dupes etc.

That is the name of the game Bob, to operate, so that was a great endeavor on your part..

Cheers

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of beargyrils@...
Sent: May 13, 2013 1:09 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Does this radio work, you bet your boots it does (X...

Well Fred,

This may be OT but I have right near me from the DX CENTURY CLUB and signed by W4RA and W3AZD.

I worked 200 Countries QRP ans almost all of it was with my indoor loop ot the B&W window mount antenna.

Issued FEB,23 2006

BOB

AF2Q

Ok it is 0232z, May 13th 2013z and 17 meters is full of cw signals, VE3FAL hears TM35HOP calling CQ and working stations all over North America.

VE3FAL is running the X1M into a vertical antenna on up 10’ off the ground on a tin roofed canopy.

He calls TM35HOP in France and gets a call back, he gives me a 599 (but I know better0, but he was a good 579 to a 599.

I was on 18076.2 when I worked him..

Not bad huh, or is it eh?!!!!

Cheers

Fred

VE3FAL

202. Re: [X1M_QRP-Transceiver] Does this radio work, you bet your boots it does (X...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-13 17:32:40 UTC
From: George Allen
Topic: 200 Message: 202

All this chatter about QRP is making me wanting to really try it. It would make me pay close attention to the other elements instead of just hoping watts will make up for sloppy tuning, etc.

George kd0nme

On May 13, 2013, at 8:12 AM, "Fred VE3FAL" <flesnick@...> wrote:

>
>
> That is a remarkable achievement not OT by any means. All of my contacts have been qrp and using wire antennas or the most part since I started radio.
> I have never kept track of how many countries or grids or counties etc that I have worked.
> Only up till this past year all my logs have been paper, but since I find myself entering more qso parties I use a logging program to help keep count, check for dupes etc.
>
> That is the name of the game Bob, to operate, so that was a great endeavor on your part..
>
> Cheers
>
> Fred
> VE3FAL
>
> From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of beargyrils@...
> Sent: May 13, 2013 1:09 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: Re: [X1M_QRP-Transceiver] Does this radio work, you bet your boots it does (X...
>
>
> Well Fred,
> This may be OT but I have right near me from the DX CENTURY CLUB and signed by W4RA and W3AZD.
> I worked 200 Countries QRP ans almost all of it was with my indoor loop ot the B&W window mount antenna.
> Issued FEB,23 2006
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> Ok it is 0232z, May 13th 2013z and 17 meters is full of cw signals, VE3FAL hears TM35HOP calling CQ and working stations all over North America.
> VE3FAL is running the X1M into a vertical antenna on up 10’ off the ground on a tin roofed canopy.
> He calls TM35HOP in France and gets a call back, he gives me a 599 (but I know better0,

but he was a good 579 to a 599.
> I was on 18076.2 when I worked him..
> Not bad huh, or is it eh?!!!!
> Cheers
> Fred
> VE3FAL
>
>
>
>

203. Re: X1M will have BNC connector

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-13 20:33:12 UTC
From: ditdah2dahditdit
Topic: 93 Message: 203

MON 13 MAY 2013
To all awaiting delivery of their X1Ms,
I just took delivery of my X1M this morning.
Cannot reference by it's serial number because ...
there isn't one ... just "S/N:"
The SO239 RF socket (with non-standard threads ?)
has been replaced on mine with a BNC(F) RF Connector.

73's Ed KJ6PX

==========
--- In X1M_QRP-Transceiver@yahoogroups.com, "kingfish_stevens" <ed@...> wrote:
>
> I have asked the factory to install BNC connectors on the radios for the North American market.
>
> Regards,
> Ed Griffin
> www.ImportCommunications.com
>

204. Arrived !

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-13 20:53:16 UTC
From: auto_prof1
Topic: 204 Message: 204

Received my X1M transceiver today in the mail today, connected my 40 meter End-Fedz antenna which I haphazardly strung around the family room, great room and wherever there was a perch. Connected my power supply, (A stealthcam 7 Amp Hour battery) to it....and voila !!!! Noise and QSO's heard. The size is something else. I can't wait to take it out to a remote site, or even my backyard and make some contacts. Mine indeed has a BNC connector on the rear instead of a SO-239....but it's a very neat package and very compact.

Thank you Ed for keeping me (us) informed of the status of our orders.

Chip - K9MIT

62 Year Old retired guy, having fun again.

205. RE: [X1M_QRP-Transceiver] Re: X1M will have BNC connector

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-13 22:09:33 UTC
From: Fred VE3FAL
Topic: 93 Message: 205

That is great news, that will ease any frustration with all the multiple PL259's that are out there.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ditdah2dahditdit
Sent: May 13, 2013 4:33 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: X1M will have BNC connector

MON 13 MAY 2013
To all awaiting delivery of their X1Ms,
I just took delivery of my X1M this morning.
Cannot reference by it's serial number because ...
there isn't one ... just "S/N:"
The SO239 RF socket (with non-standard threads ?)
has been replaced on mine with a BNC(F) RF Connector.

73's Ed KJ6PX

==========
--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "kingfish_stevens" <ed@...>
wrote:
>
> I have asked the factory to install BNC connectors on the radios for the North American market.
>
> Regards,
> Ed Griffin
> www.ImportCommunications.com
>

206. Re: Arrived !

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 00:28:57 UTC
From: rkron1
Topic: 204 Message: 206

Got my X1M and tried it out on my Air Force 4 MHZ frequency. Was able to check in without any problem. Seems to be performing well. Looking forward to the computer adapter to use HR Deluxe which will make tuning a little easier.
Dick W4RAK

--- In X1M_QRP-Transceiver@yahoogroups.com, "auto_prof1" <auto_prof1@...> wrote:
>
> Received my X1M transceiver today in the mail today, connected my 40 meter End-Fedz antenna which I haphazardly strung around the family room, great room and wherever there was a perch. Connected my power supply, (A stealthcam 7 Amp Hour battery) to it....and voila !!!! Noise and QSO's heard. The size is something else. I can't wait to take it out to a remote site, or even my backyard and make some contacts. Mine indeed has a BNC connector on the rear instead of a SO-239....but it's a very neat package and very compact.
>
> Thank you Ed for keeping me (us) informed of the status of our orders.
>
>
> Chip - K9MIT
>
> 62 Year Old retired guy, having fun again.
>

207. RE: [X1M_QRP-Transceiver] Re: Arrived !

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 01:25:36 UTC
From: Fred VE3FAL
Topic: 204 Message: 207

Glad the units are arriving and looking forward to seeing more reports. I tried calling cq on 14.140 today to see if I could work someone on voice but no luck. Was going to try and check into the Maritime Mobile Net but also had no time tonight.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of rkron1
Sent: May 13, 2013 8:29 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Arrived !

Got my X1M and tried it out on my Air Force 4 MHZ frequency. Was able to check in without any problem. Seems to be performing well. Looking forward to the computer adapter to use HR Deluxe which will make tuning a little easier.
Dick W4RAK

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "auto_prof1"
<auto_prof1@...> wrote:
>
> Received my X1M transceiver today in the mail today, connected my 40 meter End-Fedz antenna which I haphazardly strung around the family room, great room and wherever there was a perch. Connected my power supply, (A stealthcam 7 Amp Hour battery) to it....and voila !!!! Noise and QSO's heard. The size is something else. I can't wait to take it out to a remote site, or even my backyard and make some contacts. Mine indeed has a BNC connector on the rear instead of a SO-239....but it's a very neat package and very compact.
>
> Thank you Ed for keeping me (us) informed of the status of our orders.
>
>
> Chip - K9MIT
>
> 62 Year Old retired guy, having fun again.
>

208. No Transmit on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 01:59:09 UTC
From: kg0ew
Topic: 208 Message: 208

Hi everyone,
Just unpacked my X1M. Seems to work on CW, though the sidetone is gawd-awful loud and very harsh - no sinewave here! No such luck on SSB however, with the provided mic, the PTT doesn't work - radio stays in receive.

I'm guessing a bad PTT switch in the microphone is the most likely culprit, Before I start tinkering, has anyone else seen this problem?

Thanks & 72,
KG0EW

209. Schematic?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 02:01:10 UTC
From: kg0ew
Topic: 209 Message: 209

Does anyone have a schematic of the radio?
73,
KG0EW

210. Re: [X1M_QRP-Transceiver] No Transmit on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 02:07:46 UTC
From: Auto_Prof1
Topic: 208 Message: 210

You weren't on 40 meters and above 7.150MHz when you tried that, were you?

From: kg0ew <kg0ew@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, May 13, 2013 9:59 PM
Subject: [X1M_QRP-Transceiver] No Transmit on SSB

Hi everyone,
Just unpacked my X1M. Seems to work on CW, though the sidetone is gawd-awful loud and very harsh - no sinewave here! No such luck on SSB however, with the provided mic, the PTT doesn't work - radio stays in receive.

I'm guessing a bad PTT switch in the microphone is the most likely culprit, Before I start tinkering, has anyone else seen this problem?

Thanks & 72,
KG0EW

211. RE: [X1M_QRP-Transceiver] No Transmit on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 02:13:34 UTC
From: Fred VE3FAL
Topic: 208 Message: 211

Yes the sidetone is very loud and an adjustable sidetone was one of my recommendations that I made in reviews of this radio.

Make sure the microphone is pushed in all the way, and try using the microphone after unplugging the cw key.

At first I thought you could not run either if both plugged in but was not the case.

It will transmit anywhere between 1 and 29.999 megs on either cw or ssb.

Test the microphone with a multimeter and ensure the microphone is working.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kg0ew
Sent: May 13, 2013 9:59 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] No Transmit on SSB

Hi everyone,
Just unpacked my X1M. Seems to work on CW, though the sidetone is gawd-awful loud and very harsh - no sinewave here! No such luck on SSB however, with the provided mic, the PTT doesn't work - radio stays in receive.

I'm guessing a bad PTT switch in the microphone is the most likely culprit, Before I start tinkering, has anyone else seen this problem?

Thanks & 72,
KG0EW

212. RE: [X1M_QRP-Transceiver] Schematic?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 02:16:08 UTC
From: Fred VE3FAL
Topic: 209 Message: 212

PTT for the microphone if using a multimeter will show zero when keyed and measured across the ground and center.

Fred

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kg0ew
Sent: May 13, 2013 10:01 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Schematic?

Does anyone have a schematic of the radio?
73,
KG0EW

213. RE: [X1M_QRP-Transceiver] No Transmit on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 02:34:11 UTC
From: Fred VE3FAL
Topic: 208 Message: 213

Ok just worked KF5JUG in El Paso Texas on 14.300 on the net, he was running a tribander and 600 watts.

He gave me a 5x2/5x3 and said the audio sounds compressed, not overdriven but like I was talking into a tin can.

So that is a good contact and test on phone with this little unit.

I was on my hustler 80-10 vertical antenna and nice to get this report.

So compressed is the first actual report I have gotten so far. Be glad to hear other audio reports.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Auto_Prof1
Sent: May 13, 2013 10:08 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] No Transmit on SSB

You weren't on 40 meters and above 7.150MHz when you tried that, were you?

From: kg0ew <kg0ew@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, May 13, 2013 9:59 PM
Subject: [X1M_QRP-Transceiver] No Transmit on SSB

Hi everyone,
Just unpacked my X1M. Seems to work on CW, though the sidetone is gawd-awful loud and very harsh - no sinewave here! No such luck on SSB however, with the provided mic, the PTT doesn't work - radio stays in receive.

I'm guessing a bad PTT switch in the microphone is the most likely culprit, Before I start tinkering, has anyone else seen this problem?

Thanks & 72,
KG0EW

214. Re: No Transmit on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 02:46:45 UTC
From: kg0ew
Topic: 208 Message: 214

And this is relevant to my radio having a transmit problem exactly how?

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Ok just worked KF5JUG in El Paso Texas on 14.300 on the net, he was running a tribander and 600 watts.
>
> He gave me a 5x2/5x3 and said the audio sounds compressed, not overdriven but like I was talking into a tin can.
>
> So that is a good contact and test on phone with this little unit.
>
> I was on my hustler 80-10 vertical antenna and nice to get this report.
>
>
>
> So compressed is the first actual report I have gotten so far. Be glad to hear other audio reports.
>
>
>
> Fred
>
> VE3FAL
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>
> From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Auto_Prof1
> Sent: May 13, 2013 10:08 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: Re: [X1M_QRP-Transceiver] No Transmit on SSB
>
>
>
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>
>
> You weren't on 40 meters and above 7.150MHz when you tried that, were you?
>
>
>

> _____
>
> From: kg0ew <kg0ew@...>
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Monday, May 13, 2013 9:59 PM
> Subject: [X1M_QRP-Transceiver] No Transmit on SSB
>
>
>
>
>
> Hi everyone,
> Just unpacked my X1M. Seems to work on CW, though the sidetone is gawd-awful loud and very harsh - no sinewave here! No such luck on SSB however, with the provided mic, the PTT doesn't work - radio stays in receive.
>
> I'm guessing a bad PTT switch in the microphone is the most likely culprit, Before I start tinkering, has anyone else seen this problem?
>
> Thanks & 72,
> KG0EW
>

215. Re: Schematic?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 02:48:05 UTC
From: kg0ew
Topic: 209 Message: 215

Fred,
Shouldn't that be across ring and sleeve? If it really is tip and sleeve, than you've identified the problem, and the mic is wired incorrectly.
73,
~ KG0EW

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> PTT for the microphone if using a multimeter will show zero when keyed and
> measured across the ground and center.
>
>
>
> Fred
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kg0ew
> Sent: May 13, 2013 10:01 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Schematic?
>
>
>
>
>
> Does anyone have a schematic of the radio?
> 73,
> KG0EW
>

216. Re: No Transmit on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 02:52:24 UTC
From: kg0ew
Topic: 208 Message: 216

Fred,
Sorry - Re-reading post below, it doesn't come across that I was laughing when I wrote it. I was amused that you're response to my original posting was totally unrelated, but that didn't come across in my reply!
73,
~ David

--- In X1M_QRP-Transceiver@yahoogroups.com, "kg0ew" <kg0ew@...> wrote:
>
> And this is relevant to my radio having a transmit problem exactly how?
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@> wrote:
> >
> > Ok just worked KF5JUG in El Paso Texas on 14.300 on the net, he was running a tribander and 600 watts.
> >
> > He gave me a 5x2/5x3 and said the audio sounds compressed, not overdriven but like I was talking into a tin can.
> >
> > So that is a good contact and test on phone with this little unit.
> >
> > I was on my hustler 80-10 vertical antenna and nice to get this report.
> >
> >
> >
> > So compressed is the first actual report I have gotten so far. Be glad to hear other audio reports.
> >
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> > Fred
> >
> > VE3FAL
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> >
> > From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Auto_Prof1
> > Sent: May 13, 2013 10:08 PM
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Subject: Re: [X1M_QRP-Transceiver] No Transmit on SSB

> >
> >
> >
> >
> >
> > You weren't on 40 meters and above 7.150MHz when you tried that, were you?
> >
> >
> >
> > _____
> >
> > From: kg0ew <kg0ew@>
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Sent: Monday, May 13, 2013 9:59 PM
> > Subject: [X1M_QRP-Transceiver] No Transmit on SSB
> >
> >
> >
> >
> >
> > Hi everyone,
> > Just unpacked my X1M. Seems to work on CW, though the sidetone is gawd-awful loud and very harsh - no sinewave here! No such luck on SSB however, with the provided mic, the PTT doesn't work - radio stays in receive.
> >
> > I'm guessing a bad PTT switch in the microphone is the most likely culprit, Before I start tinkering, has anyone else seen this problem?
> >
> > Thanks & 72,
> > KG0EW
> >
>

217. Re: No Transmit on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 02:56:51 UTC
From: kg0ew
Topic: 208 Message: 217

No, I was on 20 m. But now you've really piqued my curiosity - is there a problem with the radio operating SSB above 7.150 on 40m?
73, KG0EW

--- In X1M_QRP-Transceiver@yahoogroups.com, Auto_Prof1 <auto_prof1@...> wrote:
>
> You weren't on 40 meters and above 7.150MHz when you tried that, were you?
>
>
> _____
> From: kg0ew <kg0ew@...>
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Monday, May 13, 2013 9:59 PM
> Subject: [X1M_QRP-Transceiver] No Transmit on SSB
>
>
>
> Â
> Hi everyone,
> Just unpacked my X1M. Seems to work on CW, though the sidetone is gawd-awful loud and very harsh - no sinewave here! No such luck on SSB however, with the provided mic, the PTT doesn't work - radio stays in receive.
>
> I'm guessing a bad PTT switch in the microphone is the most likely culprit, Before I start tinkering, has anyone else seen this problem?
>
> Thanks & 72,
> KG0EW
>

218. Re: [X1M_QRP-Transceiver] Re: No Transmit on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 02:58:25 UTC
From: Auto_Prof1
Topic: 208 Message: 218

Nope .....just operator error on my part.

_____
From: kg0ew <kg0ew@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, May 13, 2013 10:56 PM
Subject: [X1M_QRP-Transceiver] Re: No Transmit on SSB

No, I was on 20 m. But now you've really piqued my curiosity - is there a problem with the radio operating SSB above 7.150 on 40m?
73, KG0EW

--- In X1M_QRP-Transceiver@yahoogroups.com, Auto_Prof1 <auto_prof1@...> wrote:
>
> You weren't on 40 meters and above 7.150MHz when you tried that, were you?
>
>
> _____
> From: kg0ew <kg0ew@...>
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Monday, May 13, 2013 9:59 PM
> Subject: [X1M_QRP-Transceiver] No Transmit on SSB
>
>
>
> Â
> Hi everyone,
> Just unpacked my X1M. Seems to work on CW, though the sidetone is gawd-awful loud and very harsh - no sinewave here! No such luck on SSB however, with the provided mic, the PTT doesn't work - radio stays in receive.
>
> I'm guessing a bad PTT switch in the microphone is the most likely culprit, Before I start tinkering, has anyone else seen this problem?
>
> Thanks & 72,
> KG0EW
>

219. Re: No Transmit on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 03:03:08 UTC
From: kg0ew
Topic: 208 Message: 219

Ha! Been there, done that! Alas, I think this radio might need to head back to Ed.
73, KG0EW

--- In X1M_QRP-Transceiver@yahoogroups.com, Auto_Prof1 <auto_prof1@...> wrote:
>
> Nope .....just operator error on my part.
>
>
> _____
> From: kg0ew <kg0ew@...>
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Monday, May 13, 2013 10:56 PM
> Subject: [X1M_QRP-Transceiver] Re: No Transmit on SSB
>
>
>
> Â
> No, I was on 20 m. But now you've really piqued my curiosity - is there a problem with the radio operating SSB above 7.150 on 40m?
> 73, KG0EW
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, Auto_Prof1 <auto_prof1@> wrote:
> >
> > You weren't on 40 meters and above 7.150MHz when you tried that, were you?
> >
> >
> > _____
> > From: kg0ew <kg0ew@>
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Sent: Monday, May 13, 2013 9:59 PM
> > Subject: [X1M_QRP-Transceiver] No Transmit on SSB
> >
> >
> >
> > Ã□Â
> > Hi everyone,
> > Just unpacked my X1M. Seems to work on CW, though the sidetone is gawd-awful loud and very harsh - no sinewave here! No such luck on SSB however, with the provided mic, the PTT doesn't work - radio stays in receive.
> >
> > I'm guessing a bad PTT switch in the microphone is the most likely culprit, Before I start tinkering, has anyone else seen this problem?
> >
> > Thanks & 72,
> > KG0EW

> >
>

220. Re: [X1M_QRP-Transceiver] No Transmit on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 03:46:30 UTC
From: Colin McDonald
Topic: 208 Message: 220

I would imagine using something like a cheap digital recorder, or old tape recorder microphone, or a computer headset mike that doesnt require power for the condenser (unless the x1m has plus V on the mike plug) would provide somewhat better audio than the poorly designed hand mike. The microphone element in the hand mike is probably ok, but the plastic and small acoustic chamber is likely what is contributing to the tinny crusty sound.
Guess these little guys haven't been out long enough for anyone to start playing with higher quality microphones etc yet.
is there an onboard processor or audio boost or anything like that other than basic mike gain?

73
Colin, V A6BKX
----- Original Message -----
From: Fred VE3FAL
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: 'Ed Griffin' ; 'Ed Griffin'
Sent: Monday, May 13, 2013 8:34 PM
Subject: RE: [X1M_QRP-Transceiver] No Transmit on SSB

Ok just worked KF5JUG in El Paso Texas on 14.300 on the net, he was running a tribander and 600 watts.

He gave me a 5x2/5x3 and said the audio sounds compressed, not overdriven but like I was talking into a tin can.

So that is a good contact and test on phone with this little unit.

I was on my hustler 80-10 vertical antenna and nice to get this report.

So compressed is the first actual report I have gotten so far. Be glad to hear other audio reports.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Auto_Prof1
Sent: May 13, 2013 10:08 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] No Transmit on SSB

You weren't on 40 meters and above 7.150MHz when you tried that, were you?

From: kg0ew <kg0ew@...>
To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, May 13, 2013 9:59 PM
Subject: [X1M_QRP-Transceiver] No Transmit on SSB

Hi everyone,
Just unpacked my X1M. Seems to work on CW, though the sidetone is gawd-awful loud and very harsh - no sinewave here! No such luck on SSB however, with the provided mic, the PTT doesn't work - radio stays in receive.

I'm guessing a bad PTT switch in the microphone is the most likely culprit, Before I start tinkering, has anyone else seen this problem?

Thanks & 72,
KG0EW

221. Re: No Transmit on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 04:24:22 UTC
From: rkron1
Topic: 208 Message: 221

I found that when I first plugged in the mic that when I push to talk all I got was a clatter. Thought that the mic had been pushed in all the way but it wasn't. I pulled out the plug and reseated it and the clatter went away. The tolerance of the plug and receptacle on the radio must be very close, and any misalignment will prevent the PTT from working properly.
73 Dick W4RAK

--- In X1M_QRP-Transceiver@yahoogroups.com, "Colin McDonald" <blulemon@...> wrote:
>
> I would imagine using something like a cheap digital recorder, or old tape recorder microphone, or a computer headset mike that doesnt require power for the condenser (unless the x1m has plus V on the mike plug) would provide somewhat better audio than the poorly designed hand mike. The microphone element in the hand mike is probably ok, but the plastic and small acoustic chamber is likely what is contributing to the tinny crusty sound.
> Guess these little guys haven't been out long enough for anyone to start playing with higher quality microphones etc yet.
> is there an onboard processor or audio boost or anything like that other than basic mike gain?
>
> 73
> Colin, V A6BKX
> ----- Original Message -----
> From: Fred VE3FAL
> To: X1M_QRP-Transceiver@yahoogroups.com
> Cc: 'Ed Griffin' ; 'Ed Griffin'
> Sent: Monday, May 13, 2013 8:34 PM
> Subject: RE: [X1M_QRP-Transceiver] No Transmit on SSB
>
>
>
>
> Ok just worked KF5JUG in El Paso Texas on 14.300 on the net, he was running a tribander and 600 watts.
>
> He gave me a 5x2/5x3 and said the audio sounds compressed, not overdriven but like I was talking into a tin can.
>
> So that is a good contact and test on phone with this little unit.
>
> I was on my hustler 80-10 vertical antenna and nice to get this report.
>
>
>
> So compressed is the first actual report I have gotten so far. Be glad to hear other audio reports.

>
>
>
> Fred
>
> VE3FAL
>
>
>
>
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com]
On Behalf Of Auto_Prof1
> Sent: May 13, 2013 10:08 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: Re: [X1M_QRP-Transceiver] No Transmit on SSB
>
>
>
>
>
> You weren't on 40 meters and above 7.150MHz when you tried that, were you?
>
>
>
>
> ---
>
> From: kg0ew <kg0ew@...>
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Monday, May 13, 2013 9:59 PM
> Subject: [X1M_QRP-Transceiver] No Transmit on SSB
>
>
>
>
>
> Hi everyone,
> Just unpacked my X1M. Seems to work on CW, though the sidetone is gawd-awful loud and
very harsh - no sinewave here! No such luck on SSB however, with the provided mic, the PTT
doesn't work - radio stays in receive.
>
> I'm guessing a bad PTT switch in the microphone is the most likely culprit, Before I
start tinkering, has anyone else seen this problem?
>
> Thanks & 72,
> KG0EW
>

222. New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 05:46:42 UTC
From: kd5inm
Topic: 222 Message: 222

New HF rig, sells for $400

http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm

73' John kd5inm

223. Re: [X1M_QRP-Transceiver] New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 06:04:22 UTC
From: Colin McDonald
Topic: 222 Message: 223

wow, the details are astounding.
an what the hell is an anti-collision alarm, definitely notable hahaha :)
it's not an x1m though.

73
Colin
----- Original Message -----
From: kd5inm
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, May 13, 2013 11:46 PM
Subject: [X1M_QRP-Transceiver] New Chinese HF rig

New HF rig, sells for $400

http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm

73' John kd5inm

224. Re: [X1M_QRP-Transceiver] No Transmit on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 11:52:59 UTC
From: Mark Thompson
Topic: 208 Message: 224

Mine works perfectly. I always get great audio reports with that little mic.
73....Mark
On May 13, 2013 9:59 PM, "kg0ew" <kg0ew@...> wrote:

> **
>
>
> Hi everyone,
> Just unpacked my X1M. Seems to work on CW, though the sidetone is
> gawd-awful loud and very harsh - no sinewave here! No such luck on SSB
> however, with the provided mic, the PTT doesn't work - radio stays in
> receive.
>
> I'm guessing a bad PTT switch in the microphone is the most likely
> culprit, Before I start tinkering, has anyone else seen this problem?
>
> Thanks & 72,
> KG0EW
>
>
>

225. w4rak/mars

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 12:53:38 UTC
From: POB
Topic: 225 Message: 225

Your statement caught me on surprise..you had checked into the AIRFORCE NET....
Very good...
How far does the radio transmit on 80 meters...say to 4050?
Also on 40 meters?..say to 7350?..if you have tried in that area<mars>.
73
POB/K8LEN

226. Re: [X1M_QRP-Transceiver] w4rak/mars

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 13:14:13 UTC
From: VE3FAL-Fred
Topic: 225 Message: 226

Guys the radio is continuos transmit for teh entire spectrum for 1.8-29.999 Mhz.

Fred
VE3FAL

On Tue, 14 May 2013 12:53:38 -0000
"POB" wrote:
Your statement caught me on surprise..you had checked into the AIRFORCE
NET....
Very good...
How far does the radio transmit on 80 meters...say to 4050?
Also on 40 meters?..say to 7350?..if you have tried in that area.
73
POB/K8LEN

227. Re: [X1M_QRP-Transceiver] New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 14:06:35 UTC
From: Buddy Brannan
Topic: 222 Message: 227

Doesn't say a lot about it, does it? Like, hardly nothin.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On May 14, 2013, at 1:46 AM, "kd5inm" <kd5inm@...> wrote:

>
> New HF rig, sells for $400
>
> http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm
>
> 73' John kd5inm
>
>

228. Re: [X1M_QRP-Transceiver] New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 14:10:25 UTC
From: mstangelo@...
Topic: 222 Message: 228

It looks like a Marine HF SSB rig.

The anti-collision alarm sounds like an input from a MArine RAdar set.

Mike N2MS
----- Original Message -----
From: Colin McDonald <blulemon@...>
To: X1M QRP-Transceiver <X1M_QRP-Transceiver@yahoogroups.com>
Sent: Tue, 14 May 2013 06:04:22 -0000 (UTC)
Subject: Re: [X1M_QRP-Transceiver] New Chinese HF rig

wow, the details are astounding.
an what the hell is an anti-collision alarm, definitely notable hahaha :)
it's not an x1m though.

73
Colin

229. RE: [X1M_QRP-Transceiver] New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 14:23:46 UTC
From: Fred VE3FAL
Topic: 222 Message: 229

Yea I noticed that, did a google search as well and hardly anything came up about this..

Fred
VE3FAL

-----Original Message-----
From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Buddy Brannan
Sent: May 14, 2013 10:07 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] New Chinese HF rig

Doesn't say a lot about it, does it? Like, hardly nothin.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On May 14, 2013, at 1:46 AM, "kd5inm" <kd5inm@...> wrote:

>
> New HF rig, sells for $400
>
> http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm
>
> 73' John kd5inm
>
>

Yahoo! Groups Links

230. Re: [X1M_QRP-Transceiver] New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 14:24:42 UTC
From: Buddy Brannan
Topic: 222 Message: 230

Here's a tiny bit more information on this thing:

http://www.cqdx.ru/ham/new-equipment/ftgmdc-feitong-chinese-ft-808-hf-transceiver/

Not that we're much wiser than before, but a little. I wonder if there's an auto tuner available for it (doubt it); is it computer controllable/programmable (no clue); why does it say HF/VHF when it only lists HF bands (no matter, $400 is a pretty killer price for what sounds like a 100-watt rig, unless it's total crap).
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On May 14, 2013, at 2:04 AM, Colin McDonald <blulemon@...> wrote:

>
> wow, the details are astounding.
> an what the hell is an anti-collision alarm, definitely notable hahaha :)
> it's not an x1m though.
>
> 73
> Colin
> ----- Original Message -----
> From: kd5inm
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Monday, May 13, 2013 11:46 PM
> Subject: [X1M_QRP-Transceiver] New Chinese HF rig
>
>
>
> New HF rig, sells for $400
>
> http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm
>
> 73' John kd5inm
>
>
>
>

231. Re: [X1M_QRP-Transceiver] New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 14:29:58 UTC
From: mstangelo@...
Topic: 222 Message: 231

It's a marine rig, probably preloaded with the Marine channels. Note that it does not have a tuning knob. entering Ham radio frequencies may be cumbersome.

Mike N2MS
----- Original Message -----
From: Buddy Brannan <buddy@...>
To: X1M QRP-Transceiver <X1M_QRP-Transceiver@yahoogroups.com>
Sent: Tue, 14 May 2013 14:24:42 -0000 (UTC)
Subject: Re: [X1M_QRP-Transceiver] New Chinese HF rig

Here's a tiny bit more information on this thing:

http://www.cqdx.ru/ham/new-equipment/ftgmdc-feitong-chinese-ft-808-hf-transceiver/

Not that we're much wiser than before, but a little. I wonder if there's an auto tuner available for it (doubt it); is it computer controllable/programmable (no clue); why does it say HF/VHF when it only lists HF bands (no matter, $400 is a pretty killer price for what sounds like a 100-watt rig, unless it's total crap).
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

232. Re: New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 15:18:04 UTC
From: Dale K
Topic: 222 Message: 232

I am in China now and I have checked into this radio, it's been out for a couple yrs. it's marine and cost is around $2000 USD. I was excited too when I found it but that excitement went away fast when I got the price

--- In X1M_QRP-Transceiver@yahoogroups.com, Buddy Brannan <buddy@...> wrote:
>
> Doesn't say a lot about it, does it? Like, hardly nothin.
> --
> Buddy Brannan, KB5ELV - Erie, PA
> Phone: (814) 860-3194 or 888-75-BUDDY
>
>
>
> On May 14, 2013, at 1:46 AM, "kd5inm" <kd5inm@...> wrote:
>
> >
> > New HF rig, sells for $400
> >
> > http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm
> >
> > 73' John kd5inm
> >
> >
>

233. RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 17:46:33 UTC
From: Fred VE3FAL
Topic: 222 Message: 233

Which is odd because all the sites I looked at this morning quoted 400-450 USD$...

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale K
Sent: May 14, 2013 11:18 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: New Chinese HF rig

I am in China now and I have checked into this radio, it's been out for a couple yrs. it's marine and cost is around $2000 USD. I was excited too when I found it but that excitement went away fast when I got the price

--- In X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , Buddy Brannan <buddy@...> wrote:
>
> Doesn't say a lot about it, does it? Like, hardly nothin.
> --
> Buddy Brannan, KB5ELV - Erie, PA
> Phone: (814) 860-3194 or 888-75-BUDDY
>
>
>
> On May 14, 2013, at 1:46 AM, "kd5inm" <kd5inm@...> wrote:
>
> >
> > New HF rig, sells for $400
> >
> > http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm
> >
> > 73' John kd5inm
> >
> >
>

234. RE: [X1M_QRP-Transceiver] New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 17:48:15 UTC
From: Fred VE3FAL
Topic: 222 Message: 234

I had a Icom M-600 and it was modified for the entire spectrum and keyboard entry was a snap with that unit.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of mstangelo@...
Sent: May 14, 2013 10:30 AM
To: X1M QRP-Transceiver
Subject: Re: [X1M_QRP-Transceiver] New Chinese HF rig

It's a marine rig, probably preloaded with the Marine channels. Note that it does not have a tuning knob. entering Ham radio frequencies may be cumbersome.

Mike N2MS
----- Original Message -----
From: Buddy Brannan <buddy@...e <mailto:buddy%40brannan.name> >
To: X1M QRP-Transceiver <X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver%40yahoogroups.com> >
Sent: Tue, 14 May 2013 14:24:42 -0000 (UTC)
Subject: Re: [X1M_QRP-Transceiver] New Chinese HF rig

Here's a tiny bit more information on this thing:

http://www.cqdx.ru/ham/new-equipment/ftgmdc-feitong-chinese-ft-808-hf-transceiver/

Not that we're much wiser than before, but a little. I wonder if there's an auto tuner available for it (doubt it); is it computer controllable/programmable (no clue); why does it say HF/VHF when it only lists HF bands (no matter, $400 is a pretty killer price for what sounds like a 100-watt rig, unless it's total crap).
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

235. RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 17:52:42 UTC
From: Fred VE3FAL
Topic: 222 Message: 235

http://www.cqdx.ru/ham/new-equipment/ftgmdc-feitong-chinese-ft-808-hf-transc
eiver/

$410 USD, yep keypad so programming is a snap.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Fred VE3FAL
Sent: May 14, 2013 1:47 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig

Which is odd because all the sites I looked at this morning quoted 400-450
USD$...

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale K
Sent: May 14, 2013 11:18 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: New Chinese HF rig

I am in China now and I have checked into this radio, it's been out for a
couple yrs. it's marine and cost is around $2000 USD. I was excited too when
I found it but that excitement went away fast when I got the price

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , Buddy Brannan <buddy@...>
wrote:
>
> Doesn't say a lot about it, does it? Like, hardly nothin.
> --
> Buddy Brannan, KB5ELV - Erie, PA
> Phone: (814) 860-3194 or 888-75-BUDDY
>
>
>
> On May 14, 2013, at 1:46 AM, "kd5inm" <kd5inm@...> wrote:
>
> >
> > New HF rig, sells for $400

> >
> > http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm
> >
> > 73' John kd5inm
> >
> >
>

236. Re: [X1M_QRP-Transceiver] Re: New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 17:54:34 UTC
From: Buddy Brannan
Topic: 222 Message: 236

Hey Fred,

By "keypad", do you mean a numeric keypad, or, like, just buttons for up/down/etc.?

I'd sure like to see one of these. Might be worth writing to Grace what's her name and asking about computer control and other things.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On May 14, 2013, at 1:52 PM, "Fred VE3FAL" <flesnick@...> wrote:

>
> http://www.cqdx.ru/ham/new-equipment/ftgmdc-feitong-chinese-ft-808-hf-transceiver/
>
>
>
>
>
> $410 USD, yep keypad so programming is a snap.
>
>
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com]
On Behalf Of Fred VE3FAL
> Sent: May 14, 2013 1:47 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig
>
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>
>
> Which is odd because all the sites I looked at this morning quoted 400-450 USD$...
>
>
>
> Fred

>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com]
On Behalf Of Dale K
> Sent: May 14, 2013 11:18 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Re: New Chinese HF rig
>
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>
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>
> I am in China now and I have checked into this radio, it's been out for a couple yrs.
it's marine and cost is around $2000 USD. I was excited too when I found it but that
excitement went away fast when I got the price
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, Buddy Brannan <buddy@...> wrote:
> >
> > Doesn't say a lot about it, does it? Like, hardly nothin.
> > --
> > Buddy Brannan, KB5ELV - Erie, PA
> > Phone: (814) 860-3194 or 888-75-BUDDY
> >
> >
> >
> > On May 14, 2013, at 1:46 AM, "kd5inm" <kd5inm@...> wrote:
> >
> > >
> > > New HF rig, sells for $400
> > >
> > > http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm
> > >
> > > 73' John kd5inm
> > >
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237. RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 18:02:42 UTC
From: Fred VE3FAL
Topic: 222 Message: 237

Buddy, yea the numeric keypad, I already sent a message this morning to Grace. I see it does RTTY so I am wondering what kind of connectors are there for computer control and other digital modes.

Fred
VE3FAL

-----Original Message-----
From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Buddy Brannan
Sent: May 14, 2013 1:55 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: New Chinese HF rig

Hey Fred,

By "keypad", do you mean a numeric keypad, or, like, just buttons for up/down/etc.?

I'd sure like to see one of these. Might be worth writing to Grace what's her name and asking about computer control and other things.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On May 14, 2013, at 1:52 PM, "Fred VE3FAL" <flesnick@...> wrote:

>
>
http://www.cqdx.ru/ham/new-equipment/ftgmdc-feitong-chinese-ft-808-hf-transceiver/
>
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>
>
> $410 USD, yep keypad so programming is a snap.
>
>
>
>
>
> Fred
>
> VE3FAL
>
>

>
> From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Fred VE3FAL
> Sent: May 14, 2013 1:47 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig
>
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>
>
> Which is odd because all the sites I looked at this morning quoted 400-450
USD$...
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>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale K
> Sent: May 14, 2013 11:18 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Re: New Chinese HF rig
>
>
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> I am in China now and I have checked into this radio, it's been out for a
couple yrs. it's marine and cost is around $2000 USD. I was excited too when
I found it but that excitement went away fast when I got the price
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> --- In X1M_QRP-Transceiver@yahoogroups.com, Buddy Brannan <buddy@...>
wrote:
> >
> > Doesn't say a lot about it, does it? Like, hardly nothin.
> > --
> > Buddy Brannan, KB5ELV - Erie, PA
> > Phone: (814) 860-3194 or 888-75-BUDDY
> >
> >
> >
> > On May 14, 2013, at 1:46 AM, "kd5inm" <kd5inm@...> wrote:
> >
> > >
> > > New HF rig, sells for $400

> > >
> > > http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm
> > >
> > > 73' John kd5inm
> > >
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Yahoo! Groups Links

238. Re: [X1M_QRP-Transceiver] Re: New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 18:42:32 UTC
From: Buddy Brannan
Topic: 222 Message: 238

Hi,

Excellent! Well, do let us low what she says.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On May 14, 2013, at 2:02 PM, "Fred VE3FAL" <flesnick@...> wrote:

> Buddy, yea the numeric keypad, I already sent a message this morning to
> Grace. I see it does RTTY so I am wondering what kind of connectors are
> there for computer control and other digital modes.
>
> Fred
> VE3FAL
>
> -----Original Message-----
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Buddy Brannan
> Sent: May 14, 2013 1:55 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: Re: [X1M_QRP-Transceiver] Re: New Chinese HF rig
>
> Hey Fred,
>
> By "keypad", do you mean a numeric keypad, or, like, just buttons for
> up/down/etc.?
>
> I'd sure like to see one of these. Might be worth writing to Grace what's
> her name and asking about computer control and other things.
> --
> Buddy Brannan, KB5ELV - Erie, PA
> Phone: (814) 860-3194 or 888-75-BUDDY
>
> On May 14, 2013, at 1:52 PM, "Fred VE3FAL" <flesnick@...> wrote:
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> >
> >
> http://www.cqdx.ru/ham/new-equipment/ftgmdc-feitong-chinese-ft-808-hf-transc
> eiver/
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> > $410 USD, yep keypad so programming is a snap.

> >
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> >
> >
> >
> > Fred
> >
> > VE3FAL
> >
> >
> >
> > From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Fred VE3FAL
> > Sent: May 14, 2013 1:47 PM
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Subject: RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig
> >
> >
> >
> >
> >
> > Which is odd because all the sites I looked at this morning quoted 400-450
> USD$...
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> >
> > Fred
> >
> > VE3FAL
> >
> >
> >
> > From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale K
> > Sent: May 14, 2013 11:18 AM
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Subject: [X1M_QRP-Transceiver] Re: New Chinese HF rig
> >
> >
> >
> >
> >
> > I am in China now and I have checked into this radio, it's been out for a
> couple yrs. it's marine and cost is around $2000 USD. I was excited too when
> I found it but that excitement went away fast when I got the price
> >
> > --- In X1M_QRP-Transceiver@...m, Buddy Brannan <buddy@...>
> wrote:
> > >
> > > Doesn't say a lot about it, does it? Like, hardly nothin.

> > > --
> > > Buddy Brannan, KB5ELV - Erie, PA
> > > Phone: (814) 860-3194 or 888-75-BUDDY
> > >
> > >
> > >
> > > On May 14, 2013, at 1:46 AM, "kd5inm" <kd5inm@...> wrote:
> > >
> > > >
> > > > New HF rig, sells for $400
> > > >
> > > > http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm
> > > >
> > > > 73' John kd5inm
> > > >
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>
> Yahoo! Groups Links
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>

239. Re: [X1M_QRP-Transceiver] Re: New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 18:51:54 UTC
From: Colin McDonald
Topic: 222 Message: 239

and, if it's anything at all like most marine HF radios, it's pretty simple to change it to tx continuous and get the HF ham bands out of it.

73
Colin
----- Original Message -----
From: Fred VE3FAL
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, May 14, 2013 11:52 AM
Subject: RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig

http://www.cqdx.ru/ham/new-equipment/ftgmdc-feitong-chinese-ft-808-hf-transceiver/

$410 USD, yep keypad so programming is a snap.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Fred VE3FAL
Sent: May 14, 2013 1:47 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig

Which is odd because all the sites I looked at this morning quoted 400-450 USD$...

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale K
Sent: May 14, 2013 11:18 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: New Chinese HF rig

I am in China now and I have checked into this radio, it's been out for a couple yrs. it's marine and cost is around $2000 USD. I was excited too when I found it but that excitement went away fast when I got the price

--- In X1M_QRP-Transceiver@yahoogroups.com, Buddy Brannan <buddy@...> wrote:
>
> Doesn't say a lot about it, does it? Like, hardly nothin.
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> Buddy Brannan, KB5ELV - Erie, PA
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>

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>
> On May 14, 2013, at 1:46 AM, "kd5inm" <kd5inm@...> wrote:
>
> >
> > New HF rig, sells for $400
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> > http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm
> >
> > 73' John kd5inm
> >
> >
>

240. Re: [X1M_QRP-Transceiver] Re: New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 18:58:36 UTC
From: Colin McDonald
Topic: 222 Message: 240

ah, should have read the page at the link you sent.
Looks interesting.
Sometimes these rigs are great to operate mobile or in the field because they are fairly stripped down and don't have allot of the bells and whistles modern ham rigs tend to have that distract from operating sometimes.
It says HF VHF, so are they considering 10M to be VHF? the freq range states up to 29.9999MHZ and no higher.
Looks like a 100W rig, perhaps more because the max current draw is 25 amps which would indicate around 120W of output.
And I don't think the marine VHF frequencies would be preprogrammed as there are more than 100 of those lol.

73
Colin
----- Original Message -----
From: Colin McDonald
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, May 14, 2013 12:51 PM
Subject: Re: [X1M_QRP-Transceiver] Re: New Chinese HF rig

and, if it's anything at all like most marine HF radios, it's pretty simple to change it to tx continuous and get the HF ham bands out of it.

73
Colin
----- Original Message -----
From: Fred VE3FAL
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, May 14, 2013 11:52 AM
Subject: RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig

http://www.cqdx.ru/ham/new-equipment/ftgmdc-feitong-chinese-ft-808-hf-transceiver/

$410 USD, yep keypad so programming is a snap.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Fred VE3FAL
Sent: May 14, 2013 1:47 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig

Which is odd because all the sites I looked at this morning quoted 400-450 USD$...

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale K
Sent: May 14, 2013 11:18 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: New Chinese HF rig

I am in China now and I have checked into this radio, it's been out for a couple yrs. it's marine and cost is around $2000 USD. I was excited too when I found it but that excitement went away fast when I got the price

--- In X1M_QRP-Transceiver@yahoogroups.com, Buddy Brannan <buddy@...> wrote:
>
> Doesn't say a lot about it, does it? Like, hardly nothin.
> --
> Buddy Brannan, KB5ELV - Erie, PA
> Phone: (814) 860-3194 or 888-75-BUDDY
>
>
>
> On May 14, 2013, at 1:46 AM, "kd5inm" <kd5inm@...> wrote:
>
> >
> > New HF rig, sells for $400
> >
> > http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm
> >
> > 73' John kd5inm
> >
> >
>

241. Re: [X1M_QRP-Transceiver] Re: New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 19:06:24 UTC
From: Tim
Topic: 222 Message: 241

Noticed GPS coordinates... probably external antenna... haven't seen
back panel.

Tim W5FN

>
>
> ah, should have read the page at the link you sent.
> Looks interesting.
> Sometimes these rigs are great to operate mobile or in the field
> because they are fairly stripped down and don't have allot of the
> bells and whistles modern ham rigs tend to have that distract from
> operating sometimes.
> It says HF VHF, so are they considering 10M to be VHF? the freq range
> states up to 29.9999MHZ and no higher.
> Looks like a 100W rig, perhaps more because the max current draw is 25
> amps which would indicate around 120W of output.
> And I don't think the marine VHF frequencies would be preprogrammed as
> there are more than 100 of those lol.
> 73
> Colin
>
> ----- Original Message -----
> *From:* Colin McDonald <mailto:blulemon@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Tuesday, May 14, 2013 12:51 PM
> *Subject:* Re: [X1M_QRP-Transceiver] Re: New Chinese HF rig
>
> and, if it's anything at all like most marine HF radios, it's
> pretty simple to change it to tx continuous and get the HF ham
> bands out of it.
> 73
> Colin
>
> ----- Original Message -----
> *From:* Fred VE3FAL <mailto:flesnick@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Tuesday, May 14, 2013 11:52 AM
> *Subject:* RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig
>
> http://www.cqdx.ru/ham/new-equipment/ftgmdc-feitong-chinese-ft-808-hf-transceiver/
>
> $410 USD, yep keypad so programming is a snap.

>
> Fred
>
> VE3FAL
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of
> *Fred VE3FAL
> *Sent:* May 14, 2013 1:47 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Subject:* RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig
>
> Which is odd because all the sites I looked at this morning
> quoted 400-450 USD$...
>
> Fred
>
> VE3FAL
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Dale K
> *Sent:* May 14, 2013 11:18 AM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Subject:* [X1M_QRP-Transceiver] Re: New Chinese HF rig
>
> I am in China now and I have checked into this radio, it's
> been out for a couple yrs. it's marine and cost is around
> $2000 USD. I was excited too when I found it but that
> excitement went away fast when I got the price
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, Buddy Brannan
> <buddy@... <mailto:buddy@...>> wrote:
> >
> > Doesn't say a lot about it, does it? Like, hardly nothin.
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> > Buddy Brannan, KB5ELV - Erie, PA
> > Phone: (814) 860-3194 or 888-75-BUDDY
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> >
> >
> > On May 14, 2013, at 1:46 AM, "kd5inm" <kd5inm@...
> <mailto:kd5inm@...>> wrote:
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> > >
> > > New HF rig, sells for $400

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> > >
> http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm
> > >
> > > 73' John kd5inm
> > >
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242. x1m/xmit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 21:35:21 UTC
From: POB
Topic: 242 Message: 242

Tnx FRED for the answer on xmiting..sounds good...now to see reports on digital<I am cautious on what I buy, it is close to fitting the bill>,
One wouldnt need a tnc..just like I do connect from the digital plug into computer headest in/out, works fine, have done it for years on my YAESU...
Now for reports on digital.
POB/K8LEN

243. Re: [X1M_QRP-Transceiver] Re: New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 22:02:28 UTC
From: Wally
Topic: 222 Message: 243

Agreed! This HF radio sounds very exciting. We need a ham in the states to get there hands on one and do a write up.

--- On Tue, 5/14/13, Buddy Brannan <buddy@...> wrote:

From: Buddy Brannan <buddy@brannan.name>
Subject: Re: [X1M_QRP-Transceiver] Re: New Chinese HF rig
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Tuesday, May 14, 2013, 1:54 PM

Hey Fred,

By "keypad", do you mean a numeric keypad, or, like, just buttons for up/down/etc.?

I'd sure like to see one of these. Might be worth writing to Grace what's her name and asking about computer control and other things.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On May 14, 2013, at 1:52 PM, "Fred VE3FAL" <flesnick@...> wrote:

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> http://www.cqdx.ru/ham/new-equipment/ftgmdc-feitong-chinese-ft-808-hf-transceiver/
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> $410 USD, yep keypad so programming is a snap.
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> Fred
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> VE3FAL
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>
> From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Fred VE3FAL
> Sent: May 14, 2013 1:47 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig
>

>
>
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> Which is odd because all the sites I looked at this morning quoted 400-450 USD$...
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> Fred
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> VE3FAL
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> From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com]
On Behalf Of Dale K
> Sent: May 14, 2013 11:18 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Re: New Chinese HF rig
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> I am in China now and I have checked into this radio, it's been out for a couple yrs.
it's marine and cost is around $2000 USD. I was excited too when I found it but that
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> --- In X1M_QRP-Transceiver@yahoogroups.com, Buddy Brannan <buddy@...> wrote:
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> > Doesn't say a lot about it, does it? Like, hardly nothin.
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> > Buddy Brannan, KB5ELV - Erie, PA
> > Phone: (814) 860-3194 or 888-75-BUDDY
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> > On May 14, 2013, at 1:46 AM, "kd5inm" <kd5inm@...> wrote:
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> > > http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm
> > >
> > > 73' John kd5inm
> > >
> > >
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>

Yahoo! Groups Links

244. Poor First Impression

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 22:17:56 UTC
From: ewmicro
Topic: 244 Message: 244

I received my X1M this afternoon. I briefly gave it a shot on CW. The first thing I noticed was that the key was reverse wired (i.e. for a lefty).

Mine only puts out 2 to 3 watts CW into a dummy load. Is anyone getting 5 watts out?

One of the buttons was sticky.

As mentioned in a previous post, the sidetone is very raspy and loud enough to scare you. Also, as previously mentioned, the max audio is not very loud. My speaker rattles - sounds like it is hitting the case.

My LDG Z11 Pro has trouble matching my antenna. I have no problem with the Z11 matching my Elecraft KX3 on the same frequency & antenna.

I haven't investigated any of this. I only had about 5 minutes to play with it. I emailed Ed and asked whether opening the case would invalidate the warranty - whatever that is.

This leaves me with a rather poor first impression.

Jim
W1FMG

245. Re: [X1M_QRP-Transceiver] Poor First Impression

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 22:55:04 UTC
From: George Allen
Topic: 244 Message: 245

I thank the buyers for their honesty. I have had my finger on the "submit" button for days, but now I will wait until the market settles down. There must be a lot of pressure to supply finished radios to the waiting list. Looks to me like my chance of getting a good unit is around 50%. But it is so cute, small, and so many features. :-))

Kd0nme

On May 14, 2013, at 5:17 PM, "ewmicro" <jim.hurwitz@...> wrote:

> I received my X1M this afternoon. I briefly gave it a shot on CW. The first thing I noticed was that the key was reverse wired (i.e. for a lefty).
>
> Mine only puts out 2 to 3 watts CW into a dummy load. Is anyone getting 5 watts out?
>
> One of the buttons was sticky.
>
> As mentioned in a previous post, the sidetone is very raspy and loud enough to scare you. Also, as previously mentioned, the max audio is not very loud. My speaker rattles - sounds like it is hitting the case.
>
> My LDG Z11 Pro has trouble matching my antenna. I have no problem with the Z11 matching my Elecraft KX3 on the same frequency & antenna.
>
> I haven't investigated any of this. I only had about 5 minutes to play with it. I emailed Ed and asked whether opening the case would invalidate the warranty - whatever that is.
>
> This leaves me with a rather poor first impression.
>
> Jim
> W1FMG
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> Yahoo! Groups Links
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246. Re: [X1M_QRP-Transceiver] Poor First Impression

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-14 23:31:37 UTC
From: qrv@kd4e.com
Topic: 244 Message: 246

George,

It is my expectation that more low price multi-band HF
rigs will be hitting the market later this year and early 2014.

The X1M has broken open the market and will have lots
of company in various forms soon.

I'm aware of one such project planned for Dayton 2014
that is LF to 10.5 GHZ multimode in kit form as a milliwatt
exciter for $200. with 5, 20, & 100w amp module options.

There are already other kits and projects out there
with more to come for sure!

73, David KD4E

> I thank the buyers for their honesty. I have had my finger on the
> "submit" button for days, but now I will wait until the market
> settles down. There must be a lot of pressure to supply finished
> radios to the waiting list. Looks to me like my chance of getting a
> good unit is around 50%. But it is so cute, small, and so many
> features. :-))
>
> Kd0nme

--

Thanks! & 73, KD4E.com

David Colburn - Nevils, Georgia USA

Search with: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

247. Re: [X1M_QRP-Transceiver] Poor First Impression

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 11:55:09 UTC
From: Mark Thompson
Topic: 244 Message: 247

Jim,
Sorry you are having some issues with your X1M. Mine is working great on SSB. Just wonder what band you are getting 2-3 watts out on. I notice that mine has reduced output on 15 and 10. Mine puts out 4-5 on 80, 40 and 20.
73,
Mark....KV8T
On May 14, 2013 6:18 PM, "ewmicro" <jim.hurwitz@...m> wrote:

> **
>
>
> I received my X1M this afternoon. I briefly gave it a shot on CW. The
> first thing I noticed was that the key was reverse wired (i.e. for a
> lefty).
>
> Mine only puts out 2 to 3 watts CW into a dummy load. Is anyone getting 5
> watts out?
>
> One of the buttons was sticky.
>
> As mentioned in a previous post, the sidetone is very raspy and loud
> enough to scare you. Also, as previously mentioned, the max audio is not
> very loud. My speaker rattles - sounds like it is hitting the case.
>
> My LDG Z11 Pro has trouble matching my antenna. I have no problem with the
> Z11 matching my Elecraft KX3 on the same frequency & antenna.
>
> I haven't investigated any of this. I only had about 5 minutes to play
> with it. I emailed Ed and asked whether opening the case would invalidate
> the warranty - whatever that is.
>
> This leaves me with a rather poor first impression.
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> Jim
> W1FMG
>
>
>

248. Re: [X1M_QRP-Transceiver] Re: New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 11:58:54 UTC
From: Mark Thompson
Topic: 222 Message: 248

I have had one for over 3 weeks now and love it. Working a lot of DX on 15
and 20 meters with a ground mounted 5BTV. Got mine from
www.importcommunications.com in N. Carolina for $299.
73
Mark....KV8T
On May 14, 2013 6:02 PM, "Wally" <wowxxi2002@...> wrote:

> **
>
>
> Agreed! This HF radio sounds very exciting. We need a ham in the states
> to get there hands on one and do a write up.
>
> --- On *Tue, 5/14/13, Buddy Brannan <buddy@brannan.name>* wrote:
>
>
> From: Buddy Brannan <buddy@...>
> Subject: Re: [X1M_QRP-Transceiver] Re: New Chinese HF rig
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Tuesday, May 14, 2013, 1:54 PM
>
> Hey Fred,
>
> By "keypad", do you mean a numeric keypad, or, like, just buttons for
> up/down/etc.?
>
> I'd sure like to see one of these. Might be worth writing to Grace what's
> her name and asking about computer control and other things.
> --
> Buddy Brannan, KB5ELV - Erie, PA
> Phone: (814) 860-3194 or 888-75-BUDDY
>
>
>
> On May 14, 2013, at 1:52 PM, "Fred VE3FAL"
<flesnick@...<http://us.mc1255.mail.yahoo.com/mc/compose?to=flesnick@...>>
> wrote:
>
> >
> >
> http://www.cqdx.ru/ham/new-equipment/ftgmdc-feitong-chinese-ft-808-hf-transceiver/
> >
> >
> >
> >

> >
> > $410 USD, yep keypad so programming is a snap.
> >
> >
> >
> >
> >
> > Fred
> >
> > VE3FAL
> >
> >
> >
> > From: X1M_QRP-Transceiver@yahoogroups.com<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogroups.com>[mailto:
> X1M_QRP-Transceiver@yahoogroups.com<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogroups.com>]
> On Behalf Of Fred VE3FAL
> > Sent: May 14, 2013 1:47 PM
> > To: X1M_QRP-Transceiver@yahoogroups.com<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@...m>
> > Subject: RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig
> >
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> >
> > Which is odd because all the sites I looked at this morning quoted
> 400-450 USD$...
> >
> >
> >
> > Fred
> >
> > VE3FAL
> >
> >
> >
> > From: X1M_QRP-Transceiver@yahoogroups.com<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogroups.com>[mailto:
> X1M_QRP-Transceiver@yahoogroups.com<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogroups.com>]
> On Behalf Of Dale K
> > Sent: May 14, 2013 11:18 AM
> > To: X1M_QRP-Transceiver@yahoogroups.com<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogroups.com>
> > Subject: [X1M_QRP-Transceiver] Re: New Chinese HF rig
> >
> >
> >

> >
> >
> > I am in China now and I have checked into this radio, it's been out for
> a couple yrs. it's marine and cost is around $2000 USD. I was excited too
> when I found it but that excitement went away fast when I got the price
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com<http://us.mc1255.mail.yahoo.com/mc/compose?
to=X1M_QRP-Transceiver@yahoogroups.com>,
> Buddy Brannan <buddy@...> wrote:
> > >
> > > Doesn't say a lot about it, does it? Like, hardly nothin.
> > > --
> > > Buddy Brannan, KB5ELV - Erie, PA
> > > Phone: (814) 860-3194 or 888-75-BUDDY
> > >
> > >
> > >
> > > On May 14, 2013, at 1:46 AM, "kd5inm" <kd5inm@...> wrote:
> > >
> > > >
> > > > New HF rig, sells for $400
> > > >
> > > >
> http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm
> > > >
> > > > 73' John kd5inm
> > > >
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> Yahoo! Groups Links
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249. Re: [X1M_QRP-Transceiver] Poor First Impression

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 11:59:09 UTC
From: Jim Hurwitz
Topic: 244 Message: 249

I get about 3 watts on 80 meters, decreasing to about 1.5 watts on 10 meters. I am going to open it up and look for anything obvious.

On Wed, May 15, 2013 at 7:55 AM, Mark Thompson <mhtent@...> wrote:

> **
>
>
> Jim,
> Sorry you are having some issues with your X1M. Mine is working great on
> SSB. Just wonder what band you are getting 2-3 watts out on. I notice that
> mine has reduced output on 15 and 10. Mine puts out 4-5 on 80, 40 and 20.
> 73,
> Mark....KV8T
> On May 14, 2013 6:18 PM, "ewmicro" <jim.hurwitz@gmail.com> wrote:
>
>> **
>>
>>
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>> first thing I noticed was that the key was reverse wired (i.e. for a
>> lefty).
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>> Mine only puts out 2 to 3 watts CW into a dummy load. Is anyone getting 5
>> watts out?
>>
>> One of the buttons was sticky.
>>
>> As mentioned in a previous post, the sidetone is very raspy and loud
>> enough to scare you. Also, as previously mentioned, the max audio is not
>> very loud. My speaker rattles - sounds like it is hitting the case.
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>> My LDG Z11 Pro has trouble matching my antenna. I have no problem with
>> the Z11 matching my Elecraft KX3 on the same frequency & antenna.
>>
>> I haven't investigated any of this. I only had about 5 minutes to play
>> with it. I emailed Ed and asked whether opening the case would invalidate
>> the warranty - whatever that is.
>>
>> This leaves me with a rather poor first impression.
>>
>> Jim
>> W1FMG
>>
>>

>

250. RE: [X1M_QRP-Transceiver] Poor First Impression

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 13:30:40 UTC
From: Fred VE3FAL
Topic: 244 Message: 250

I have full power on mine across the band, 4.5 watts is the baseline power out with the odd area peaking 5 watts..This is into a dummy load.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Jim Hurwitz
Sent: May 15, 2013 7:59 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Poor First Impression

I get about 3 watts on 80 meters, decreasing to about 1.5 watts on 10 meters. I am going to open it up and look for anything obvious.

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Jim,
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73,
Mark....KV8T

On May 14, 2013 6:18 PM, "ewmicro" <jim.hurwitz@...> wrote:

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Mine only puts out 2 to 3 watts CW into a dummy load. Is anyone getting 5 watts out?

One of the buttons was sticky.

As mentioned in a previous post, the sidetone is very raspy and loud enough to scare you. Also, as previously mentioned, the max audio is not very loud. My speaker rattles - sounds like it is hitting the case.

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I haven't investigated any of this. I only had about 5 minutes to play with it. I emailed Ed and asked whether opening the case would invalidate the warranty - whatever that is.

This leaves me with a rather poor first impression.

Jim
W1FMG

251. Re: [X1M_QRP-Transceiver] Poor First Impression

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 13:48:04 UTC
From: Auto_Prof1
Topic: 244 Message: 251

My power output matches VE3FAL's into my Heathkit Cantenna as well.......

Chip - K9MIT

From: Fred VE3FAL <flesnick@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, May 15, 2013 9:30 AM
Subject: RE: [X1M_QRP-Transceiver] Poor First Impression

I have full power on mine across the band, 4.5 watts is the baseline power out with the odd area peaking 5 watts..This is into a dummy load.

Fred
VE3FAL

From:X1M_QRP-Transceiver@...m [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Jim Hurwitz
Sent: May 15, 2013 7:59 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Poor First Impression

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73,
Mark....KV8T
On May 14, 2013 6:18 PM, "ewmicro" <jim.hurwitz@...> wrote:

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This leaves me with a rather poor first impression.

Jim
W1FMG

252. Just purchased two and did a quick run thru, found some minor issues

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 14:04:48 UTC
From: George C
Topic: 252 Message: 252

Just got two from Ed Griffin. Fast service, BTW. As another reported it appeared a problem with a radio or mic. Key radio, and it would continuously over current the p/s and reset, do again, etc. That particular radio also had very loose front and back panel screws. So took apart, re-assembled problem seemed to go away but returned a while later and then it didn't key at all. Looked at the plug. The flat part of the mic connector has to be right up against the mic jack or it does all of the above. But if you screw the plastic shell as far as it will go on the plug it will keep the mic connector out enough for funny stuff. So I echo what someone else said, just back the shell off a bit and it is fine.

RX sensitivity on some bands was not great. This is the output filters not being the greatest (hey, $299, right?)and that's not the biggest point here, but the frequency they have in the code running the rig where filters change is the problem. 7.150? Really? Sensitivity much better at 7.14999 than at 7.150. That transition should be moved to 7.0, for example. Now the reduced sensitivity is never going to be a true operational problem, but is an annoyance. If they other guy isn't strong he isn't going to hear you anyhow with the X1M.

Power output was about 5 watts, current draw for that was somewhere around 1.5 amps. RX current seems higher than I expected, looks like a half amp.

The LSB carrier point is way, way out of whack. The carrier is well inside the filter passband, making everything sound bad. No high frequencies in recovered audio. Now it is settable in the setups, but looks like it will take some fiddling to find the right frequency for it. (again, $299...it's ok)

One of the pair had a very real problem. Spurs, very wide band crap from the PA. Key up, current draw up to 1.5 amps, no speech, 5W out. The spectrum analyzer used was on my IFR 1100 and it was as wide as its sweep would go. But other times it was clean(er) with spurs about 20 db down every mhz or so. Eh? That part could be better.

It also will go into transmit anywhere it receives. The reason I bought it was because I figured at some point these will either be banned or the manufacturer will need to inhibit transmit outside of ham bands.

Bottom line, pretty slick. When I'm back home in about 10 days I'll put it on some more critical test gear and get better measurements, especially of the wide noise, but last night didn't feel like firing up the real spectrum analyzer/service monitor. I can see the backpack/manpack folks getting excited over this one.

I can see these being the talk of Dayton.

I'd REALLY love to get hold of a schematic.

George Csahanin
W2DB
Allstar 2360

253. RE: [X1M_QRP-Transceiver] Just purchased two and did a quick run thru, found some minor issues

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 14:11:29 UTC
From: Fred VE3FAL
Topic: 252 Message: 253

Great job George and nice to see other comments from folks.

Yes for the price you can't go wrong.

I agree on the PBF, you step outside and man the band comes to life.

Keep us up to date on all of your findings.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of George C
Sent: May 15, 2013 10:05 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Just purchased two and did a quick run thru, found some minor issues

Just got two from Ed Griffin. Fast service, BTW. As another reported it appeared a problem with a radio or mic. Key radio, and it would continuously over current the p/s and reset, do again, etc. That particular radio also had very loose front and back panel screws. So took apart, re-assembled problem seemed to go away but returned a while later and then it didn't key at all. Looked at the plug. The flat part of the mic connector has to be right up against the mic jack or it does all of the above. But if you screw the plastic shell as far as it will go on the plug it will keep the mic connector out enough for funny stuff. So I echo what someone else said, just back the shell off a bit and it is fine.

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Bottom line, pretty slick. When I'm back home in about 10 days I'll put it on some more critical test gear and get better measurements, especially of the wide noise, but last night didn't feel like firing up the real spectrum analyzer/service monitor. I can see the backpack/manpack folks getting excited over this one.

I can see these being the talk of Dayton.

I'd REALLY love to get hold of a schematic.

George Csahanin
W2DB
Allstar 2360

254. Re: New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 14:20:50 UTC
From: kd5inm
Topic: 222 Message: 254

@Mark kv8t. Are you talking about the Ft-808 HF rig or the X1M ? This particular thread is talking about the FT-808
That is why we are saying we need to get a FT-808 here in the USA, there are already X1M's here in the USA and Hams already have them in their hands. The FT-808 has yet to come here.

73' John kd5inm

--- In X1M_QRP-Transceiver@yahoogroups.com, Mark Thompson <mhtent@...> wrote:
>
> I have had one for over 3 weeks now and love it. Working a lot of DX on 15
> and 20 meters with a ground mounted 5BTV. Got mine from
> www.importcommunications.com in N. Carolina for $299.
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> On May 14, 2013 6:02 PM, "Wally" <wowxxi2002@...> wrote:
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> > Date: Tuesday, May 14, 2013, 1:54 PM
> > >
> > Hey Fred,
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> > By "keypad", do you mean a numeric keypad, or, like, just buttons for
> > up/down/etc.?
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> > I'd sure like to see one of these. Might be worth writing to Grace what's
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> > Buddy Brannan, KB5ELV - Erie, PA
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> > >
> > On May 14, 2013, at 1:52 PM, "Fred VE3FAL"
<flesnick@...<http://us.mc1255.mail.yahoo.com/mc/compose?to=flesnick@...>>

> > wrote:
> >
> > >
> > >
> > http://www.cqdx.ru/ham/new-equipment/ftgmdc-feitong-chinese-ft-808-hf-transceiver/
> > >
> > >
> > >
> > >
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> > > $410 USD, yep keypad so programming is a snap.
> > >
> > >
> > >
> > >
> > >
> > > Fred
> > >
> > > VE3FAL
> > >
> > >
> > >
> > > From: X1M_QRP-Transceiver@yahoogroups.com<http://us.mc1255.mail.yahoo.com/mc/compose
?to=X1M_QRP-Transceiver@yahoogroups.com>[mailto:
> > X1M_QRP-Transceiver@yahoogroups.com<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_
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> > On Behalf Of Fred VE3FAL
> > > Sent: May 14, 2013 1:47 PM
> > > To: X1M_QRP-Transceiver@yahoogroups.com<http://us.mc1255.mail.yahoo.com/mc/compose?t
o=X1M_QRP-Transceiver@yahoogroups.com>
> > > Subject: RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig
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> > Buddy Brannan <buddy@> wrote:
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> > > > Doesn't say a lot about it, does it? Like, hardly nothin.
> > > > --
> > > > Buddy Brannan, KB5ELV - Erie, PA
> > > > Phone: (814) 860-3194 or 888-75-BUDDY
> > > > >
> > > > >
> > > > >
> > > > On May 14, 2013, at 1:46 AM, "kd5inm" <kd5inm@> wrote:
> > > > >
> > > > > >
> > > > > New HF rig, sells for $400
> > > > > >
> > > > > >
> > > > http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm
> > > > > >
> > > > > 73' John kd5inm
> > > > > >
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> > >
> > > Yahoo! Groups Links
> > >
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> >
>

255. X1M first Impressions continued.....

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 15:19:39 UTC
From: Fred VE3FAL
Topic: 252 Message: 255

It is a very exciting rig for sure.. I like to see all the comments about these radios as does Ed, does not matter good or bad, as that is the only way to perfect something.

Some of the notes I have seen are:

1) Power output

2) Cw sidetone

3) Speaker volume

4) Questions about transmit area(filters)

5) Digital operations

When I tested this unit before it started to ship I found power output to be very stable across the entire spectrum. A solid 4.5 watts.

Sidetone volume does need to be adjustable either with a hole in the case or from the menu

Speaker volume I found to be good, never noticed much in the way of raspy signals or lack of volume

This radio will transmit across the entire spectrum on cw or phone, there are no gaps, but remember the pass band filters are designed for the traditional ham bands..

Awaiting a cable for this radio as well to test on psk and see what it will do.It would be great to be able to use it and my NuePSK in the field, be very portable.

If you take the radio apart for whatever apparent reason, please make note:

DO NOT REMOVE THE SCREW ON THE BOTTOM COVER, YOU WILL HAVE A HECK OF A TIME GETTING THINGS BACK.

Regards

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of George C
Sent: May 15, 2013 10:05 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Just purchased two and did a quick run thru,

found some minor issues

Just got two from Ed Griffin. Fast service, BTW. As another reported it appeared a problem with a radio or mic. Key radio, and it would continuously over current the p/s and reset, do again, etc. That particular radio also had very loose front and back panel screws. So took apart, re-assembled problem seemed to go away but returned a while later and then it didn't key at all. Looked at the plug. The flat part of the mic connector has to be right up against the mic jack or it does all of the above. But if you screw the plastic shell as far as it will go on the plug it will keep the mic connector out enough for funny stuff. So I echo what someone else said, just back the shell off a bit and it is fine.

RX sensitivity on some bands was not great. This is the output filters not being the greatest (hey, $299, right?)and that's not the biggest point here, but the frequency they have in the code running the rig where filters change is the problem. 7.150? Really? Sensitivity much better at 7.14999 than at 7.150. That transition should be moved to 7.0, for example. Now the reduced sensitivity is never going to be a true operational problem, but is an annoyance. If they other guy isn't strong he isn't going to hear you anyhow with the X1M.

Power output was about 5 watts, current draw for that was somewhere around 1.5 amps. RX current seems higher than I expected, looks like a half amp.

The LSB carrier point is way, way out of whack. The carrier is well inside the filter passband, making everything sound bad. No high frequencies in recovered audio. Now it is settable in the setups, but looks like it will take some fiddling to find the right frequency for it. (again, $299...it's ok)

One of the pair had a very real problem. Spurs, very wide band crap from the PA. Key up, current draw up to 1.5 amps, no speech, 5W out. The spectrum analyzer used was on my IFR 1100 and it was as wide as its sweep would go. But other times it was clean(er) with spurs about 20 db down every mhz or so. Eh? That part could be better.

It also will go into transmit anywhere it receives. The reason I bought it was because I figured at some point these will either be banned or the manufacturer will need to inhibit transmit outside of ham bands.

Bottom line, pretty slick. When I'm back home in about 10 days I'll put it on some more critical test gear and get better measurements, especially of the wide noise, but last night didn't feel like firing up the real spectrum analyzer/service monitor. I can see the backpack/manpack folks getting excited over this one.

I can see these being the talk of Dayton.

I'd REALLY love to get hold of a schematic.

George Csahanin
W2DB

Allstar 2360

256. Re: [X1M_QRP-Transceiver] Re: New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 15:25:27 UTC
From: Mark Thompson
Topic: 222 Message: 256

X1M!
On May 15, 2013 10:20 AM, "kd5inm" <kd5inm@...> wrote:

> **
>
>
>
> @Mark kv8t. Are you talking about the Ft-808 HF rig or the X1M ? This
> particular thread is talking about the FT-808
> That is why we are saying we need to get a FT-808 here in the USA, there
> are already X1M's here in the USA and Hams already have them in their
> hands. The FT-808 has yet to come here.
>
> 73' John kd5inm
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, Mark Thompson <mhtent@...>
> wrote:
> >
> > I have had one for over 3 weeks now and love it. Working a lot of DX on
> 15
> > and 20 meters with a ground mounted 5BTV. Got mine from
> > www.importcommunications.com in N. Carolina for $299.
> > 73
> > Mark....KV8T
> > On May 14, 2013 6:02 PM, "Wally" <wowxxi2002@...> wrote:
> >
> > > **
> > >
> > >
> > > Agreed! This HF radio sounds very exciting. We need a ham in the states
> > > to get there hands on one and do a write up.
> > >
> > > --- On *Tue, 5/14/13, Buddy Brannan <buddy@...>* wrote:
> > >
> > >
> > > From: Buddy Brannan <buddy@...>
> > > Subject: Re: [X1M_QRP-Transceiver] Re: New Chinese HF rig
> > > To: X1M_QRP-Transceiver@yahoogroups.com
> > > Date: Tuesday, May 14, 2013, 1:54 PM
> > >
> > > Hey Fred,
> > >
> > > By "keypad", do you mean a numeric keypad, or, like, just buttons for
> > > up/down/etc.?
> > >

> > > I'd sure like to see one of these. Might be worth writing to Grace
> what's
> > > her name and asking about computer control and other things.
> > > --
> > > Buddy Brannan, KB5ELV - Erie, PA
> > > Phone: (814) 860-3194 or 888-75-BUDDY
> > >
> > >
> > >
> > > On May 14, 2013, at 1:52 PM, "Fred VE3FAL" <flesnick@...<
> http://us.mc1255.mail.yahoo.com/mc/compose?to=flesnick@...>>
> > > wrote:
> > >
> > > >
> > > >
> > >
> http://www.cqdx.ru/ham/new-equipment/ftgmdc-feitong-chinese-ft-808-hf-transceiver/
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > $410 USD, yep keypad so programming is a snap.
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > Fred
> > > >
> > > > VE3FAL
> > > >
> > > >
> > > >
> > > > From: X1M_QRP-Transceiver@yahoogroups.com<
> http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogroups.com
> >[mailto:
> > > X1M_QRP-Transceiver@yahoogroups.com<
> http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogroups.com
> >]
> > > On Behalf Of Fred VE3FAL
> > > > Sent: May 14, 2013 1:47 PM
> > > > To: X1M_QRP-Transceiver@yahoogroups.com<
> http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogroups.com
> >
> > > > Subject: RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig
> > > >
> > > >
> > > >
> > > >

> > > >
> > > > Which is odd because all the sites I looked at this morning quoted
> > > 400-450 USD$...
> > > >
> > > >
> > > >
> > > > Fred
> > > >
> > > > VE3FAL
> > > >
> > > >
> > > >
> > > > From: X1M_QRP-Transceiver@yahoogroups.com<
> http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogroups.com
> >[mailto:
> > > X1M_QRP-Transceiver@yahoogroups.com<
> http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogroups.com
> >]
> > > On Behalf Of Dale K
> > > > Sent: May 14, 2013 11:18 AM
> > > > To: X1M_QRP-Transceiver@yahoogroups.com<
> http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogroups.com
> >
> > > > Subject: [X1M_QRP-Transceiver] Re: New Chinese HF rig
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > I am in China now and I have checked into this radio, it's been out
> for
> > > a couple yrs. it's marine and cost is around $2000 USD. I was excited
> too
> > > when I found it but that excitement went away fast when I got the price
> > > >
> > > > --- In X1M_QRP-Transceiver@yahoogroups.com<
> http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogroups.com
> >,
> > > Buddy Brannan <buddy@> wrote:
> > > > >
> > > > > Doesn't say a lot about it, does it? Like, hardly nothin.
> > > > > --
> > > > > Buddy Brannan, KB5ELV - Erie, PA
> > > > > Phone: (814) 860-3194 or 888-75-BUDDY
> > > > >
> > > > >
> > > > >
> > > > > On May 14, 2013, at 1:46 AM, "kd5inm" <kd5inm@> wrote:
> > > > >
> > > > > >

> > > > > > New HF rig, sells for $400
> > > > > > >
> > > > > > >
> > > http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm
> > > > > > >
> > > > > > > 73' John kd5inm
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> > > Yahoo! Groups Links
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257. Re: [X1M_QRP-Transceiver] Poor First Impression

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 15:32:52 UTC
From: Mark Thompson
Topic: 244 Message: 257

Jim,
I am also getting about 1.5 watts on 10. Be carefull with the large screw on the bottom, it is holding in the PA transistor. Let me know what you come up with.
73,
Mark
On May 15, 2013 7:59 AM, "Jim Hurwitz" <jim.hurwitz@...> wrote:

> **
>
>
> I get about 3 watts on 80 meters, decreasing to about 1.5 watts on 10
> meters. I am going to open it up and look for anything obvious.
>
>
> On Wed, May 15, 2013 at 7:55 AM, Mark Thompson <mhtent@...> wrote:
>
>> **
>>
>>
>> Jim,
>> Sorry you are having some issues with your X1M. Mine is working great on
>> SSB. Just wonder what band you are getting 2-3 watts out on. I notice that
>> mine has reduced output on 15 and 10. Mine puts out 4-5 on 80, 40 and 20.
>> 73,
>> Mark....KV8T
>> On May 14, 2013 6:18 PM, "ewmicro" <jim.hurwitz@...> wrote:
>>
>>> **
>>>
>>>
>>> I received my X1M this afternoon. I briefly gave it a shot on CW. The
>>> first thing I noticed was that the key was reverse wired (i.e. for a
>>> lefty).
>>>
>>> Mine only puts out 2 to 3 watts CW into a dummy load. Is anyone getting
>>> 5 watts out?
>>>
>>> One of the buttons was sticky.
>>>
>>> As mentioned in a previous post, the sidetone is very raspy and loud
>>> enough to scare you. Also, as previously mentioned, the max audio is not
>>> very loud. My speaker rattles - sounds like it is hitting the case.
>>>
>>> My LDG Z11 Pro has trouble matching my antenna. I have no problem with

>>> the Z11 matching my Elecraft KX3 on the same frequency & antenna.
>>>
>>> I haven't investigated any of this. I only had about 5 minutes to play
>>> with it. I emailed Ed and asked whether opening the case would invalidate
>>> the warranty - whatever that is.
>>>
>>> This leaves me with a rather poor first impression.
>>>
>>> Jim
>>> W1FMG
>>>
>>>
>
>

258. Re: [X1M_QRP-Transceiver] X1M first Impressions continued.....

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 16:15:12 UTC
From: Auto_Prof1
Topic: 252 Message: 258

Thanks for the tip regarding the bottom cover screw, Fred !

K9MIT - Chip

From: Fred VE3FAL <flesnick@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, May 15, 2013 11:19 AM
Subject: [X1M_QRP-Transceiver] X1M first Impressions continued.....

It is a very exciting rig for sure.. I like to see all the comments about these radios as does Ed, does not matter good or bad, as that is the only way to perfect something.

Some of the notes I have seen are:
1) Power output
2) Cw sidetone
3) Speaker volume
4) Questions about transmit area(filters)
5) Digital operations

When I tested this unit before it started to ship I found power output to be very stable across the entire spectrum. A solid 4.5 watts.
Sidetone volume does need to be adjustable either with a hole in the case or from the menu
Speaker volume I found to be good, never noticed much in the way of raspy signals or lack of volume
This radio will transmit across the entire spectrum on cw or phone, there are no gaps, but remember the pass band filters are designed for the traditional ham bands..
Awaiting a cable for this radio as well to test on psk and see what it will do…It would be great to be able to use it and my NuePSK in the field, be very portable.

If you take the radio apart for whatever apparent reason, please make note:

DO NOT REMOVE THE SCREW ON THE BOTTOM COVER, YOU WILL HAVE A HECK OF A TIME GETTING THINGS BACK.

Regards
Fred
VE3FAL

From:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of George C
Sent: May 15, 2013 10:05 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Just purchased two and did a quick run thru, found some minor issues

Just got two from Ed Griffin. Fast service, BTW. As another reported it appeared a problem with a radio or mic. Key radio, and it would continuously over current the p/s and reset, do again, etc. That particular radio also had very loose front and back panel screws. So took apart, re-assembled problem seemed to go away but returned a while later and then it didn't key at all. Looked at the plug. The flat part of the mic connector has to be right up against the mic jack or it does all of the above. But if you screw the plastic shell as far as it will go on the plug it will keep the mic connector out enough for funny stuff. So I echo what someone else said, just back the shell off a bit and it is fine.

RX sensitivity on some bands was not great. This is the output filters not being the greatest (hey, $299, right?)and that's not the biggest point here, but the frequency they have in the code running the rig where filters change is the problem. 7.150? Really? Sensitivity much better at 7.14999 than at 7.150. That transition should be moved to 7.0, for example. Now the reduced sensitivity is never going to be a true operational problem, but is an annoyance. If they other guy isn't strong he isn't going to hear you anyhow with the X1M.

Power output was about 5 watts, current draw for that was somewhere around 1.5 amps. RX current seems higher than I expected, looks like a half amp.

The LSB carrier point is way, way out of whack. The carrier is well inside the filter passband, making everything sound bad. No high frequencies in recovered audio. Now it is settable in the setups, but looks like it will take some fiddling to find the right frequency for it. (again, $299...it's ok)

One of the pair had a very real problem. Spurs, very wide band crap from the PA. Key up, current draw up to 1.5 amps, no speech, 5W out. The spectrum analyzer used was on my IFR 1100 and it was as wide as its sweep would go. But other times it was clean(er) with spurs about 20 db down every mhz or so. Eh? That part could be better.

It also will go into transmit anywhere it receives. The reason I bought it was because I figured at some point these will either be banned or the manufacturer will need to inhibit transmit outside of ham bands.

Bottom line, pretty slick. When I'm back home in about 10 days I'll put it on some more critical test gear and get better measurements, especially of the wide noise, but last night didn't feel like firing up the real spectrum analyzer/service monitor. I can see the backpack/manpack folks getting excited over this one.

I can see these being the talk of Dayton.

I'd REALLY love to get hold of a schematic.

George Csahanin
W2DB
Allstar 2360

259. Re: New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 16:39:10 UTC
From: Dale K
Topic: 222 Message: 259

Yes all the pages say $400 - $500 but contact them and try to order one and you will find out the real price. I am in China doing buying now. I've seen this radio before and was excited at the price but soon became un excited when I got the real price. If the price was $400 range, I would have purchased many and they would be on my site now. Best not to believe what you read on the Chinese wholesale sites, most have wrong selling prices. I deal with this everyday here

Kightradio.com

--- In X1M_QRP-Transceiver@yahoogroups.com, Tim <tim@...> wrote:
>
> Noticed GPS coordinates... probably external antenna... haven't seen
> back panel.
>
> Tim W5FN
>
>
> >
> >
> > ah, should have read the page at the link you sent.
> > Looks interesting.
> > Sometimes these rigs are great to operate mobile or in the field
> > because they are fairly stripped down and don't have allot of the
> > bells and whistles modern ham rigs tend to have that distract from
> > operating sometimes.
> > It says HF VHF, so are they considering 10M to be VHF? the freq range
> > states up to 29.9999MHZ and no higher.
> > Looks like a 100W rig, perhaps more because the max current draw is 25
> > amps which would indicate around 120W of output.
> > And I don't think the marine VHF frequencies would be preprogrammed as
> > there are more than 100 of those lol.
> > 73
> > Colin
> >
> > ----- Original Message -----
> > *From:* Colin McDonald <mailto:blulemon@...>
> > *To:* X1M_QRP-Transceiver@yahoogroups.com
> > <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> > *Sent:* Tuesday, May 14, 2013 12:51 PM
> > *Subject:* Re: [X1M_QRP-Transceiver] Re: New Chinese HF rig
> >
> > and, if it's anything at all like most marine HF radios, it's
> > pretty simple to change it to tx continuous and get the HF ham
> > bands out of it.
> > 73

> > Colin
> >
> > ----- Original Message -----
> > *From:* Fred VE3FAL <mailto:flesnick@...>
> > *To:* X1M_QRP-Transceiver@yahoogroups.com
> > <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> > *Sent:* Tuesday, May 14, 2013 11:52 AM
> > *Subject:* RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig
> >
> > http://www.cqdx.ru/ham/new-equipment/ftgmdc-feitong-chinese-ft-808-hf-transceiver/
> >
> > $410 USD, yep keypad so programming is a snap.
> >
> > Fred
> >
> > VE3FAL
> >
> > *From:*X1M_QRP-Transceiver@yahoogroups.com
> > <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> > [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of
> > *Fred VE3FAL
> > *Sent:* May 14, 2013 1:47 PM
> > *To:* X1M_QRP-Transceiver@yahoogroups.com
> > <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> > *Subject:* RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig
> >
> > Which is odd because all the sites I looked at this morning
> > quoted 400-450 USD$...
> >
> > Fred
> >
> > VE3FAL
> >
> > *From:*X1M_QRP-Transceiver@yahoogroups.com
> > <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> > [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Dale K
> > *Sent:* May 14, 2013 11:18 AM
> > *To:* X1M_QRP-Transceiver@...m
> > <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> > *Subject:* [X1M_QRP-Transceiver] Re: New Chinese HF rig
> >
> > I am in China now and I have checked into this radio, it's
> > been out for a couple yrs. it's marine and cost is around
> > $2000 USD. I was excited too when I found it but that
> > excitement went away fast when I got the price
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com
> > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, Buddy Brannan
> > <buddy@ <mailto:buddy@>> wrote:
> > >

> > > Doesn't say a lot about it, does it? Like, hardly nothin.
> > > --
> > > Buddy Brannan, KB5ELV - Erie, PA
> > > Phone: (814) 860-3194 or 888-75-BUDDY
> > >
> > >
> > >
> > > On May 14, 2013, at 1:46 AM, "kd5inm" <kd5inm@
> > <mailto:kd5inm@>> wrote:
> > >
> > > >
> > > > New HF rig, sells for $400
> > > >
> > > >
> > http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm
> > > >
> > > > 73' John kd5inm
> > > >
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260. Just got the X1M...but we do have a problem.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 16:40:49 UTC
From: Paul
Topic: 260 Message: 260

I received my X1M the other day from ImportCommunications. Out of the box, I had a problem. The preamp circuit did not work. After testing the radio out over the course of a day and a half, the preamp started working. I could hear a relay click as the preamp was engaged/disengaged. Today, as I was using the radio, the preamp cut out while I was listening to a friend transmit. I am again unable to engage the preamp. Seems as though the button or relay is intermittent.

The RIT function also acts strangely at times. When tuning with the RIT, the frequency will jump wildly. As I am turning the VFO dial to adjust RIT, it will suddenly jump several hundred hertz.

The receive audio output is very low. The preamp (if working) would have to be engaged all the time so I can hear the stations. Without the preamp, I have to have the volume turned fully up, and even that is not enough.

I tried the radio with an amplifier, and it did not provide very much drive. I could only get about 30-50 watts PEP out of an amplifier, using the stock microphone. I wired up an old CB radio powered hand mic, and that yielded better results, seeing 50-70 watts PEP. In both cases however, I had to be right up on the mic in order to get sufficient drive. The TX audio circuit is low, and really needs to be brought up, if you want to be heard well.

Reports from receiving stations indicate good clean audio. A friend sent me cell phone video of my signal, and it did sound good. Both the stock mic and the powered mic yielded good audio, but the lack of audio is an issue.

I had contacted Ed at ImportCommunications as soon as I realized there was a problem with the preamp, and he will resolve the issue when he gets more in stock. In the meantime, I will continue to do testing. I would like to hear if anyone else is having these problems.

261. RE: [X1M_QRP-Transceiver] Just got the X1M...but we do have a problem.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 17:10:28 UTC
From: Fred VE3FAL
Topic: 260 Message: 261

Back in August 2012 when I first tested this radio I has problems with the buttons as well and that was one area that was being looked into to make better.

In fact in one of the youtube videos out there when showing the X1M the person in the video also had problems with the button.

You are right, with the preamp off the radio can tend to be very quiet, but I know locally at night on 80 meters I hear the locals just fine with the preamp off.

I also noted the same issue with the RIT, however that same issue is not present in regular tuning of the radio.

I was on 14.300 the Maritime Mobile net and was told my audio was not over driven at all but was sounding like I was talking into a tin can.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Paul
Sent: May 15, 2013 12:41 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Just got the X1M...but we do have a problem.

I received my X1M the other day from ImportCommunications. Out of the box, I had a problem. The preamp circuit did not work. After testing the radio out over the course of a day and a half, the preamp started working. I could hear a relay click as the preamp was engaged/disengaged. Today, as I was using the radio, the preamp cut out while I was listening to a friend transmit. I am again unable to engage the preamp. Seems as though the button or relay is intermittent.

The RIT function also acts strangely at times. When tuning with the RIT, the frequency will jump wildly. As I am turning the VFO dial to adjust RIT, it will suddenly jump several hundred hertz.

The receive audio output is very low. The preamp (if working) would have to be engaged all the time so I can hear the stations. Without the preamp, I have to have the volume turned fully up, and even that is not enough.

I tried the radio with an amplifier, and it did not provide very much drive. I could only get about 30-50 watts PEP out of an amplifier, using the stock microphone. I wired up an old CB radio powered hand mic, and that yielded better results, seeing 50-70 watts PEP. In both cases however, I had to be right up on the mic in order to get sufficient drive. The TX audio circuit

is low, and really needs to be brought up, if you want to be heard well.

Reports from receiving stations indicate good clean audio. A friend sent me cell phone video of my signal, and it did sound good. Both the stock mic and the powered mic yielded good audio, but the lack of audio is an issue.

I had contacted Ed at ImportCommunications as soon as I realized there was a problem with the preamp, and he will resolve the issue when he gets more in stock. In the meantime, I will continue to do testing. I would like to hear if anyone else is having these problems.

262. Re: Poor First Impression

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 17:11:51 UTC
From: ballardian36
Topic: 244 Message: 262

Hi Jim & all,

My arrived with a rattling speaker as well. It would sort of clunk when turned over one direction. At the directions of Ed I took it apart and found the speaker was no longer glued to the board and a solder joint was broken to the casing of the speaker. However, the speaker does work (as there are two connections below the board).

Also if you are going to take it apart the way I succeeded in doing it was removing the 4 screws on the back plate, the top 2 screws on the front plate. Then I gently pulled the back plate away from the body -- be careful the coax going to the BNC connect is VERY stiff and seems like it would be easy to pull off the BNC connector or the board end. Move the back plate away and down and the entire top SLIDES ouf the back. The bottom and top plate slide onto/into each other and the front and the back plate hold them in. As Fred has warned -- Don't take out the bottom silver screw!

My tuning know was also slightly bent -- although this doesn't appear to affect the function just mildly annoying. Still putting the rest of it through its paces.

-Chris
KC8MUS

--- In X1M_QRP-Transceiver@yahoogroups.com, "ewmicro" <jim.hurwitz@...> wrote:
>
> I received my X1M this afternoon. I briefly gave it a shot on CW. The first thing I noticed was that the key was reverse wired (i.e. for a lefty).
>
> Mine only puts out 2 to 3 watts CW into a dummy load. Is anyone getting 5 watts out?
>
> One of the buttons was sticky.
>
> As mentioned in a previous post, the sidetone is very raspy and loud enough to scare you. Also, as previously mentioned, the max audio is not very loud. My speaker rattles - sounds like it is hitting the case.
>
> My LDG Z11 Pro has trouble matching my antenna. I have no problem with the Z11 matching my Elecraft KX3 on the same frequency & antenna.
>
> I haven't investigated any of this. I only had about 5 minutes to play with it. I emailed Ed and asked whether opening the case would invalidate the warranty - whatever that is.
>
> This leaves me with a rather poor first impression.
>
> Jim
> W1FMG
>

263. RE: [X1M_QRP-Transceiver] Re: Poor First Impression

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 17:21:55 UTC
From: John
Topic: 244 Message: 263

Well I was going to order one a couple of weeks ago. Glad I didn't. These folks in China better but in some overtime and get it right. It is sounding like the early HB-1A days all over again. So I guess I'll wait till all of the complaints are fixed.

John K2JHU...

_____

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ballardian36
Sent: Wednesday, May 15, 2013 1:12 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Poor First Impression

Hi Jim & all,

My arrived with a rattling speaker as well. It would sort of clunk when turned over one direction. At the directions of Ed I took it apart and found the speaker was no longer glued to the board and a solder joint was broken to the casing of the speaker. However, the speaker does work (as there are two connections below the board).

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My tuning know was also slightly bent -- although this doesn't appear to affect the function just mildly annoying. Still putting the rest of it through its paces.

-Chris
KC8MUS

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "ewmicro" <jim.hurwitz@...>
wrote:
>
> I received my X1M this afternoon. I briefly gave it a shot on CW. The first thing I noticed was that the key was reverse wired (i.e. for a lefty).

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> This leaves me with a rather poor first impression.
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> Jim
> W1FMG
>

264. RE: [X1M_QRP-Transceiver] Re: Poor First Impression

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 17:25:35 UTC
From: Mark Thompson
Topic: 244 Message: 264

Unbeleivable about all the complaints. I've had mine over 3 weeks now and aside from a little lower output on 10 meters mine works great. Working many DX stations in europe with good reports.
73
KV8T
On May 15, 2013 1:21 PM, "John" <johndorson@...> wrote:

> **
>
>
> **
> Well I was going to order one a couple of weeks ago. Glad I didn't. These
> folks in China better but in some overtime and get it right. It is sounding
> like the early HB-1A days all over again. So I guess I'll wait till all of
> the complaints are fixed.
>
> John K2JHU...
>
> ------------------------------
> *From:* X1M_QRP-Transceiver@yahoogroups.com [mailto:
> X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *ballardian36
> *Sent:* Wednesday, May 15, 2013 1:12 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] Re: Poor First Impression
>
>
>
> Hi Jim & all,
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> My arrived with a rattling speaker as well. It would sort of clunk when
> turned over one direction. At the directions of Ed I took it apart and
> found the speaker was no longer glued to the board and a solder joint was
> broken to the casing of the speaker. However, the speaker does work (as
> there are two connections below the board).
>
> Also if you are going to take it apart the way I succeeded in doing it was
> removing the 4 screws on the back plate, the top 2 screws on the front
> plate. Then I gently pulled the back plate away from the body -- be careful
> the coax going to the BNC connect is VERY stiff and seems like it would be
> easy to pull off the BNC connector or the board end. Move the back plate
> away and down and the entire top SLIDES ouf the back. The bottom and top
> plate slide onto/into each other and the front and the back plate hold them
> in. As Fred has warned -- Don't take out the bottom silver screw!
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> My tuning know was also slightly bent -- although this doesn't appear to

> affect the function just mildly annoying. Still putting the rest of it
> through its paces.
>
> -Chris
> KC8MUS
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "ewmicro" <jim.hurwitz@...>
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> lefty).
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> 5 watts out?
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> > One of the buttons was sticky.
> >
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> > My LDG Z11 Pro has trouble matching my antenna. I have no problem with
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> the warranty - whatever that is.
> >
> > This leaves me with a rather poor first impression.
> >
> > Jim
> > W1FMG
> >
>
>
>

265. Re: [X1M_QRP-Transceiver] Poor First Impression

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 17:52:56 UTC
From: Jim Hurwitz
Topic: 244 Message: 265

Thanks Fred. I tried the rig again this morning. It looks like it is intermittent. Here's what I got into a dummy load at the low end of each band when it was working ok. I don't know why the powere went back up on 10 meters, but these results are acceptable to me.

80 5w
40 4w
30 5w
20 3.5w
15 3w
10 4.8w

This was with a 60w dummy load I bought on ebay and a Diamond SX-200 SWR/Power meter on the 5 watt scale.

I had intermittent endless tuning loops on my LDG Z-11 Pro tuner when connected to my Zepp end fed antenna. Something funny is going on impedance wise. I haven't opened it up yet. I want to baseline it first.

I tried SSB. At first, I had no PTT. The mic plug was intermittent at the radio.

Since I haven't been able to load up my antenna, I cojuld not try to make QSOs yet..

On Wed, May 15, 2013 at 9:30 AM, Fred VE3FAL <flesnick@...> wrote:

> **
>
>
> I have full power on mine across the band, 4.5 watts is the baseline power
> out with the odd area peaking 5 watts..This is into a dummy load.****
>
> ** **
>
> Fred****
>
> VE3FAL****
>
> ** **
>
> *From:* X1M_QRP-Transceiver@yahoogroups.com [mailto:
> X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Jim Hurwitz
> *Sent:* May 15, 2013 7:59 AM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* Re: [X1M_QRP-Transceiver] Poor First Impression****
>

> ** **
>
> ****
>
> I get about 3 watts on 80 meters, decreasing to about 1.5 watts on 10
> meters. I am going to open it up and look for anything obvious. ****
>
> ** **
>
> On Wed, May 15, 2013 at 7:55 AM, Mark Thompson <mhtent@...> wrote:**
> **
>
> ****
>
> Jim,
> Sorry you are having some issues with your X1M. Mine is working great on
> SSB. Just wonder what band you are getting 2-3 watts out on. I notice that
> mine has reduced output on 15 and 10. Mine puts out 4-5 on 80, 40 and 20.
> 73,
> Mark....KV8T****
>
> On May 14, 2013 6:18 PM, "ewmicro" <jim.hurwitz@gmail.com> wrote:****
>
> ****
>
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> first thing I noticed was that the key was reverse wired (i.e. for a
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> I haven't investigated any of this. I only had about 5 minutes to play
> with it. I emailed Ed and asked whether opening the case would invalidate
> the warranty - whatever that is.
>
> This leaves me with a rather poor first impression.
>
> Jim
> W1FMG****
>

> ** **
>
> ****
>
>
>

266. RE: [X1M_QRP-Transceiver] Poor First Impression

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 18:24:13 UTC
From: Fred VE3FAL
Topic: 244 Message: 266

Ok Jim, well lets hope we get this sorted out.. There will be some bad radios in each lot, I can almost guarantee that. I have seen it before.

These are well built in my eyes, and it might be small things like buttons and glue..

Other problems will stem from shipping, quality control and poor soldering in the factory.

But you have to look at the horsepower under that little hood.

There is a whole lot of gear in that package, so to have a few go bad is normal.

Now I know Ed will do his best to keep you guys running and happy, that is why he is there.

I know things will work out, like I said before and if you never read my first review from Augsut 2012, please do so, there have been many many good changes.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Jim Hurwitz
Sent: May 15, 2013 1:53 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Poor First Impression

Thanks Fred. I tried the rig again this morning. It looks like it is intermittent. Here's what I got into a dummy load at the low end of each band when it was working ok. I don't know why the powere went back up on 10 meters, but these results are acceptable to me.

80 5w

40 4w

30 5w

20 3.5w

15 3w

10 4.8w

This was with a 60w dummy load I bought on ebay and a Diamond SX-200 SWR/Power meter on the 5 watt scale.

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I tried SSB. At first, I had no PTT. The mic plug was intermittent at the radio.

Since I haven't been able to load up my antenna, I cojuld not try to make QSOs yet..

On Wed, May 15, 2013 at 9:30 AM, Fred VE3FAL <flesnick@...> wrote:

I have full power on mine across the band, 4.5 watts is the baseline power out with the odd area peaking 5 watts..This is into a dummy load.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Jim Hurwitz
Sent: May 15, 2013 7:59 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Poor First Impression

I get about 3 watts on 80 meters, decreasing to about 1.5 watts on 10 meters. I am going to open it up and look for anything obvious.

On Wed, May 15, 2013 at 7:55 AM, Mark Thompson <mhtent@...> wrote:

Jim,
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73,
Mark....KV8T

On May 14, 2013 6:18 PM, "ewmicro" <jim.hurwitz@...> wrote:

I received my X1M this afternoon. I briefly gave it a shot on CW. The first thing I noticed was that the key was reverse wired (i.e. for a lefty).

Mine only puts out 2 to 3 watts CW into a dummy load. Is anyone getting 5 watts out?

One of the buttons was sticky.

As mentioned in a previous post, the sidetone is very raspy and loud enough to scare you. Also, as previously mentioned, the max audio is not very loud. My speaker rattles - sounds like it is hitting the case.

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I haven't investigated any of this. I only had about 5 minutes to play with it. I emailed Ed and asked whether opening the case would invalidate the warranty - whatever that is.

This leaves me with a rather poor first impression.

Jim
W1FMG

267. FW: [X1M_QRP-Transceiver] Re: New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 13:59:25 UTC
From: Fred VE3FAL
Topic: 267 Message: 267

It is a very exciting rig for sure.. I like to see all the comments about these radios as does Ed, does not matter good or bad, as that is the only way to perfect something.

Some of the notes I have seen are:

1) Power output

2) Cw sidetone

3) Speaker volume

4) Questions about transmit area(filters)

5) Digital operations

When I tested this unit before it started to ship I found power output to be very stable across the entire spectrum. A solid 4.5 watts.

Sidetone volume does need to be adjustable either with a hole in the case or from the menu

Speaker volume I found to be good, never noticed much in the way of raspy signals or lack of volume

This radio will transmit across the entire spectrum on cw or phone, there are no gaps, but remember the pass band filters are designed for the traditional ham bands..

Awaiting a cable for this radio as well to test on psk and see what it will do.It would be great to be able to use it and my NuePSK in the field, be very portable.

If you take the radio apart for whatever apparent reason, please make note:

DO NOT REMOVE THE SCREW ON THE BOTTOM COVER, YOU WILL HAVE A HECK OF A TIME GETTING THINGS BACK.

Regards

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Wally
Sent: May 14, 2013 6:02 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: New Chinese HF rig

Agreed! This HF radio sounds very exciting. We need a ham in the states to get there hands on one and do a write up.

--- On Tue, 5/14/13, Buddy Brannan <buddy@...> wrote:

From: Buddy Brannan <buddy@...>
Subject: Re: [X1M_QRP-Transceiver] Re: New Chinese HF rig
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Tuesday, May 14, 2013, 1:54 PM

Hey Fred,

By "keypad", do you mean a numeric keypad, or, like, just buttons for up/down/etc.?

I'd sure like to see one of these. Might be worth writing to Grace what's her name and asking about computer control and other things.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On May 14, 2013, at 1:52 PM, "Fred VE3FAL" <flesnick@...
<http://us.mc1255.mail.yahoo.com/mc/compose?to=flesnick@...> >
wrote:

>
>
http://www.cqdx.ru/ham/new-equipment/ftgmdc-feitong-chinese-ft-808-hf-transc
eiver/
>
>
>
>
>
> $410 USD, yep keypad so programming is a snap.
>
>
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogrou
ps.com> [mailto:X1M_QRP-Transceiver@yahoogroups.com
<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogrou
ps.com>] On Behalf Of Fred VE3FAL
> Sent: May 14, 2013 1:47 PM
> To: X1M_QRP-Transceiver@yahoogroups.com

<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogrou
ps.com>
> Subject: RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig
>
>
>
>
>
> Which is odd because all the sites I looked at this morning quoted 400-450
USD$...
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogrou
ps.com> [mailto:X1M_QRP-Transceiver@yahoogroups.com
<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogrou
ps.com>] On Behalf Of Dale K
> Sent: May 14, 2013 11:18 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogrou
ps.com>
> Subject: [X1M_QRP-Transceiver] Re: New Chinese HF rig
>
>
>
>
>
> I am in China now and I have checked into this radio, it's been out for a
couple yrs. it's marine and cost is around $2000 USD. I was excited too when
I found it but that excitement went away fast when I got the price
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogrou
ps.com> , Buddy Brannan <buddy@...> wrote:
> >
> > Doesn't say a lot about it, does it? Like, hardly nothin.
> > --
> > Buddy Brannan, KB5ELV - Erie, PA
> > Phone: (814) 860-3194 or 888-75-BUDDY
> >
> >
> >
> > On May 14, 2013, at 1:46 AM, "kd5inm" <kd5inm@...> wrote:

> >
> > >
> > > New HF rig, sells for $400
> > >
> > > http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm
> > >
> > > 73' John kd5inm
> > >
> > >
> >
>
>
>
>

Yahoo! Groups Links

hoogroups.com>
X1M_QRP-Transceiver-fullfeatured@yahoogroups.com
<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver-fullfeatu
red@yahoogroups.com>

be@yahoogroups.com>

268. RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 13:42:44 UTC
From: Fred VE3FAL
Topic: 222 Message: 268

It is a very exciting rig for sure.. I like to see all the comments about these radios as does Ed, does not matter good or bad, as that is the only way to perfect something.

Some of the notes I have seen are:

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2) Cw sidetone

3) Speaker volume

4) Questions about transmit area(filters)

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Sent: May 14, 2013 6:02 PM
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>
>
>
> $410 USD, yep keypad so programming is a snap.
>
>
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogrou
ps.com> [mailto:X1M_QRP-Transceiver@yahoogroups.com
<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogrou
ps.com>] On Behalf Of Fred VE3FAL
> Sent: May 14, 2013 1:47 PM
> To: X1M_QRP-Transceiver@yahoogroups.com

<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogrou
ps.com>
> Subject: RE: [X1M_QRP-Transceiver] Re: New Chinese HF rig
>
>
>
>
>
> Which is odd because all the sites I looked at this morning quoted 400-450
USD$...
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogrou
ps.com> [mailto:X1M_QRP-Transceiver@yahoogroups.com
<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogrou
ps.com>] On Behalf Of Dale K
> Sent: May 14, 2013 11:18 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogrou
ps.com>
> Subject: [X1M_QRP-Transceiver] Re: New Chinese HF rig
>
>
>
>
>
> I am in China now and I have checked into this radio, it's been out for a
couple yrs. it's marine and cost is around $2000 USD. I was excited too when
I found it but that excitement went away fast when I got the price
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver@yahoogrou
ps.com> , Buddy Brannan <buddy@...> wrote:
> >
> > Doesn't say a lot about it, does it? Like, hardly nothin.
> > --
> > Buddy Brannan, KB5ELV - Erie, PA
> > Phone: (814) 860-3194 or 888-75-BUDDY
> >
> >
> >
> > On May 14, 2013, at 1:46 AM, "kd5inm" <kd5inm@...> wrote:

> >
> > >
> > > New HF rig, sells for $400
> > >
> > > http://ssgrace.globalimporter.net/pod2/4353/703108/hf-transceiver.htm
> > >
> > > 73' John kd5inm
> > >
> > >
> >
>
>
>
>

Yahoo! Groups Links

hoogroups.com>
X1M_QRP-Transceiver-fullfeatured@yahoogroups.com
<http://us.mc1255.mail.yahoo.com/mc/compose?to=X1M_QRP-Transceiver-fullfeatu
red@yahoogroups.com>

be@yahoogroups.com>

269. Opper tune attee

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 20:59:15 UTC
From: George Allen
Topic: 269 Message: 269

I see a good sideline for someone who has the talent and time to tweak these little gems to specs, for, let's say, $50.

Kd0nme

270. Re: [X1M_QRP-Transceiver] Poor First Impression

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 22:09:54 UTC
From: Jim Hurwitz
Topic: 244 Message: 270

Fred, I knew I could be for trouble with a Chinese rig. I am not worried. I was initially upset after playing with the rig in the first five minutes. I know it will all work out in the end. I also have a bunch of Chinese HTs. I was spoiled by Yimin with my HB1A, HB1B and antenna analyzer.

On Wed, May 15, 2013 at 2:24 PM, Fred VE3FAL <flesnick@...> wrote:

> **
>
>
> Ok Jim, well lets hope we get this sorted out.. There will be some bad
> radios in each lot, I can almost guarantee that. I have seen it before.***
> *
>
> These are well built in my eyes, and it might be small things like buttons
> and glue..****
>
> Other problems will stem from shipping, quality control and poor soldering
> in the factory.****
>
> But you have to look at the horsepower under that little hood.****
>
> ** **
>
> There is a whole lot of gear in that package, so to have a few go bad is
> normal.****
>
> Now I know Ed will do his best to keep you guys running and happy, that is
> why he is there.****
>
> ** **
>
> I know things will work out, like I said before and if you never read my
> first review from Augsut 2012, please do so, there have been many many good
> changes.****
>
> ** **
>
> Fred****
>
> VE3FAL****
>
> ** **
>
> ** **

>
> ** **
>
> *From:* X1M_QRP-Transceiver@yahoogroups.com [mailto:
> X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Jim Hurwitz
> *Sent:* May 15, 2013 1:53 PM
>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* Re: [X1M_QRP-Transceiver] Poor First Impression****
>
> ** **
>
> ****
>
> Thanks Fred. I tried the rig again this morning. It looks like it is
> intermittent. Here's what I got into a dummy load at the low end of each
> band when it was working ok. I don't know why the powere went back up on 10
> meters, but these results are acceptable to me.****
>
> ** **
>
> 80 5w****
>
> 40 4w****
>
> 30 5w****
>
> 20 3.5w****
>
> 15 3w****
>
> 10 4.8w****
>
> ** **
>
> This was with a 60w dummy load I bought on ebay and a Diamond SX-200
> SWR/Power meter on the 5 watt scale.****
>
> ** **
>
> I had intermittent endless tuning loops on my LDG Z-11 Pro tuner when
> connected to my Zepp end fed antenna. Something funny is going on impedance
> wise. I haven't opened it up yet. I want to baseline it first.****
>
> ** **
>
> I tried SSB. At first, I had no PTT. The mic plug was intermittent at the
> radio.****
>
> ** **

>
> Since I haven't been able to load up my antenna, I cojuld not try to make
> QSOs yet..****
>
> ** **
>
> On Wed, May 15, 2013 at 9:30 AM, Fred VE3FAL <flesnick@...> wrote:
> ****
>
> ****
>
> I have full power on mine across the band, 4.5 watts is the baseline power
> out with the odd area peaking 5 watts..This is into a dummy load.****
>
> ****
>
> Fred****
>
> VE3FAL****
>
> ****
>
> *From:* X1M_QRP-Transceiver@yahoogroups.com [mailto:
> X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Jim Hurwitz
> *Sent:* May 15, 2013 7:59 AM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* Re: [X1M_QRP-Transceiver] Poor First Impression****
>
> ****
>
> ****
>
> I get about 3 watts on 80 meters, decreasing to about 1.5 watts on 10
> meters. I am going to open it up and look for anything obvious. ****
>
> ****
>
> On Wed, May 15, 2013 at 7:55 AM, Mark Thompson <mhtent@...> wrote:**
> **
>
> ****
>
> Jim,
> Sorry you are having some issues with your X1M. Mine is working great on
> SSB. Just wonder what band you are getting 2-3 watts out on. I notice that
> mine has reduced output on 15 and 10. Mine puts out 4-5 on 80, 40 and 20.
> 73,
> Mark....KV8T****
>
> On May 14, 2013 6:18 PM, "ewmicro" <jim.hurwitz@...> wrote:****

>
> ****
>
> I received my X1M this afternoon. I briefly gave it a shot on CW. The
> first thing I noticed was that the key was reverse wired (i.e. for a
> lefty).
>
> Mine only puts out 2 to 3 watts CW into a dummy load. Is anyone getting 5
> watts out?
>
> One of the buttons was sticky.
>
> As mentioned in a previous post, the sidetone is very raspy and loud
> enough to scare you. Also, as previously mentioned, the max audio is not
> very loud. My speaker rattles - sounds like it is hitting the case.
>
> My LDG Z11 Pro has trouble matching my antenna. I have no problem with the
> Z11 matching my Elecraft KX3 on the same frequency & antenna.
>
> I haven't investigated any of this. I only had about 5 minutes to play
> with it. I emailed Ed and asked whether opening the case would invalidate
> the warranty - whatever that is.
>
> This leaves me with a rather poor first impression.
>
> Jim
> W1FMG****
>
> ****
>
> ** **
>
> ****
>
>
>

271. RE: [X1M_QRP-Transceiver] Poor First Impression

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 22:14:18 UTC
From: Fred VE3FAL
Topic: 244 Message: 271

No problem Jim, don't worry Yimin and I have had our share of issues as well with that line..

You should see some of the stuff we have had shipped back that was destroyed because of inadequate packaging.

YouKits had the same problem at first to with the HB1A and no good packaging, bent knobs etc, but in the end it all works out after some trial and error.

The TJ2B is selling well and getting both good and bad comments from some builders, but it has come a long way since the TJ2A, man that was a tough build.

Again the biggest complaint usually is shipping costs and returns or parts exchange.

Take care Jim and will yak later.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Jim Hurwitz
Sent: May 15, 2013 6:10 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Poor First Impression

Fred, I knew I could be for trouble with a Chinese rig. I am not worried. I was initially upset after playing with the rig in the first five minutes. I know it will all work out in the end. I also have a bunch of Chinese HTs. I was spoiled by Yimin with my HB1A, HB1B and antenna analyzer.

On Wed, May 15, 2013 at 2:24 PM, Fred VE3FAL <flesnick@...> wrote:

Ok Jim, well lets hope we get this sorted out.. There will be some bad radios in each lot, I can almost guarantee that. I have seen it before.

These are well built in my eyes, and it might be small things like buttons and glue..

Other problems will stem from shipping, quality control and poor soldering in the factory.

But you have to look at the horsepower under that little hood.

There is a whole lot of gear in that package, so to have a few go bad is normal.

Now I know Ed will do his best to keep you guys running and happy, that is why he is there.

I know things will work out, like I said before and if you never read my first review from Augsut 2012, please do so, there have been many many good changes.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Jim Hurwitz
Sent: May 15, 2013 1:53 PM

To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Poor First Impression

Thanks Fred. I tried the rig again this morning. It looks like it is intermittent. Here's what I got into a dummy load at the low end of each band when it was working ok. I don't know why the powere went back up on 10 meters, but these results are acceptable to me.

80 5w

40 4w

30 5w

20 3.5w

15 3w

10 4.8w

This was with a 60w dummy load I bought on ebay and a Diamond SX-200 SWR/Power meter on the 5 watt scale.

I had intermittent endless tuning loops on my LDG Z-11 Pro tuner when connected to my Zepp end fed antenna. Something funny is going on impedance wise. I haven't opened it up yet. I want to baseline it first.

I tried SSB. At first, I had no PTT. The mic plug was intermittent at the radio.

Since I haven't been able to load up my antenna, I cojuld not try to make QSOs yet..

On Wed, May 15, 2013 at 9:30 AM, Fred VE3FAL <flesnick@...> wrote:

I have full power on mine across the band, 4.5 watts is the baseline power out with the odd area peaking 5 watts..This is into a dummy load.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Jim Hurwitz
Sent: May 15, 2013 7:59 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Poor First Impression

I get about 3 watts on 80 meters, decreasing to about 1.5 watts on 10 meters. I am going to open it up and look for anything obvious.

On Wed, May 15, 2013 at 7:55 AM, Mark Thompson <mhtent@...> wrote:

Jim,
Sorry you are having some issues with your X1M. Mine is working great on SSB. Just wonder what band you are getting 2-3 watts out on. I notice that mine has reduced output on 15 and 10. Mine puts out 4-5 on 80, 40 and 20.
73,
Mark....KV8T

On May 14, 2013 6:18 PM, "ewmicro" <jim.hurwitz@...> wrote:

I received my X1M this afternoon. I briefly gave it a shot on CW. The first thing I noticed was that the key was reverse wired (i.e. for a lefty).

Mine only puts out 2 to 3 watts CW into a dummy load. Is anyone getting 5 watts out?

One of the buttons was sticky.

As mentioned in a previous post, the sidetone is very raspy and loud enough to scare you. Also, as previously mentioned, the max audio is not very loud. My speaker rattles - sounds like it is hitting the case.

My LDG Z11 Pro has trouble matching my antenna. I have no problem with the Z11 matching my Elecraft KX3 on the same frequency & antenna.

I haven't investigated any of this. I only had about 5 minutes to play with it. I emailed Ed and asked whether opening the case would invalidate the warranty - whatever that is.

This leaves me with a rather poor first impression.

Jim
W1FMG

272. Re: [X1M_QRP-Transceiver] Poor First Impression

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-15 23:19:26 UTC
From: Jim Hurwitz
Topic: 244 Message: 272

You guys are doing a great job with Youkits. Keep it up.

On Wed, May 15, 2013 at 6:14 PM, Fred VE3FAL <flesnick@...> wrote:

> **
>
>
> No problem Jim, don’t worry Yimin and I have had our share of issues as
> well with that line….****
>
> You should see some of the stuff we have had shipped back that was
> destroyed because of inadequate packaging.****
>
> ** **
>
> YouKits had the same problem at first to with the HB1A and no good
> packaging, bent knobs etc, but in the end it all works out after some trial
> and error.****
>
> ** **
>
> The TJ2B is selling well and getting both good and bad comments from some
> builders, but it has come a long way since the TJ2A, man that was a tough
> build.****
>
> ** **
>
> Again the biggest complaint usually is shipping costs and returns or parts
> exchange.****
>
> ** **
>
> Take care Jim and will yak later.****
>
> ** **
>
> Fred****
>
> VE3FAL****
>
> ** **
>
> *From:* X1M_QRP-Transceiver@yahoogroups.com [mailto:
> X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Jim Hurwitz
> *Sent:* May 15, 2013 6:10 PM

>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* Re: [X1M_QRP-Transceiver] Poor First Impression****
>
> ** **
>
> ****
>
> Fred, I knew I could be for trouble with a Chinese rig. I am not worried.
> I was initially upset after playing with the rig in the first five minutes.
> I know it will all work out in the end. I also have a bunch of Chinese HTs.
> I was spoiled by Yimin with my HB1A, HB1B and antenna analyzer. ****
>
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> On Wed, May 15, 2013 at 2:24 PM, Fred VE3FAL <flesnick@...> wrote:
> ****
>
> ****
>
> Ok Jim, well lets hope we get this sorted out.. There will be some bad
> radios in each lot, I can almost guarantee that. I have seen it before.***
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> These are well built in my eyes, and it might be small things like buttons
> and glue..****
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> Other problems will stem from shipping, quality control and poor soldering
> in the factory.****
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> But you have to look at the horsepower under that little hood.****
>
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>
> There is a whole lot of gear in that package, so to have a few go bad is
> normal.****
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> Now I know Ed will do his best to keep you guys running and happy, that is
> why he is there.****
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> I know things will work out, like I said before and if you never read my
> first review from Augsut 2012, please do so, there have been many many good
> changes.****
>
> ****
>
> Fred****
>

> VE3FAL****
>
> ****
>
> ****
>
> ****
>
> *From:* X1M_QRP-Transceiver@yahoogroups.com [mailto:
> X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Jim Hurwitz
> *Sent:* May 15, 2013 1:53 PM****
>
>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* Re: [X1M_QRP-Transceiver] Poor First Impression****
>
> ****
>
> ****
>
> Thanks Fred. I tried the rig again this morning. It looks like it is
> intermittent. Here's what I got into a dummy load at the low end of each
> band when it was working ok. I don't know why the powere went back up on 10
> meters, but these results are acceptable to me.****
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> ****
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> 80 5w****
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> 40 4w****
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> 30 5w****
>
> 20 3.5w****
>
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> ****
>
> This was with a 60w dummy load I bought on ebay and a Diamond SX-200
> SWR/Power meter on the 5 watt scale.****
>
> ****
>
> I had intermittent endless tuning loops on my LDG Z-11 Pro tuner when
> connected to my Zepp end fed antenna. Something funny is going on impedance
> wise. I haven't opened it up yet. I want to baseline it first.****
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>
> I tried SSB. At first, I had no PTT. The mic plug was intermittent at the
> radio.****
>
> ****
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> Since I haven't been able to load up my antenna, I cojuld not try to make
> QSOs yet..****
>
> ****
>
> On Wed, May 15, 2013 at 9:30 AM, Fred VE3FAL <flesnick@...> wrote:
> ****
>
> ****
>
> I have full power on mine across the band, 4.5 watts is the baseline power
> out with the odd area peaking 5 watts..This is into a dummy load.****
>
> ****
>
> Fred****
>
> VE3FAL****
>
> ****
>
> *From:* X1M_QRP-Transceiver@yahoogroups.com [mailto:
> X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Jim Hurwitz
> *Sent:* May 15, 2013 7:59 AM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* Re: [X1M_QRP-Transceiver] Poor First Impression****
>
> ****
>
> ****
>
> I get about 3 watts on 80 meters, decreasing to about 1.5 watts on 10
> meters. I am going to open it up and look for anything obvious. ****
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> ****
>
> On Wed, May 15, 2013 at 7:55 AM, Mark Thompson <mhtent@...> wrote:**
> **
>
> ****
>
> Jim,
> Sorry you are having some issues with your X1M. Mine is working great on

> SSB. Just wonder what band you are getting 2-3 watts out on. I notice that
> mine has reduced output on 15 and 10. Mine puts out 4-5 on 80, 40 and 20.
> 73,
> Mark....KV8T****
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> On May 14, 2013 6:18 PM, "ewmicro" <jim.hurwitz@...> wrote:****
>
> ****
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> I received my X1M this afternoon. I briefly gave it a shot on CW. The
> first thing I noticed was that the key was reverse wired (i.e. for a
> lefty).
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> Mine only puts out 2 to 3 watts CW into a dummy load. Is anyone getting 5
> watts out?
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> One of the buttons was sticky.
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> As mentioned in a previous post, the sidetone is very raspy and loud
> enough to scare you. Also, as previously mentioned, the max audio is not
> very loud. My speaker rattles - sounds like it is hitting the case.
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> My LDG Z11 Pro has trouble matching my antenna. I have no problem with the
> Z11 matching my Elecraft KX3 on the same frequency & antenna.
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> I haven't investigated any of this. I only had about 5 minutes to play
> with it. I emailed Ed and asked whether opening the case would invalidate
> the warranty - whatever that is.
>
> This leaves me with a rather poor first impression.
>
> Jim
> W1FMG****
>
> ****
>
> ****
>
> ** **
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> ****
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>
>

273. Portable today

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-16 03:26:52 UTC
From: w2ndg_neil
Topic: 273 Message: 273

I took the radio up to West Hills Park here on Long Island today. West Hills is next to Jaynes Hill, which is the highest point on Long Island (a real nosebleeder at 400 feet!). I threw a 40' wire up in a tree near the car, attached it to an Emtech ZM2 tuner, and used the car for power.

I tuned around for a long time, just getting the feel for the bands today and the strange conditions. I made 2 good contacts, both on 15M USB. One with Columbia, and the other with Venezuela. Not bad.

Reports have been good since the beginning, with no comments about tin cans or otherwise.

I have had a couple of issues though:

-The connector on my mic came apart. I was able to solder it back together, but I needed to take the mic apart to trace the wires to their origins to get an idea as to what to put where. The mic has a speaker in it, but is not connected. This is basically one of those Baofeng speaker-mics they sell on eBay, with a custom-wired connector on the end.

-If I use the radio A LOT, I get a weak audio issue, but it might be a receive issue since the sidetone and power-up tones are still at normal volume. I was told that I can swap it for a later one once more are available. It did not happen today.

All in all I am very pleased. I am looking forward to some more outdoor work with it.

73 all!

Neil - W2NDG

274. Re: Just got the X1M...but we do have a problem.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-16 12:02:40 UTC
From: Papadad
Topic: 260 Message: 274

Is the X1M now type accepted by the FCC ? If no, can it legally be sold commercially into the USA market without type acceptance? I thought ham gear in quantity required type A unless in kit form. ??

(Ignoring the fact that these are already being sold by a few distributors). ?

275. Re: [X1M_QRP-Transceiver] Re: Just got the X1M...but we do have a problem.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-16 12:26:00 UTC
From: VE3FAL-Fred
Topic: 260 Message: 275

ImportCommunications says

All radios are FCC Type 90 Certified

Fred
VE3FAL

On Thu, 16 May 2013 20:02:40 +0800
Papadad wrote:
Is the X1M now type accepted by the FCC ? If no, can it legally be sold commercially into the USA market without type acceptance? I thought ham gear in quantity required type A unless in kit form. ??

(Ignoring the fact that these are already being sold by a few distributors).
?

276. Re: [X1M_QRP-Transceiver] Just got the X1M...but we do have a problem.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-16 14:07:36 UTC
From: Buddy Brannan
Topic: 260 Message: 276

Theree *is* no type acceptance for amateur gear, except for linear amplifiers that operate between 25 and 50 MHz. Of course, I *think* there might be a requirement for part 15 certification, but I'm not sure of that. At any rate, there's no specific type acceptance for amateur gear.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On May 16, 2013, at 8:02 AM, Papadad <k7joe@...> wrote:

> Is the X1M now type accepted by the FCC ? If no, can it legally be sold commercially into the USA market without type acceptance? I thought ham gear in quantity required type A unless in kit form. ??
>
> (Ignoring the fact that these are already being sold by a few distributors). ?
>
>

277. RE: [X1M_QRP-Transceiver] Just got the X1M...but we do have a problem.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-16 15:35:54 UTC
From: Fred VE3FAL
Topic: 260 Message: 277

To follow up what Buddy said:

FCC radio approval in the United States

In the United States, all commercially produced radios need some sort of FCC approval to be sold and used in the USA. Depending on the type, frequencies used, and other technical specifications, different processes are used. Typically, any radio that operates below 30 Mhz are exempt from the provisions covered on this page.

The current influx of Chinese manufactured radios has created a great deal of confusion. To keep it simple... If the radios do NOT have an FCC ID, then they ARE NOT LEGAL in the USA.... period.

Read on... This page tells you why....

Types of FCC approval:
Type Approval:
This process assures equipment complies with technical specifications, such as interference issues.

Type Acceptance:
This process assures equipment meets specifications of specific radio services. Once type accepted, a radio can be legally used on that specific service. Some radios are type-accepted across multiple services. All radio services with the exception of the Amateur radio service require type-accepted equipment.

http://kd8dvr.dodropin.org/part15

Fred
VE3FAL

-----Original Message-----
From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Buddy Brannan
Sent: May 16, 2013 10:08 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Just got the X1M...but we do have a problem.

Theree *is* no type acceptance for amateur gear, except for linear amplifiers that operate between 25 and 50 MHz. Of course, I *think* there might be a requirement for part 15 certification, but I'm not sure of that. At any rate, there's no specific type acceptance for amateur gear.
--
Buddy Brannan, KB5ELV - Erie, PA

Phone: (814) 860-3194 or 888-75-BUDDY

On May 16, 2013, at 8:02 AM, Papadad <k7joe@...> wrote:

> Is the X1M now type accepted by the FCC ? If no, can it legally be sold commercially into the USA market without type acceptance? I thought ham gear in quantity required type A unless in kit form. ??
>
> (Ignoring the fact that these are already being sold by a few distributors). ?
>
>

Yahoo! Groups Links

278. FCC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-16 19:41:26 UTC
From: George Allen
Topic: 278 Message: 278

Being neither an electrical engineer nor attorney, I would like to know in street slang, what are we talking about re Part 15, 90, etc., regarding the X1M?

279. Re: w4rak/mars

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-17 03:51:48 UTC
From: rkron1
Topic: 225 Message: 279

I used it way outside of 4.000 without a problem. Have not tried it on the Air Force Mars freqs. above 40 meters.

73 Dick W4RAK

--- In X1M_QRP-Transceiver@yahoogroups.com, "POB" <bozo1945@...> wrote:
>
> Your statement caught me on surprise..you had checked into the AIRFORCE NET....
> Very good...
> How far does the radio transmit on 80 meters...say to 4050?
> Also on 40 meters?..say to 7350?..if you have tried in that area<mars>.
> 73
> POB/K8LEN
>

280. X1M not yet type accepted

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-17 07:44:24 UTC
From: K7JOE
Topic: 260 Message: 280

No way this thing is part 90 accepted (that's for commercial radios and likely a reference to the Wouxun products, not the X1M)...

281. RE: [X1M_QRP-Transceiver] X1M not yet type accepted

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-17 16:11:33 UTC
From: Fred VE3FAL
Topic: 260 Message: 281

K7JOE your probably right , as it refers to gear 50 megs and up, so that is probably a generic statement to cover those units.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of K7JOE
Sent: May 17, 2013 3:44 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M not yet type accepted

No way this thing is part 90 accepted (that's for commercial radios and likely a reference to the Wouxun products, not the X1M)...

282. Re: Just got the X1M...but we do have a problem.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-18 00:23:53 UTC
From: Tim W4YN
Topic: 260 Message: 282

The TS button on mine is flakey. Tries to change tuning steps but oscillates between Mhz and 100Khz position only. It also changes the mode, hints at there being a short to adjacent button. Will put under microscope when I get back from Dayton.
Tim W4YN

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Back in August 2012 when I first tested this radio I has problems with the
> buttons as well and that was one area that was being looked into to make
> better.
>
> In fact in one of the youtube videos out there when showing the X1M the
> person in the video also had problems with the button.
>
>
>
> You are right, with the preamp off the radio can tend to be very quiet, but
> I know locally at night on 80 meters I hear the locals just fine with the
> preamp off.
>
>
>
> I also noted the same issue with the RIT, however that same issue is not
> present in regular tuning of the radio.
>
>
>
> I was on 14.300 the Maritime Mobile net and was told my audio was not over
> driven at all but was sounding like I was talking into a tin can.
>
>
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Paul
> Sent: May 15, 2013 12:41 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Just got the X1M...but we do have a problem.

>
>
>
>
>
> I received my X1M the other day from ImportCommunications. Out of the box, I
> had a problem. The preamp circuit did not work. After testing the radio out
> over the course of a day and a half, the preamp started working. I could
> hear a relay click as the preamp was engaged/disengaged. Today, as I was
> using the radio, the preamp cut out while I was listening to a friend
> transmit. I am again unable to engage the preamp. Seems as though the button
> or relay is intermittent.
>
> The RIT function also acts strangely at times. When tuning with the RIT, the
> frequency will jump wildly. As I am turning the VFO dial to adjust RIT, it
> will suddenly jump several hundred hertz.
>
> The receive audio output is very low. The preamp (if working) would have to
> be engaged all the time so I can hear the stations. Without the preamp, I
> have to have the volume turned fully up, and even that is not enough.
>
> I tried the radio with an amplifier, and it did not provide very much drive.
> I could only get about 30-50 watts PEP out of an amplifier, using the stock
> microphone. I wired up an old CB radio powered hand mic, and that yielded
> better results, seeing 50-70 watts PEP. In both cases however, I had to be
> right up on the mic in order to get sufficient drive. The TX audio circuit
> is low, and really needs to be brought up, if you want to be heard well.
>
> Reports from receiving stations indicate good clean audio. A friend sent me
> cell phone video of my signal, and it did sound good. Both the stock mic and
> the powered mic yielded good audio, but the lack of audio is an issue.
>
> I had contacted Ed at ImportCommunications as soon as I realized there was a
> problem with the preamp, and he will resolve the issue when he gets more in
> stock. In the meantime, I will continue to do testing. I would like to hear
> if anyone else is having these problems.
>

283. Re: w4rak/mars

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-18 00:27:01 UTC
From: Tim W4YN
Topic: 225 Message: 283

With a watt meter in series I noticed high signal level when on out of band and not talking. Something was causing high carrier signal with out talking into mic, only when out of band.
Tim W4YN

--- In X1M_QRP-Transceiver@yahoogroups.com, "rkron1" <rkron@...> wrote:
>
> I used it way outside of 4.000 without a problem. Have not tried it on the Air Force Mars freqs. above 40 meters.
>
> 73 Dick W4RAK
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "POB" <bozo1945@> wrote:
> >
> > Your statement caught me on surprise..you had checked into the AIRFORCE NET....
> > Very good...
> > How far does the radio transmit on 80 meters...say to 4050?
> > Also on 40 meters?..say to 7350?..if you have tried in that area<mars>.
> > 73
> > POB/K8LEN
> >
>

284. WARNING Bottom phillips head screw

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-18 00:29:08 UTC
From: Tim W4YN
Topic: 284 Message: 284

Do not try loosening the bottom screw, you can not get the nut and washer back on without unsoldering the rf shielding! (do not ask how I know!).
Tim W4YN

285. RE: [X1M_QRP-Transceiver] WARNING Bottom phillips head screw

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-18 00:31:53 UTC
From: Fred VE3FAL
Topic: 284 Message: 285

Tim I posted that warning as well the other day, so please folks as Tim has stated.

Do not try loosening the bottom screw, you can not get the nut and washer back on without unsoldering the rf shielding

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Tim W4YN
Sent: May 17, 2013 8:29 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] WARNING Bottom phillips head screw

Do not try loosening the bottom screw, you can not get the nut and washer back on without unsoldering the rf shielding! (do not ask how I know!).
Tim W4YN

286. Internal adjustments

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-18 00:33:43 UTC
From: Tim W4YN
Topic: 286 Message: 286

Anyone know what the function is for the 3 internal potentiometers on upper circuit board?
Tim W4YN

287. RE: [X1M_QRP-Transceiver] Internal adjustments

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-18 02:26:41 UTC
From: Fred VE3FAL
Topic: 286 Message: 287
Attachments: 1 described; binary payloads are missing from this source WARC

Lets see if my JPEG will be ok, if not will put in files section.

I attached to this email..

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Tim W4YN
Sent: May 17, 2013 8:34 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Internal adjustments

Anyone know what the function is for the 3 internal potentiometers on upper
circuit board? Tim W4YN

288. TS button

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-18 13:55:17 UTC
From: Papadad
Topic: 288 Message: 288

Mine does same. Not a defect .

TS button Only changes ten MHz and one MHz positions for rapid band changing.

You must push the tuning knob in to change tuning step position to kHz etc . Then push again and it resumed tuning.

K7JOE. Joe

289. Internal Adjustments

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-18 16:48:55 UTC
From: Fred VE3FAL
Topic: 289 Message: 289

Tim did you see the file I loaded, were those two of the pots you were talking about.

Fred

VE3FAL

290. Re: [X1M_QRP-Transceiver] Internal Adjustments

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-18 16:58:50 UTC
From: Auto_Prof1
Topic: 289 Message: 290

Fred,

Thank you very much for the photo of the pot locations.......great stuff and thank you for your efforts.

K9MIT - Chip

From: Fred VE3FAL <flesnick@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, May 18, 2013 12:48 PM
Subject: [X1M_QRP-Transceiver] Internal Adjustments

Tim did you see the file I loaded, were those two of the pots you were talking about.

Fred
VE3FAL

291. RE: [X1M_QRP-Transceiver] Internal Adjustments

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-18 17:06:42 UTC
From: Fred VE3FAL
Topic: 289 Message: 291

Chip not a problem, Ed and I were talking about this a while back when I had a concern about the very loud cw sidetone..I would wake everyone in the house up at night if I used it or go deaf with headphones. Thought was if not able to turn down from menu to put hole in cover to allow an adjustment. My TenTec Scout has just that for power and sidetone volume.

Will see what transpires down the road..

I know a few of my QRP Canada folks stopped by to see Ed at Dayton now too.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Auto_Prof1
Sent: May 18, 2013 12:59 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Internal Adjustments

Fred,

Thank you very much for the photo of the pot locations.......great stuff and thank you for your efforts.

K9MIT - Chip

_____

From: Fred VE3FAL <flesnick@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, May 18, 2013 12:48 PM
Subject: [X1M_QRP-Transceiver] Internal Adjustments

Tim did you see the file I loaded, were those two of the pots you were talking about.

Fred

VE3FAL

292. Some testing results

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-18 17:19:33 UTC
From: George C
Topic: 292 Message: 292

Wish I had more time to do some more, not being helped by the fact that my service monitor's printer cart has dried up ink, and the cartridges are getting REAL rare. An old HP. So I cannot print and scan but have to use my shoe-phone to take pix and that's cumbersome.

I have uploaded a file (or will right after I finish this) called X1M_SPEC_AN.pdf to my web site. http://dyb.com/X1M/X1M_SPEC_AN.pdf

The pictures are of one unit on 75-10, but a second rig was checked on 40. On all bands with preamp on receive was"ok". Not the same as my FT-1000D. They "hear" 0.1 uV barely at the noise level. I didn't do 20db S+N/N check, but by ear that seems to be about 1 uV. Now if this were a FT1000 or one of my Micom-2's I'd be bothered. But all things considered, not too bad. RX filter seems good. I need to measure it. LSB filter position relative to carrier is way, way off, so in LSB mode both units were not going to make good audio, and reception is bad. As I have posted earlier, there is a setting for the carrier frequency in all modes, and when the LSB carrier is placed at the "right place" the indicated operating frequency is WAY off...but just in LSB. This looks like a firmware problem, but what do I know? USB is perfect. CW is ok, yeah, sidetone needs an adjustment of some sort. L/M/H in settings, or something like that.

Power out on both units was down about 3db for the most part. Don't go by the spectrum analyzer dbm numbers in my pix, those were with voice and were varying a db or so with voice.

I had one instance of RF feedback, may have been a bad ground from the power supply.

But looking at the pictures...40 was clean except for a spur down 50db at about 3.6 mhz (Hmmmm Fo/2 ??). Both rigs. 75 had spurs at about 1.25 mhz intervals up and down that seem down about 35 db. (Fo/3 ??)This is sub milliwatt, and does not bother me. 20 had some sizeable spurs. Though the worst one was down about 40db. so still not too worried about it. Worst case on 15 was down 46db, and on 10 also not the cleanest it was 35db down worst case.

So as the rig stands, it can use some help with these spurs. Operating barefoot, even though RF output is not as specified it is what it is. I would NOT put this into an amplifier, which can make the spurious situation worse.

Then there is the mic and key jack mechanical issue. push the connector in so the metal flange on the plug is up against the jack. If not it looks like something can short something and it takes my current limited supply down for a moment.

I still think it is pretty slick. Especially the go-anywhere part. Now my personal opinion is that at $299 it is a bit high, considering these deficiencies. $199 would have been better. If it were clean and not had the LSB issue the $299 is ok. And THAT is no fault of the importer, so I know of people that want to "Give Ed a piece of their mind" at Dayton. Hold off, guys. Ed didn't build it.

And as usual I see the customary flame wars brewing over type acceptance/type approval, part 90 (which really has no HF stuff except very, very limited circumstances. HF is mainly marine and Aviation. part 22 and 87. But it ain't an issue, and I know people like to display their knowledge or lack of for the FCC rules, but guys, it's a 2 watt HF radio. Not worth the heartburn to argue over.

So I hope the manufacturer has some fixes for some of these issues. The DB-9 on the back suggests that maybe, just maybe they can insert new firmware by serial connection. That could fix lots of it.

And speaking of the DB-9, anybody have the pin out for making a cable to talk to HRD, since it is supposed to "look like" a IC-718? I wanted to fiddle with that. Just looking at these pins with a scope didn't give any real hints.

I use mine really for monitoring things like 6604, 10051, 13270, 11175, etc. That all works fine, wish it had Motorola SSB squelch.

GeorgeC

W2DB
Cedar Park, TX
Allstar 2360 (back on)

293. X1M Manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-18 19:24:09 UTC
From: Auto_Prof1
Topic: 293 Message: 293
Attachments: 1 described; binary payloads are missing from this source WARC

I took Fred's photo of the board and merged it with the X1M manual so that everything would be together.

K9MIT - Chip

294. Re: TS button

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-19 02:20:45 UTC
From: Tim W4YN
Topic: 288 Message: 294

Mine also changes mode as I push TS and it changes the Mhz and 10Mhz.
Tim

--- In X1M_QRP-Transceiver@yahoogroups.com, Papadad <k7joe@...> wrote:
>
> Mine does same. Not a defect .
>
> TS button Only changes ten MHz and one MHz positions for rapid band changing.
>
> You must push the tuning knob in to change tuning step position to kHz etc . Then push again and it resumed tuning.
>
> K7JOE. Joe
>

295. Re: Internal Adjustments

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-19 02:27:29 UTC
From: Tim W4YN
Topic: 289 Message: 295

I can not find the file anywhere!
Tim

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Tim did you see the file I loaded, were those two of the pots you were
> talking about.
>
>
>
> Fred
>
> VE3FAL
>

296. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-19 02:31:36 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 296

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Manuals/X1M mic & sidetone adjustment.jpg
Uploaded by : ve3fal <flesnick@...>
Description :

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/X1M%20mic%20%26%20sidetone
%20adjustment.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

ve3fal <flesnick@...>

297. Button Problems - Readout Problems

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-19 03:39:42 UTC
From: Dale K
Topic: 297 Message: 297

If your having problems with some of the buttons, you can take the front panel off and re-seat the front panel. This is information just received this info from the engineer of this radio. He said this has happened before and due to transport.

Dale Kightradio.com

298. Re: Button Problems - Readout Problems

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-19 14:32:41 UTC
From: Tim W4YN
Topic: 297 Message: 298

Tnx Dale, tried this a few times still changes mode and step. I will look for a solder bridge later today.
Tim O
--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale K" <nh6vr@...> wrote:
>
> If your having problems with some of the buttons, you can take the front panel off and re-seat the front panel. This is information just received this info from the engineer of this radio. He said this has happened before and due to transport.
>
> Dale Kightradio.com
>

299. Re: Internal Adjustments

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-19 15:42:38 UTC
From: George C
Topic: 289 Message: 299

Fred, can you upload that info to the group? I'd like to know what the pots are for. Also, any known existing schematic, or a pinout of the DB-9 connector? That info would be VERY handy to have.

I run a couple of Allstar nodes, and one of the HF remotes it does support is IC-706, which I believe is very much like IC-718 so this could be part of a real slick remotely operated HF radio. But just with scope and RS232 tools it didn't seem to be a conventional RS232 connection, plus the manual says something about this port also controlling a tuner. At least I think that's what is meant by AAT....

I've scoured the internet and even Xiegu's (translated) web site for a ny info and it is nil.

Still a slick rig.

I have to re-check my power out, I made all measurements at about 13V. Going to try 14 or 14.5, maybe that will be better.

GeorgeC
W2DB

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Chip not a problem, Ed and I were talking about this a while back when I had a concern about the very loud cw sidetone..I would wake everyone in the house up at night if I used it or go deaf with headphones. Thought was if not able to turn down from menu to put hole in cover to allow an adjustment. My TenTec Scout has just that for power and sidetone volume.
>
>
>
> Will see what transpires down the road..
>
>
>
> I know a few of my QRP Canada folks stopped by to see Ed at Dayton now too.
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com]

On Behalf Of Auto_Prof1
> Sent: May 18, 2013 12:59 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: Re: [X1M_QRP-Transceiver] Internal Adjustments
>
>
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>
> Fred,
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>
> Thank you very much for the photo of the pot locations.......great stuff and thank you for your efforts.
>
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>
> K9MIT - Chip
>
>
>
> -----
>
> From: Fred VE3FAL <flesnick@...>
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Saturday, May 18, 2013 12:48 PM
> Subject: [X1M_QRP-Transceiver] Internal Adjustments
>
>
>
>
>
> Tim did you see the file I loaded, were those two of the pots you were talking about.
>
>
>
> Fred
>
> VE3FAL
>

300. RE: [X1M_QRP-Transceiver] Re: Internal Adjustments

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-19 15:45:36 UTC
From: Fred VE3FAL
Topic: 289 Message: 300

Yep uploaded that picture last night.

No on the pinout for the DB-9, I know Ed is waiting for custom made cables to be made for the unit.

He should still be busy at Dayton today.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of George C
Sent: May 19, 2013 11:43 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Internal Adjustments

Fred, can you upload that info to the group? I'd like to know what the pots are for. Also, any known existing schematic, or a pinout of the DB-9 connector? That info would be VERY handy to have.

I run a couple of Allstar nodes, and one of the HF remotes it does support is IC-706, which I believe is very much like IC-718 so this could be part of a real slick remotely operated HF radio. But just with scope and RS232 tools it didn't seem to be a conventional RS232 connection, plus the manual says something about this port also controlling a tuner. At least I think that's what is meant by AAT....

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Still a slick rig.

I have to re-check my power out, I made all measurements at about 13V. Going to try 14 or 14.5, maybe that will be better.

GeorgeC
W2DB

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL"
<flesnick@...> wrote:
>
> Chip not a problem, Ed and I were talking about this a while back when I had a concern about the very loud cw sidetone..I would wake everyone in the house up at night if I used it or go deaf with headphones. Thought was if not able to turn down from menu to put hole in cover to allow an adjustment. My TenTec Scout has just that for power and sidetone volume.

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> Will see what transpires down the road..
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> I know a few of my QRP Canada folks stopped by to see Ed at Dayton now
too.
>
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> Fred
>
> VE3FAL
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>
> From: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
[mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of Auto_Prof1
> Sent: May 18, 2013 12:59 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> Subject: Re: [X1M_QRP-Transceiver] Internal Adjustments
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> Fred,
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> Thank you very much for the photo of the pot locations.......great stuff
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>
> K9MIT - Chip
>
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>
> _____
>
> From: Fred VE3FAL <flesnick@...>
> To: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> Sent: Saturday, May 18, 2013 12:48 PM

> Subject: [X1M_QRP-Transceiver] Internal Adjustments
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>
> Tim did you see the file I loaded, were those two of the pots you were
talking about.
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>
> Fred
>
> VE3FAL
>

301. maybe a serious PA issue

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-19 15:54:27 UTC
From: George C
Topic: 301 Message: 301

Look at http://dyb.com/X1M/X1M-02-WIDEBAND_NOISE.jpg

This is what I saw the other night and it did it again yesterday. This shows 2.185 mhz to 52.185 mhz, center being 27.185 (yeah, yeah, I know...but it did it in the ham bands as well)

Now it wasn't a bad termination, I know that, this was thru some very good RG142 cables into a 50 ohm termination. The first time I saw this was on 75 and into an antenna thru a Z100 tuner. Also, if I placed my hand on the cabinet it would stop. Starting to think some added bypassing on the DC in might be the answer.

GeorgeC
W2DB

302. CW Key Wiring Help/Question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-19 15:54:53 UTC
From: ballardian36
Topic: 302 Message: 302

Can anybody enlighten me on a key should be wired to the stereo jack?

A buddy and I were able to get a straight key working using connections to the sleeve and the ring of the plug but we never seemed to get the tip to work. We wired up a paddle and 1/2 of the paddle that was connected to the ring would work but the one wired to the tip never did. We also couldn't seem to get the built in keyer to work. Any connection we made would just be a solid tone like a straight key.

If anyone could enlighten to me on how this all 'seems' to work I'd much appreciate it. I want it to be that I just wired the stuff wrong but I'm suspicious that something else is amiss in the radio.

Thanks,
-Chris
KC8MUS

303. Re: Internal Adjustments

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-19 15:58:43 UTC
From: George C
Topic: 289 Message: 303

I feel so silly for not reading down to the last message before writing that :-)

Maybe I get a cable and dissect it.

I'm sure he had a busy weekend. I had one friend who wanted to go complain about the cheesy construction. I had to keep reminding him that it was only $299, or whatever it was. I guess some people still believe in a $0.10 cup of coffee too...

OK, thanks for the info.

GeorgeC

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Yep uploaded that picture last night.
>
> No on the pinout for the DB-9, I know Ed is waiting for custom made cables
> to be made for the unit.
>
> He should still be busy at Dayton today.
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of George C
> Sent: May 19, 2013 11:43 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Re: Internal Adjustments
>
>
>
>
>
>
>
> Fred, can you upload that info to the group? I'd like to know what the pots
> are for. Also, any known existing schematic, or a pinout of the DB-9
> connector? That info would be VERY handy to have.
>
> I run a couple of Allstar nodes, and one of the HF remotes it does support
> is IC-706, which I believe is very much like IC-718 so this could be part of

> a real slick remotely operated HF radio. But just with scope and RS232 tools
> it didn't seem to be a conventional RS232 connection, plus the manual says
> something about this port also controlling a tuner. At least I think that's
> what is meant by AAT....
>
> I've scoured the internet and even Xiegu's (translated) web site for a ny
> info and it is nil.
>
> Still a slick rig.
>
> I have to re-check my power out, I made all measurements at about 13V. Going
> to try 14 or 14.5, maybe that will be better.
>
> GeorgeC
> W2DB
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL"
> <flesnick@> wrote:
> >
> > Chip not a problem, Ed and I were talking about this a while back when I
> had a concern about the very loud cw sidetone..I would wake everyone in the
> house up at night if I used it or go deaf with headphones. Thought was if
> not able to turn down from menu to put hole in cover to allow an adjustment.
> My TenTec Scout has just that for power and sidetone volume.
> >
> >
> >
> > Will see what transpires down the road..
> >
> >
> >
> > I know a few of my QRP Canada folks stopped by to see Ed at Dayton now
> too.
> >
> >
> >
> > Fred
> >
> > VE3FAL
> >
> >
> >
> > From: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of Auto_Prof1
> > Sent: May 18, 2013 12:59 PM
> > To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>

> > Subject: Re: [X1M_QRP-Transceiver] Internal Adjustments
> >
> >
> >
> >
> >
> > Fred,
> >
> >
> >
> > Thank you very much for the photo of the pot locations.......great stuff
> and thank you for your efforts.
> >
> >
> >
> > K9MIT - Chip
> >
> >
> >
> > _____
> >
> > From: Fred VE3FAL <flesnick@>
> > To: X1M_QRP-Transceiver@...m
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > Sent: Saturday, May 18, 2013 12:48 PM
> > Subject: [X1M_QRP-Transceiver] Internal Adjustments
> >
> >
> >
> >
> >
> > Tim did you see the file I loaded, were those two of the pots you were
> talking about.
> >
> >
> >
> > Fred
> >
> > VE3FAL
> >
>

304. RE: [X1M_QRP-Transceiver] Re: Internal Adjustments

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-19 16:03:11 UTC
From: Fred VE3FAL
Topic: 289 Message: 304

No problem George that is why this group is here..Gotta remember Ed does not make them, he just brings them in.

Folks can always spend the big bucks on Tentecs or Elecraft if they get that picky.

For portable use and for the bang for the buck, it is pretty good.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of George C
Sent: May 19, 2013 11:59 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Internal Adjustments

I feel so silly for not reading down to the last message before writing that :-)

Maybe I get a cable and dissect it.

I'm sure he had a busy weekend. I had one friend who wanted to go complain about the cheesy construction. I had to keep reminding him that it was only $299, or whatever it was. I guess some people still believe in a $0.10 cup of coffee too...

OK, thanks for the info.

GeorgeC

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL"
<flesnick@...> wrote:
>
> Yep uploaded that picture last night.
>
> No on the pinout for the DB-9, I know Ed is waiting for custom made cables
> to be made for the unit.
>
> He should still be busy at Dayton today.
>
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>
> Fred
>
> VE3FAL

>
>
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> From: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of George C
> Sent: May 19, 2013 11:43 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> Subject: [X1M_QRP-Transceiver] Re: Internal Adjustments
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>
> Fred, can you upload that info to the group? I'd like to know what the
pots
> are for. Also, any known existing schematic, or a pinout of the DB-9
> connector? That info would be VERY handy to have.
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> I run a couple of Allstar nodes, and one of the HF remotes it does support
> is IC-706, which I believe is very much like IC-718 so this could be part
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> a real slick remotely operated HF radio. But just with scope and RS232
tools
> it didn't seem to be a conventional RS232 connection, plus the manual says
> something about this port also controlling a tuner. At least I think
that's
> what is meant by AAT....
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> I've scoured the internet and even Xiegu's (translated) web site for a ny
> info and it is nil.
>
> Still a slick rig.
>
> I have to re-check my power out, I made all measurements at about 13V.
Going
> to try 14 or 14.5, maybe that will be better.
>
> GeorgeC
> W2DB
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL"
> <flesnick@> wrote:
> >
> > Chip not a problem, Ed and I were talking about this a while back when I

> had a concern about the very loud cw sidetone..I would wake everyone in
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> not able to turn down from menu to put hole in cover to allow an
adjustment.
> My TenTec Scout has just that for power and sidetone volume.
> >
> >
> >
> > Will see what transpires down the road..
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> >
> > I know a few of my QRP Canada folks stopped by to see Ed at Dayton now
> too.
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> > Fred
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> > From: X1M_QRP-Transceiver@yahoogroups.com
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> > Thank you very much for the photo of the pot locations.......great stuff
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> >
> > K9MIT - Chip

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> > _____
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> > Tim did you see the file I loaded, were those two of the pots you were
> talking about.
> >
> >
> >
> > Fred
> >
> > VE3FAL
> >
>

305. First SSB QSO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-19 19:48:33 UTC
From: Tim W4YN
Topic: 305 Message: 305

Adjusted the mic gain to get the QRP watt meter to show 2 watts with normal speech "hellooooooo".
Worked Kf5f on 20 meters, only a short hop maybe 400 miles, and he gave great report on audio quality, I was happy after hearing others had not been so lucky!
Tim W4YN

306. RE: [X1M_QRP-Transceiver] First SSB QSO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-19 19:50:20 UTC
From: Fred VE3FAL
Topic: 305 Message: 306

Tim what frequency you on right now, bands are no heck but will listen for you..

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Tim W4YN
Sent: May 19, 2013 3:49 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] First SSB QSO

Adjusted the mic gain to get the QRP watt meter to show 2 watts with normal speech "hellooooooo".
Worked Kf5f on 20 meters, only a short hop maybe 400 miles, and he gave great report on audio quality, I was happy after hearing others had not been so lucky!
Tim W4YN

307. Re: [X1M_QRP-Transceiver] First SSB QSO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-19 21:16:50 UTC
From: Mark Thompson
Topic: 305 Message: 307

Tim,
I've worked a lot of DX with my X1M. My first QSO was an EA8 on 20 SSB.
Since then I've worked YY4, EA3, ON7 and IK4 all on 15 and 20 SSB with good
signal and audio reports. Have fun.
73,
Mark....KV8T
On May 19, 2013 3:48 PM, "Tim W4YN" <w4yn@...> wrote:

> **
>
>
> Adjusted the mic gain to get the QRP watt meter to show 2 watts with
> normal speech "hellooooooo".
> Worked Kf5f on 20 meters, only a short hop maybe 400 miles, and he gave
> great report on audio quality, I was happy after hearing others had not
> been so lucky!
> Tim W4YN
>
>
>

308. Re: First SSB QSO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-19 22:40:54 UTC
From: Tim W4YN
Topic: 305 Message: 308

20 or 40 meters any where in band
tim
--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Tim what frequency you on right now, bands are no heck but will listen for
> you..
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Tim W4YN
> Sent: May 19, 2013 3:49 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] First SSB QSO
>
>
>
>
>
>
> Adjusted the mic gain to get the QRP watt meter to show 2 watts with normal
> speech "hellooooooo".
> Worked Kf5f on 20 meters, only a short hop maybe 400 miles, and he gave
> great report on audio quality, I was happy after hearing others had not been
> so lucky!
> Tim W4YN
>

309. Re: First SSB QSO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 00:15:30 UTC
From: George C
Topic: 305 Message: 309

I stopped with the test gear long enough to work someone. Worked a K6 in some kind of YL contest yesterday afternoon on 14.170. She gave me a 5-6 report. And my HF antenna is REALLY broken.

GeorgeC
W2DB

--- In X1M_QRP-Transceiver@yahoogroups.com, Mark Thompson <mhtent@...> wrote:
>
> Tim,
> I've worked a lot of DX with my X1M. My first QSO was an EA8 on 20 SSB.
> Since then I've worked YY4, EA3, ON7 and IK4 all on 15 and 20 SSB with good
> signal and audio reports. Have fun.
> 73,
> Mark....KV8T
> On May 19, 2013 3:48 PM, "Tim W4YN" <w4yn@...> wrote:
>
> > **
> > >
> > >
> > > Adjusted the mic gain to get the QRP watt meter to show 2 watts with
> > > normal speech "hellooooooo".
> > > Worked Kf5f on 20 meters, only a short hop maybe 400 miles, and he gave
> > > great report on audio quality, I was happy after hearing others had not
> > > been so lucky!
> > > Tim W4YN
> > >
> > >
> > >
>

310. One more plus for the radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 00:20:12 UTC
From: George C
Topic: 310 Message: 310

In all the stuff I have written so far I forgot to mention one aspect that is stunning. Frequency reference. the internal TCXO is on 32.768 mhz. And the radio gets pretty warm from the .5 amps constant drain. Not sure what is drawing so much current. Probably the LM386 (:-) But measured on the same 40m frequency this thing only moved 3 Hz from cold to an hour later when it was very warm. And on all bands its error is a few hertz or so. That's pretty outstanding.

GeorgeC
W2DB

311. RE: [X1M_QRP-Transceiver] One more plus for the radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 01:16:16 UTC
From: Fred VE3FAL
Topic: 310 Message: 311

Yes George the unit does get warm, I really noticed that with the first model or Version 1 as well, maybe some venting would be needed or again maybe not, if it is stable as noted then we know it is not hurting anything.

George wonder if you can put your testing and measurements into some form of spreadsheet for some of to use and reference for when questions are asked..

And at the same time I hope many are reading your information and will ask questions if not sure of what you have found.

Great work

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of George C
Sent: May 19, 2013 8:20 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] One more plus for the radio

In all the stuff I have written so far I forgot to mention one aspect that is stunning. Frequency reference. the internal TCXO is on 32.768 mhz. And the radio gets pretty warm from the .5 amps constant drain. Not sure what is drawing so much current. Probably the LM386 (:-) But measured on the same 40m frequency this thing only moved 3 Hz from cold to an hour later when it was very warm. And on all bands its error is a few hertz or so. That's pretty outstanding.

GeorgeC
W2DB

312. Re: One more plus for the radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 02:30:25 UTC
From: Tim W4YN
Topic: 310 Message: 312

I was in a qso for 45 minutes and went from stone cold to case being warm to touch, contact station said I was very stable!
DDS is working!
Tim O

--- In X1M_QRP-Transceiver@yahoogroups.com, "George C" <george@...> wrote:
>
> In all the stuff I have written so far I forgot to mention one aspect that is stunning. Frequency reference. the internal TCXO is on 32.768 mhz. And the radio gets pretty warm from the .5 amps constant drain. Not sure what is drawing so much current. Probably the LM386 (:-) But measured on the same 40m frequency this thing only moved 3 Hz from cold to an hour later when it was very warm. And on all bands its error is a few hertz or so. That's pretty outstanding.
>
> GeorgeC
> W2DB
>

313. NEW Chinese HF Radio FT-808 UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 02:55:25 UTC
From: Dale K
Topic: 313 Message: 313

For those of you that are interested in the Chinese HF Transceiver that was listed as selling for $400.00, here is the correct price on the radio. 6,000 RMB Chinese money =(USD $975.60) They said they never put $400 on there but we all can see that price on their reps ad. I am in China now on a buying trip and I had my Chinese assistant get this information for us. Anyone that wants to buy one, I will be happy to give you the direct contact number so you can order direct from the mfg.
Its normal for the Chinese to put a lower price on their ads just like they advertise the Wouxun 1P as a HF SSB Transceiver in some listings.

www.kightradio.com

314. Re: One more plus for the radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 06:56:02 UTC
From: George C
Topic: 310 Message: 314

I can, but heading out tmorrow for a week, and probably not able to put much together. I really also wanted to make some more measurements at a specific set of frequencies.

Also, I see Po much better at 14 Volts.

I comment on the heat as a casual observation. But I do want to see where it is coming from.

GeorgeC

PS, fairly good interest in the radio preppers forum.

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Yes George the unit does get warm, I really noticed that with the first
> model or Version 1 as well, maybe some venting would be needed or again
> maybe not, if it is stable as noted then we know it is not hurting anything.
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>
> George wonder if you can put your testing and measurements into some form of
> spreadsheet for some of to use and reference for when questions are asked..
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>
>
> And at the same time I hope many are reading your information and will ask
> questions if not sure of what you have found.
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> Great work
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> Fred
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> VE3FAL
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> Sent: May 19, 2013 8:20 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] One more plus for the radio
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> 40m frequency this thing only moved 3 Hz from cold to an hour later when it
> was very warm. And on all bands its error is a few hertz or so. That's
> pretty outstanding.
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> GeorgeC
> W2DB
>

315. power supply

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 12:32:46 UTC
From: cammcomm
Topic: 315 Message: 315

Just got this little radio set up over the weekend. No problems with the one I have. I really like it.
I would be interested in what power supply you are using in the shack or portable.
For now I am simply using a couple of lantern batteries. With the back light and preamp off.

316. Re: [X1M_QRP-Transceiver] power supply

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 12:59:36 UTC
From: Mark Thompson
Topic: 315 Message: 316

I purchased a LCD monitor power supply. It looks like a laptop power supply
but rated at 12V @ 4amps. Ebay for about $7.
73
Mark....KV8T
On May 20, 2013 8:32 AM, "cammcomm" <rrc@...> wrote:

> **
>
>
> Just got this little radio set up over the weekend. No problems with the
> one I have. I really like it.
> I would be interested in what power supply you are using in the shack or
> portable.
> For now I am simply using a couple of lantern batteries. With the back
> light and preamp off.
>
>
>

317. Re: [X1M_QRP-Transceiver] Re: First SSB QSO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 13:43:44 UTC
From: George Andrews
Topic: 305 Message: 317

Group,
Got the X1M at Dayton. First QSO was from a motel in Clarion PA to Knoxville, TN. My antenna was an MFJ Telescoping antenna. Copy was good both ways. Radio was used as bought. Contact was on 17 M. I am looking forward to using the radio with a better antenna.

George
N1YAE

George C <george@...> wrote:

>I stopped with the test gear long enough to work someone. Worked a K6
>in some kind of YL contest yesterday afternoon on 14.170. She gave me a
>5-6 report. And my HF antenna is REALLY broken.
>
>GeorgeC
>W2DB
>
>
>--- In X1M_QRP-Transceiver@yahoogroups.com, Mark Thompson <mhtent@...>
>wrote:
>>
>> Tim,
>> I've worked a lot of DX with my X1M. My first QSO was an EA8 on 20
>SSB.
>> Since then I've worked YY4, EA3, ON7 and IK4 all on 15 and 20 SSB
>with good
>> signal and audio reports. Have fun.
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>> Mark....KV8T
>> On May 19, 2013 3:48 PM, "Tim W4YN" <w4yn@...> wrote:
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>> > **
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>> > Adjusted the mic gain to get the QRP watt meter to show 2 watts
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>> > normal speech "hellooooooo".
>> > Worked Kf5f on 20 meters, only a short hop maybe 400 miles, and he
>gave
>> > great report on audio quality, I was happy after hearing others had
>not
>> > been so lucky!
>> > Tim W4YN
>> >
>> >
>> >

>>

--
Sent from my Android phone with K-9 Mail. Please excuse my brevity.

318. RE: [X1M_QRP-Transceiver] Re: One more plus for the radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 13:54:05 UTC
From: Fred VE3FAL
Topic: 310 Message: 318

No problem George, on your time.. Just good information for the folks.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of George C
Sent: May 20, 2013 2:56 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: One more plus for the radio

I can, but heading out tmorrow for a week, and probably not able to put much
together. I really also wanted to make some more measurements at a specific
set of frequencies.

Also, I see Po much better at 14 Volts.

I comment on the heat as a casual observation. But I do want to see where it
is coming from.

GeorgeC

PS, fairly good interest in the radio preppers forum.

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL"
<flesnick@...> wrote:
>
> Yes George the unit does get warm, I really noticed that with the first
> model or Version 1 as well, maybe some venting would be needed or again
> maybe not, if it is stable as noted then we know it is not hurting
anything.
>
>
>
> George wonder if you can put your testing and measurements into some form
of
> spreadsheet for some of to use and reference for when questions are
asked..
>
>
>
> And at the same time I hope many are reading your information and will ask
> questions if not sure of what you have found.
>
>

>
> Great work
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of George C
> Sent: May 19, 2013 8:20 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> Subject: [X1M_QRP-Transceiver] One more plus for the radio
>
>
>
>
>
> In all the stuff I have written so far I forgot to mention one aspect that
> is stunning. Frequency reference. the internal TCXO is on 32.768 mhz. And
> the radio gets pretty warm from the .5 amps constant drain. Not sure what
is
> drawing so much current. Probably the LM386 (:-) But measured on the same
> 40m frequency this thing only moved 3 Hz from cold to an hour later when
it
> was very warm. And on all bands its error is a few hertz or so. That's
> pretty outstanding.
>
> GeorgeC
> W2DB
>

319. Foist impressions, mods &c

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 14:05:58 UTC
From: Arvo Rantinen
Topic: 319 Message: 319

Gang,

I just joined so I'll have to do some catch-up reading. Picked up my X1M at Dayton 2013. Got it home, dog tired, waited until I was awake. Still took me a while.

1. Is there a fix for the CW paddles being cast backwards (as in: TRS=dash/dot/gnd)?

2. RIT does not turn the preamp on or off. MD does that, at least on my radio.

3. A couple friends are serious CNC ops. They chuckled at the holes for the speaker grill. And I'm looking at how easily the radio & a huge pack of accessories (including a Z-match) would fit in one of the old Inmac A/B switch chassis I had planned to use on my own trx.

4. Overall, looks like a fun box. Once I recover from Dayton (and catch up on home projects &c) I'm gonna try it out with the AlexLoop I won at the QRP banquet.

3s

Nils

320. RE: [X1M_QRP-Transceiver] Foist impressions, mods &c

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 14:21:45 UTC
From: Fred VE3FAL
Topic: 319 Message: 320

Arvo , holding the RIT in for about 2 seconds gets you into the SYTEM MENU MODE, holding the MD button in will toggle the preamp as you stated.

Not sure about the cw paddle fix as I use straight key only..

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Arvo Rantinen
Sent: May 20, 2013 10:06 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Foist impressions, mods &c

Gang,

I just joined so I'll have to do some catch-up reading. Picked up my X1M at Dayton 2013. Got it home, dog tired, waited until I was awake. Still took me a while.

1. Is there a fix for the CW paddles being cast backwards (as in: TRS=dash/dot/gnd)?

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4. Overall, looks like a fun box. Once I recover from Dayton (and catch up on home projects &c) I'm gonna try it out with the AlexLoop I won at the QRP banquet.

3s

Nils

321. Re: [X1M_QRP-Transceiver] Foist impressions, mods &c

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 15:12:35 UTC
From: Jim Hurwitz
Topic: 319 Message: 321

I rewired (reversed right and left contacts) one of my paddles to correct
this. I have now dedicated this paddle to x1m use. In the future, I'll make
a conversion cable.

On Mon, May 20, 2013 at 10:21 AM, Fred VE3FAL <flesnick@...> wrote:

> **
>
>
> Arvo , holding the RIT in for about 2 seconds gets you into the SYTEM MENU
> MODE, holding the MD button in will toggle the preamp as you stated.****
>
> Not sure about the cw paddle fix as I use straight key only..****
>
> Fred****
>
> VE3FAL****
>
> ** **
>
> *From:* X1M_QRP-Transceiver@yahoogroups.com [mailto:
> X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Arvo Rantinen
> *Sent:* May 20, 2013 10:06 AM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] Foist impressions, mods &c****
>
> ** **
>
> ****
>
> Gang,
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> I just joined so I'll have to do some catch-up reading. Picked up my X1M
> at Dayton 2013. Got it home, dog tired, waited until I was awake. Still
> took me a while.
>
> 1. Is there a fix for the CW paddles being cast backwards (as in:
> TRS=dash/dot/gnd)?
>
> 2. RIT does not turn the preamp on or off. MD does that, at least on my
> radio.
>
> 3. A couple friends are serious CNC ops. They chuckled at the holes for
> the speaker grill. And I'm looking at how easily the radio & a huge pack of
> accessories (including a Z-match) would fit in one of the old Inmac A/B

> switch chassis I had planned to use on my own trx.
>
> 4. Overall, looks like a fun box. Once I recover from Dayton (and catch up
> on home projects &c) I'm gonna try it out with the AlexLoop I won at the
> QRP banquet.
>
> 3s
>
> Nils****
>
> ****
>
>
>

322. Display Photos

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 15:40:36 UTC
From: Fred VE3FAL
Topic: 322 Message: 322

I uploaded some pictures of the X1M display for those to see who maybe have not seen one up close.

Fred

VE3FAL

323. After Dayton Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 16:33:05 UTC
From: kingfish_stevens
Topic: 323 Message: 323

As most of you know, the expected shipment of X1M radios got delivered in time for me to ship them out before leaving last Wednesday for Dayton. All on-hand orders were filled and the remaining radios were taken to Dayton. At least a dozen or more were sold there. At least 3 people reported on Saturday that they'd tried the radio Friday night, all with good results.

As with any new product, there are going to be growing pains and the X1M is no exception. I will tell you that positive reports are running about 98% so far. You guys that have found glitches, just be patient and I will get them all resolved.

I was without email since Wednesday because of a home computer problem I couldn't resolve by long distance. So I may just now be reading your emails. I'm working through them.

The factory is pleased that 100 radios have been sold so quickly. They are also aware of the problems that have been reported. More importantly, they are willing and anxious to resolve any problems. It will be the owners of this radio that will result in it being a really good radio in the end.

They are aware that poor assembly has caused some problems and they will fix that. They are aware of the reversed polarity for the keyer. That will be fixed by firmware, by me if needed. Yes, it seems that some things can be changed via firmware. And NO, it will not be a do-it-yourself project from what I understand.

What I need from you X1M owners is a report. I need information to pass along to the factory to correct problems or to improve the radio. PLEASE do not tell me things like it needs a built-in tuner or built-in 500 Hz CW filter, those ain't gonna happen. The basic radio is NOT going to change but quality control will get corrected and simple improvements are possible. One person suggested rubber feet. I thought of a front fold-down leg that would tilt the radio up in front. Give me your thoughts but don't be crazy.

Frequency jumping when using RIT. I notice this only happens with fast back-and-forth turning of the knob. There's no problem when turned slowly, one direction at a time. What do you see? These are the type of comments that will help improve this radio.

If you have a problem and you have the ability to troubleshoot it, I have no problem with you taking the radio apart and I will still honor the warranty. Hopefully you will be able to resolve the problem yourself. Here again, don't be crazy. Don't screw with it if you don't have at least a little clue of what you're doing. DO NOT REMOVE THE SILVER SCREW ON THE BOTTOM. This holds a nut against the power transistor and it will fall off if you remove the screw. In future models, I will try to get access to this screw blocked off.

Computer control. The factory has made an interface connector. I will try to get these shipped to me before the next shipment of radios are ready. Right now, these are still serial port connectors. I will try to get this changed to USB.

A schematic and block diagram of the radio is coming soon. I will provide this as soon as I get it.

That's all I can think of for now. Don't expect a quick reply to an email, there's about 500 in front of you.

73
Ed Griffin
ImportCommunications.com

324. Re: [X1M_QRP-Transceiver] After Dayton Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 17:01:12 UTC
From: Buddy Brannan
Topic: 323 Message: 324

Howdy,

If this radio will be firmware upgradable (even if not for DIY programming), this is fantastic.

Understanding that voice annunciation of parameters is likely impossible, and morse would be at least difficult, I'd suggest minimally high/low beep tones for on/off toggles, and a beep on the start of menus that wrap around that are set with rotary knobs. I understand this radio has knobs that click when turned, i.e. not a smooth tuning knob, which would actually be helpful for counting.

I'm still some intrigued by something on a Beagle Bone or Raspberry Pi or similar that would use Hamlib to interface with with a radio like this, then output settings and frequencies and confirmations and etc. through a software-based speech synthesizer like Espeak. More programming than I know how to do, but it would be motivation for me to learn.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On May 20, 2013, at 12:33 PM, "kingfish_stevens" <ed@...> wrote:

> As most of you know, the expected shipment of X1M radios got delivered in time for me to ship them out before leaving last Wednesday for Dayton. All on-hand orders were filled and the remaining radios were taken to Dayton. At least a dozen or more were sold there. At least 3 people reported on Saturday that they'd tried the radio Friday night, all with good results.
>
> As with any new product, there are going to be growing pains and the X1M is no exception. I will tell you that positive reports are running about 98% so far. You guys that have found glitches, just be patient and I will get them all resolved.
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> I was without email since Wednesday because of a home computer problem I couldn't resolve by long distance. So I may just now be reading your emails. I'm working through them.
>
> The factory is pleased that 100 radios have been sold so quickly. They are also aware of the problems that have been reported. More importantly, they are willing and anxious to resolve any problems. It will be the owners of this radio that will result in it being a really good radio in the end.
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> They are aware that poor assembly has caused some problems and they will fix that. They are aware of the reversed polarity for the keyer. That will be fixed by firmware, by me if needed. Yes, it seems that some things can be changed via firmware. And NO, it will not be a do-it-yourself project from what I understand.
>
> What I need from you X1M owners is a report. I need information to pass along to the factory to correct problems or to improve the radio. PLEASE do not tell me things like it

needs a built-in tuner or built-in 500 Hz CW filter, those ain't gonna happen. The basic radio is NOT going to change but quality control will get corrected and simple improvements are possible. One person suggested rubber feet. I thought of a front fold-down leg that would tilt the radio up in front. Give me your thoughts but don't be crazy.
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> Frequency jumping when using RIT. I notice this only happens with fast back-and-forth turning of the knob. There's no problem when turned slowly, one direction at a time. What do you see? These are the type of comments that will help improve this radio.
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> If you have a problem and you have the ability to troubleshoot it, I have no problem with you taking the radio apart and I will still honor the warranty. Hopefully you will be able to resolve the problem yourself. Here again, don't be crazy. Don't screw with it if you don't have at least a little clue of what you're doing. DO NOT REMOVE THE SILVER SCREW ON THE BOTTOM. This holds a nut against the power transistor and it will fall off if you remove the screw. In future models, I will try to get access to this screw blocked off.
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> Computer control. The factory has made an interface connector. I will try to get these shipped to me before the next shipment of radios are ready. Right now, these are still serial port connectors. I will try to get this changed to USB.
>
> A schematic and block diagram of the radio is coming soon. I will provide this as soon as I get it.
>
> That's all I can think of for now. Don't expect a quick reply to an email, there's about 500 in front of you.
>
> 73
> Ed Griffin
> ImportCommunications.com
>
>

325. Is there a list of issues?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 18:36:07 UTC
From: Arvo Rantinen
Topic: 325 Message: 325

Gang,

Reading back a couple pages worth of back-and-forths, I came up wondering if there is a list of issues for the X1M so I won't be bringing up dead matter as I get used to how things work?

So far I've got my own issues with the sidetone & level. Same as...

Couple other things every new radio's got, like birdies &c.

Don't understand how you can remove the board from the box without losening that screw but, hell, maybe there's a trick I ain't learned yet.

So far so good... Although no QSO yet. After I finish cleanin' the porch &c.

Nils W8IJN

326. Re: After Dayton Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 18:37:35 UTC
From: ab7kt@att.net
Topic: 323 Message: 326

I got a radio from you at Dayton.
Have made a half dozen contacts on it so far on both CW and SSB. Just worked France on 15 CW. So I got three states and three countries with it in about an hour of operation.

It seems that most of the problems I have encountered are already known. The keyer paddle wired backwards is frustrating. I have been unable to get it to work with HRD.....

But, all in all and interesting rig for the money.

Ken
AB8KT
Toronto, OHIO

--- In X1M_QRP-Transceiver@yahoogroups.com, "kingfish_stevens" <ed@...> wrote:
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> 73
> Ed Griffin
> ImportCommunications.com
>

327. RE: [X1M_QRP-Transceiver] Is there a list of issues?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 18:47:59 UTC
From: Fred VE3FAL
Topic: 325 Message: 327

To adjust the sidetone you do not need to remove the bottom screw.

Steve was able to get his done today so he can maybe tell the rest of you guys how he took his apart.

I took version 1 apart and recall the 4 screws on front and back had to come off and plates removed.

The tuning knob and on/off knob also come off and the push buttons remain in place.

Now, if I recall, and I say IF, the top cover should slide off, Steve please correct me if I am wrong..

Be careful with the on/off button as it is tighter that the tuning knob.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Arvo Rantinen
Sent: May 20, 2013 2:36 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Is there a list of issues?

Gang,

Reading back a couple pages worth of back-and-forths, I came up wondering if there is a list of issues for the X1M so I won't be bringing up dead matter as I get used to how things work?

So far I've got my own issues with the sidetone & level. Same as...

Couple other things every new radio's got, like birdies &c.

Don't understand how you can remove the board from the box without losening that screw but, hell, maybe there's a trick I ain't learned yet.

So far so good... Although no QSO yet. After I finish cleanin' the porch &c.

Nils W8IJN

328. RE: [X1M_QRP-Transceiver] Re: After Dayton Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 18:49:34 UTC
From: Fred VE3FAL
Topic: 323 Message: 328

Ken it requires a cable made by the manufacturer for HRD, these should be available soon.

Way to go on the contacts, I love the little rig myself.

Fred VE3FAL

In rainy, windy, wet, and road flooded Thunder Bay, Ontario

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ab7kt@...
Sent: May 20, 2013 2:38 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: After Dayton Update

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> 73
> Ed Griffin
> ImportCommunications.com
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329. RE: [X1M_QRP-Transceiver] Is there a list of issues?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 19:15:34 UTC
From: Steve Rish
Topic: 325 Message: 329

Thanks, Fred. The process was fairly simple. When I received the radio the sidetone was abnormally loud and very raspy....think it may have been from pure volume setting. This morning after seeing Fred's upload of the picture of the pot on the board I gave it a try. In the following order

Pop off the on/off and tuning knobs...they just pull off
Remove nuts and washers under the knobs
Remove the top and bottom allen screws(4)from the front and the top two from the rear panels
Carefully remove the front panel working around the small push buttons
Slide the top cover forward to remove exposing the circuit board
Id the pot Fred has posted in his uploaded photo
Couple notes: I found that the full range of movement from very loud to zero sidetone is about a quarter turn of the pot. Also as I was using a small metal Dollar Store screw driver I made the adjustments with radio off then turned back on to get a read....just didnt want to risk a short.
Reassemble is the reverseorder as disassembly
Now I have a much more pleasant side tone.

73

Steve

To: X1M_QRP-Transceiver@yahoogroups.com
From: flesnick@tbaytel.net
Date: Mon, 20 May 2013 14:47:59 -0400
Subject: RE: [X1M_QRP-Transceiver] Is there a list of issues?

To adjust the sidetone you do not need to remove the bottom screw… Steve was able to get his done today so he can maybe tell the rest of you guys how he took his apart. I took version 1 apart and recall the 4 screws on front and back had to come off and plates removed. The tuning knob and on/off knob also come off and the push buttons remain in place. Now, if I recall, and I say IF, the top cover should slide off, Steve please correct me if I am wrong…. Be careful with the on/off button as it is tighter that the tuning knob.
FredVE3FAL From: X1M_QRP-Transceiver@yahoogroups.com
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Nils W8IJN

330. Re: [X1M_QRP-Transceiver] After Dayton Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 19:20:07 UTC
From: M_AND_R_SHAREF
Topic: 323 Message: 330

TNX for your hard work. Mark/WQ8S

On Mon, May 20, 2013 at 12:33 PM, kingfish_stevens <ed@...> wrote:

> **
>
>
> As most of you know, the expected shipment of X1M radios got delivered in
> time for me to ship them out before leaving last Wednesday for Dayton. All
> on-hand orders were filled and the remaining radios were taken to Dayton.
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> also aware of the problems that have been reported. More importantly, they
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> They are aware that poor assembly has caused some problems and they will
> fix that. They are aware of the reversed polarity for the keyer. That will
> be fixed by firmware, by me if needed. Yes, it seems that some things can
> be changed via firmware. And NO, it will not be a do-it-yourself project
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> not tell me things like it needs a built-in tuner or built-in 500 Hz CW
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> possible. One person suggested rubber feet. I thought of a front fold-down
> leg that would tilt the radio up in front. Give me your thoughts but don't
> be crazy.
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> Frequency jumping when using RIT. I notice this only happens with fast
> back-and-forth turning of the knob. There's no problem when turned slowly,
> one direction at a time. What do you see? These are the type of comments

> that will help improve this radio.
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> If you have a problem and you have the ability to troubleshoot it, I have
> no problem with you taking the radio apart and I will still honor the
> warranty. Hopefully you will be able to resolve the problem yourself. Here
> again, don't be crazy. Don't screw with it if you don't have at least a
> little clue of what you're doing. DO NOT REMOVE THE SILVER SCREW ON THE
> BOTTOM. This holds a nut against the power transistor and it will fall off
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> A schematic and block diagram of the radio is coming soon. I will provide
> this as soon as I get it.
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> That's all I can think of for now. Don't expect a quick reply to an email,
> there's about 500 in front of you.
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> 73
> Ed Griffin
> ImportCommunications.com
>
>
>

331. RE: [X1M_QRP-Transceiver] Is there a list of issues?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 19:24:21 UTC
From: Fred VE3FAL
Topic: 325 Message: 331

Thanks Steve that is what I remember, so old timers has not fully kicked in.

Enjoy your radios gang.

Ed thanks for your efforts as well.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Steve Rish
Sent: May 20, 2013 3:16 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] Is there a list of issues?

Thanks, Fred. The process was fairly simple. When I received the radio the
sidetone was abnormally loud and very raspy....think it may have been from
pure volume setting. This morning after seeing Fred's upload of the picture
of the pot on the board I gave it a try. In the following order

Pop off the on/off and tuning knobs...they just pull off
Remove nuts and washers under the knobs
Remove the top and bottom allen screws(4)from the front and the top two
from the rear panels
Carefully remove the front panel working around the small push buttons
Slide the top cover forward to remove exposing the circuit board
Id the pot Fred has posted in his uploaded photo
Couple notes: I found that the full range of movement from very loud to
zero sidetone is about a quarter turn of the pot. Also as I was using a
small metal Dollar Store screw driver I made the adjustments with radio off
then turned back on to get a read....just didnt want to risk a short.
Reassemble is the reverseorder as disassembly
Now I have a much more pleasant side tone.

73

Steve

To: X1M_QRP-Transceiver@yahoogroups.com
From: flesnick@...
Date: Mon, 20 May 2013 14:47:59 -0400
Subject: RE: [X1M_QRP-Transceiver] Is there a list of issues?

To adjust the sidetone you do not need to remove the bottom screw.

Steve was able to get his done today so he can maybe tell the rest of you guys how he took his apart.

I took version 1 apart and recall the 4 screws on front and back had to come off and plates removed.

The tuning knob and on/off knob also come off and the push buttons remain in place.

Now, if I recall, and I say IF, the top cover should slide off, Steve please correct me if I am wrong..

Be careful with the on/off button as it is tighter that the tuning knob.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Arvo Rantinen
Sent: May 20, 2013 2:36 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Is there a list of issues?

Gang,

Reading back a couple pages worth of back-and-forths, I came up wondering if there is a list of issues for the X1M so I won't be bringing up dead matter as I get used to how things work?

So far I've got my own issues with the sidetone & level. Same as...

Couple other things every new radio's got, like birdies &c.

Don't understand how you can remove the board from the box without losening that screw but, hell, maybe there's a trick I ain't learned yet.

So far so good... Although no QSO yet. After I finish cleanin' the porch &c.

Nils W8IJN

332. Re: After Dayton Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 19:48:59 UTC
From: George C
Topic: 323 Message: 332

Good deal, Ed. Seems like the shell/case/external stuff came last. The boards are very nicely done, the TCXO is rock solid. The spurs I noted are probably going to be some bypassing at mic connector or power input, I betcha. Especially when they changed as I touched the cabinet while transmitting. So the large issue from what I see is the LSB carrier freq. It sits about 1khz INTO the passband. If you fix it and move it out of the passband then the frequency readout in LSB is off by the amount you moved it. And IF shifting doesn't fix it, TCXO freq doesn't do anything, and not sure what that one is for.

I got power up to 4W+ when I stuck 14.5 volts on it.

Worked someone in CA on 20 with a very broken antenna this end.

Take care, they are both nifty...

GeorgeC
W2DB

333. Re: After Dayton Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 20:14:17 UTC
From: ballardian36
Topic: 323 Message: 333

Hey Buddy,

I'm eyeing a similiar project only I'm looking to use the Arduino platform to talk to the rig. I'm thinking of making a remote head of sorts that way (with a nice big smooth knob!!) and a loop antenna automatic tuner type of project where it reads the frequency from the rig and changes the loop tuning accordingly. I'm hoping to incororporate a true SWR reading/final tunning into that project as well.

If I don't the get hte library working maybe I'll try it on a RaspberryPi -- I've been looking for a project on that board anyway.

So yeah -- I'm itching to get the pin outs and the cables to start playing!

I think doing a speech synth like that should be pretty straight forward with ham lib-- make the call, get hte info, run it through a speech package. Good starter project -- heck I'll see if there is a speech package for arduino and keep that in mind if I make a remote head package.

-Chris
KC8MUS

--- In X1M_QRP-Transceiver@yahoogroups.com, Buddy Brannan <buddy@...> wrote:
>
> Howdy,
>
> If this radio will be firmware upgradable (even if not for DIY programming), this is fantastic.
>
> Understanding that voice annunciation of parameters is likely impossible, and morse would be at least difficult, I'd suggest minimally high/low beep tones for on/off toggles, and a beep on the start of menus that wrap around that are set with rotary knobs. I understand this radio has knobs that click when turned, i.e. not a smooth tuning knob, which would actually be helpful for counting.
>
> I'm still some intrigued by something on a Beagle Bone or Raspberry Pi or similar that would use Hamlib to interface with with a radio like this, then output settings and frequencies and confirmations and etc. through a software-based speech synthesizer like Espeak. More programming than I know how to do, but it would be motivation for me to learn.
> --
> Buddy Brannan, KB5ELV - Erie, PA
> Phone: (814) 860-3194 or 888-75-BUDDY
>
>
>
> On May 20, 2013, at 12:33 PM, "kingfish_stevens" <ed@...> wrote:
>

> > As most of you know, the expected shipment of X1M radios got delivered in time for me to ship them out before leaving last Wednesday for Dayton. All on-hand orders were filled and the remaining radios were taken to Dayton. At least a dozen or more were sold there. At least 3 people reported on Saturday that they'd tried the radio Friday night, all with good results.
> >
> > As with any new product, there are going to be growing pains and the X1M is no exception. I will tell you that positive reports are running about 98% so far. You guys that have found glitches, just be patient and I will get them all resolved.
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> > I was without email since Wednesday because of a home computer problem I couldn't resolve by long distance. So I may just now be reading your emails. I'm working through them.
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> > The factory is pleased that 100 radios have been sold so quickly. They are also aware of the problems that have been reported. More importantly, they are willing and anxious to resolve any problems. It will be the owners of this radio that will result in it being a really good radio in the end.
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> > They are aware that poor assembly has caused some problems and they will fix that. They are aware of the reversed polarity for the keyer. That will be fixed by firmware, by me if needed. Yes, it seems that some things can be changed via firmware. And NO, it will not be a do-it-yourself project from what I understand.
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> > What I need from you X1M owners is a report. I need information to pass along to the factory to correct problems or to improve the radio. PLEASE do not tell me things like it needs a built-in tuner or built-in 500 Hz CW filter, those ain't gonna happen. The basic radio is NOT going to change but quality control will get corrected and simple improvements are possible. One person suggested rubber feet. I thought of a front fold-down leg that would tilt the radio up in front. Give me your thoughts but don't be crazy.
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about 500 in front of you.
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> > Ed Griffin
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>

334. 40m, 20m, 15m CW issues

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 23:00:15 UTC
From: Arvo Rantinen
Topic: 334 Message: 334

Gang,

Ok, maybe this has already been worked out but I have some interesting problems with what I can only call instability.

Noticed this yesterday & chalked it up to power supply. But after using a nicely regulated supply & even a battery supply, I am still finding the same troubles.

Happens on 40, 20 & 15. Noticed first on 40m but now seems to be on the two harmonics of 7 MHz too.

Turn on the radio. Key the tx on CW. Nice clean sounding note in another receiver (IC718), transmitting into a 50 Ohm 500W load (used by all the other HF rigs, so I trust that). Then within a few seconds of switch on, the CW tone becomes rough. And it appears not only on 7.001MHz but also up and down from that frequency, 10-odd kHz apart.

Turn off the rig. Wait a few seconds. Turn it back on, key some dits, same thing. Nice for a second or two then off into rough riders land. The change from clean to not so clean is almost immediate on 20m. On 15 it doesn't make much difference. Turn on, key, rough. Done.

Only thing I've done is open the box to try and adjust the sidetone level (from none to everything is the range I get out of less than a screwdriver blade width rotation).

Oh, and you can hear it do this on receive too. Hear a nice clean CW signal & then bleah. Birdies everywhere. Serious bad sounding AF, for want of anything else.

Reminds me of some experiences with a Chinese DDS VFO off eBay. (And the button functions on the X1M remind me of that particular VFO too. Maybe they's related?)

Ain't too sure this is the rig that's gonna go to the beach in a couple weeks.

Anyone have similar problem?

Nils
W8IJN

335. Preamp cutout at 7.150 MHz

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-20 23:30:53 UTC
From: kf9cm
Topic: 335 Message: 335

My first X1M was turned back in back in because of a intermittent drop out in the receive. My replacement radios preamp cuts out at 7.150MHz and below. When I come up to 7.150 the preamp comes back on. When the VFO hits that frequency I can hear a relay inside drop out. This does this on both A an B VFO on 40 meters only. I sure could use a schematic.

336. Re: [X1M_QRP-Transceiver] Re: After Dayton Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-21 00:57:12 UTC
From: Buddy Brannan
Topic: 323 Message: 336

Hi Chris,

Well, being a blind op, I'm definitely not a hardware hacker (especially with the teeny tiny parts, but anyway…) So if I want to do anything in the home-brew arena, I'm going to have to learn to do some programming. If we can work up some sort of hardware platform with a (Arduin, RPi, something), buttons for freq entry and adjustments, and voice or morse output, I'd be willing to play. What say you?
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On May 20, 2013, at 4:14 PM, "ballardian36" <kc8mus@...> wrote:

> Hey Buddy,
>
> I'm eyeing a similiar project only I'm looking to use the Arduino platform to talk to the rig. I'm thinking of making a remote head of sorts that way (with a nice big smooth knob!!) and a loop antenna automatic tuner type of project where it reads the frequency from the rig and changes the loop tuning accordingly. I'm hoping to incororporate a true SWR reading/final tunning into that project as well.
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> -Chris
> KC8MUS
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> --- In X1M_QRP-Transceiver@yahoogroups.com, Buddy Brannan <buddy@...> wrote:
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> > Howdy,
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> > If this radio will be firmware upgradable (even if not for DIY programming), this is fantastic.
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> > Phone: (814) 860-3194 or 888-75-BUDDY
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> > On May 20, 2013, at 12:33 PM, "kingfish_stevens" <ed@...> wrote:
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> > > 73
> > > Ed Griffin
> > > ImportCommunications.com
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>

337. Re: maybe a serious PA issue

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-21 02:01:45 UTC
From: Arvo Rantinen
Topic: 301 Message: 337

George & the rest,

Interesting. If I had a spectrum animalizer I'm pretty sure what I'm hearin' would be what your one picture show: spurs everywhere.

And I tried the laying on of hands. No miracles yet.

Looks like I've entered another one of those learning moments. Like learning to look before I plunk down $300 for a QRP radio.

We'll see . . .

Nils
W8IJN

338. X1M issue

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-21 02:21:18 UTC
From: nm5tw
Topic: 338 Message: 338

Gang,

Just got my new X1m. Only issue is it wont xmit on USB/LSB. Anyone else have this issue? I checked mic switch and is ok.

Thanks, Tom NM5TW

339. Re: X1M issue

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-21 03:25:27 UTC
From: Bob Knollman
Topic: 338 Message: 339

Just had this same problem...
A solder connection in the microphone plug had come loose. I soldered it up and reinforced the strain relief, and added some tape as insulation inside the connector.

It seems ok now...

Bob/KD8QZE

340. RE: [X1M_QRP-Transceiver] Preamp cutout at 7.150 MHz

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-21 09:44:24 UTC
From: Fred VE3FAL
Topic: 335 Message: 340

That is where the cutoff for the BPF is .Not much van be done about that.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kf9cm
Sent: May 20, 2013 7:31 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Preamp cutout at 7.150 MHz

My first X1M was turned back in back in because of a intermittent drop out
in the receive. My replacement radios preamp cuts out at 7.150MHz and below.
When I come up to 7.150 the preamp comes back on. When the VFO hits that
frequency I can hear a relay inside drop out. This does this on both A an B
VFO on 40 meters only. I sure could use a schematic.

341. Re: Preamp cutout at 7.150 MHz

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-21 10:04:50 UTC
From: kf9cm
Topic: 335 Message: 341

Thanks for the reply Fred,

Shouldn't the BPF cut-out at 7.000MHz? Then there's the relay sound.

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
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342. Re: [X1M_QRP-Transceiver] Re: Preamp cutout at 7.150 MHz

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-21 10:42:54 UTC
From: VE3FAL-Fred
Topic: 335 Message: 342

Filtering is set at the following, I will listen to mine again to see what it does.

Band 1: 3.5 ~ 3.9 MHz

Band 2: 7.0 ~ 7.15 MHz

Band 3: 14.0 ~ 14.5 MHz

Band 4: 21.0 ~ 21.45 MHz

Band 5: 28.0 ~ 29.7 MHz

Fred
CIW649/VE3FAL
CFARS Member
SATERN Member
SATERN Amateur Radio Liaison Officer Great Lakes Region
http://www.satern.org
DEC Amethyst District ARES
http://www.thunderbay.emergencyradio.ca/

On Tue, 21 May 2013 10:04:50 -0000
"kf9cm" <Gary@...> wrote:
Thanks for the reply Fred,

Shouldn't the BPF cut-out at 7.000MHz? Then there's the relay sound.

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343. Re: [X1M_QRP-Transceiver] Preamp cutout at 7.150 MHz

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-21 10:53:56 UTC
From: Mark Thompson
Topic: 335 Message: 343

They all do this. It even pointed this out in the specs. I agree, I wish it would go up to 7.300.
Thanks
Mark....KV8T
On May 20, 2013 7:32 PM, "kf9cm" <Gary@...> wrote:

> **
>
>
> My first X1M was turned back in back in because of a intermittent drop out
> in the receive. My replacement radios preamp cuts out at 7.150MHz and
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344. Re: Preamp cutout at 7.150 MHz

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-21 11:07:24 UTC
From: kf9cm
Topic: 335 Message: 344

Thank's for clearing this up Fred,

I was concerned because the noise level dropped down. I guess it's because the band width is narrowed.

TNX de Gary, KF9CM

--- In X1M_QRP-Transceiver@yahoogroups.com, "VE3FAL-Fred" <flesnick@...> wrote:
>
> Filtering is set at the following, I will listen to mine again to see what it
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> Thanks for the reply Fred,
>
> Shouldn't the BPF cut-out at 7.000MHz? Then there's the relay sound.
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@>
> wrote:
> >
> > That is where the cutoff for the BPF is .Not much van be done about that.
> >
> >
> >

> >
> >
> > Fred
> >
> > VE3FAL
> >
> >
> >
> > From: X1M_QRP-Transceiver@yahoogroups.com
> > [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kf9cm
> > Sent: May 20, 2013 7:31 PM
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Subject: [X1M_QRP-Transceiver] Preamp cutout at 7.150 MHz
> >
> >
> >
> >
> >
> > My first X1M was turned back in back in because of a intermittent drop out
> > in the receive. My replacement radios preamp cuts out at 7.150MHz and below.
> > When I come up to 7.150 the preamp comes back on. When the VFO hits that
> > frequency I can hear a relay inside drop out. This does this on both A an B
> > VFO on 40 meters only. I sure could use a schematic.
> >
>

345. Re: Preamp cutout at 7.150 MHz

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-21 15:22:29 UTC
From: Tim W4YN
Topic: 335 Message: 345

Maybe there is country/region difference and US rigs need a firmware change. Mine does same thing.
Tim W4YN

--- In X1M_QRP-Transceiver@...m, "kf9cm" <Gary@...> wrote:
>
> Thanks for the reply Fred,
>
> Shouldn't the BPF cut-out at 7.000MHz? Then there's the relay sound.
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@> wrote:
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> > > My first X1M was turned back in back in because of a intermittent drop out
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> > > frequency I can hear a relay inside drop out. This does this on both A an B
> > > VFO on 40 meters only. I sure could use a schematic.
> > >
>

346. Re: [X1M_QRP-Transceiver] Re: Preamp cutout at 7.150 MHz

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-21 15:50:12 UTC
From: Tim
Topic: 335 Message: 346

It should be a trivial firmware change to move the switch points of the BPFilters. <unless> there is something in the RF chain that actually needs to have additional filtering.

Hopefully, the firmware can be re-loaded via the back DB-9 connector.

If there aren't any technical issues with the update, it would be nice for it to change at slightly different spots so there's not a click-click as you cross back & forth across the boundary. i.e. change at 7.005 going up, and 6995 going down.

my 2c

Tim W5FN

> Maybe there is country/region difference and US rigs need a firmware change. Mine does same thing.
> Tim W4YN
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "kf9cm" <Gary@...> wrote:
>

347. I'm not intreasted at this time "Because".

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-21 17:08:39 UTC
From: Dean Smart
Topic: 347 Message: 347

Hi all.....
I joined this group to get involved with a new lightweight backpack style transceiver.
I think my expectations were hopeful this would be a decent radio for my upcoming trip.
After hearing the chatter about this unit. I can see it would be good to pass for my "needs". It would be nothing than heartache to be 50 miles in the wilderness with such a temperamental toy. The Chinese knew what they were saying when they called it a "toy". (correct translation) Where you fiddle with it to get it running and then at the quality of a "China toy" always needing a fix.

Bless all you for your time and investment I hope they pay you well for doing all the product testing.
My brother was involved with a product that i will not post and the prototypes were exceptional. When the $100,000 purchase went in the skill level from engineers to production was totally different.
this really effected them and there place in the market.

So a big thanks but no thanks. There is going to be an expense to get this unit correct. Engineering could be the best but the production line is not at the level of concern for the consumer.

I have great compassion for all you tinkerers that have invested with this toy. I don't have the skill or the time to makeup for a non-performing rig. I am reminded that I was in trouble thinking $300 would give me an $800 style transceiver.

This is not to point any fingers it will work out in time but my 300 investment is better spent towards a finished product and not towards an "idea" product.

Not sure i will stay on this group but good luck on this adventure.
Dean

348. That spurry signal problem again

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-21 17:27:56 UTC
From: Arvo Rantinen
Topic: 348 Message: 348

Gang,

First, figuring that a good ol' eyeball inspection might help, I took the beast apart. Down to the little screw lets the RF tranny slide out the box. Then inspection with the magnifyin' loup. Couple possibly cold slobber joints but nothin' big.

Did notice the two VRs on the bottom board (7805 & 7809, if memory serves) were kinda bypassed weird but left that undisturbed by the disturbed mind.

So I put it all back together, tightened down the screws & fired the puppy up. Tuned my Sony SWL rx (SW7600) to the VFO freq & listened. Over the next minute & some, I could hear the rise of the spurry sig. So I blew on the top of the board . . . near the IC marked AD9851. Spurs gone. Wait, there they are again! So I took the tip of a screwdriver & laid it atop that IC. Noooo problem. Remove the screwdriver (now heat sink) and there's that spurry thing again.

Then. . . always touch something with your bare paws to see if it's hot.

Ya' think? Yep. Hot. So then I find the 5V line goes to that IC power pin. It's sittin' there quite happy at 4.98, even after the VFO goes to spursville. Hmmm. . . Part's gettin' hot. What could possibly cause a heat-up? And what amount of heat sink is needed? And why would I need a heat sink at all?

Good ol' SMD. Save space. No place for the heat, if you don't mind not askin' why the IC gets that hot anyway. Got some bar stock. Glue a heat sink on that sucker. Right?

Nils
W8IJN

349. Re: [X1M_QRP-Transceiver] That spurry signal problem again

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-21 17:46:12 UTC
From: Auto_Prof1
Topic: 348 Message: 349

Depending on the device size and location, I've had success with using various sized paperclips as sinks.

From: Arvo Rantinen <nilsyoung@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, May 21, 2013 1:27 PM
Subject: [X1M_QRP-Transceiver] That spurry signal problem again

Gang,

First, figuring that a good ol' eyeball inspection might help, I took the beast apart. Down to the little screw lets the RF tranny slide out the box. Then inspection with the magnifyin' loup. Couple possibly cold slobber joints but nothin' big.

Did notice the two VRs on the bottom board (7805 & 7809, if memory serves) were kinda bypassed weird but left that undisturbed by the disturbed mind.

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Ya' think? Yep. Hot. So then I find the 5V line goes to that IC power pin. It's sittin' there quite happy at 4.98, even after the VFO goes to spursville. Hmmm. . . Part's gettin' hot. What could possibly cause a heat-up? And what amount of heat sink is needed? And why would I need a heat sink at all?

Good ol' SMD. Save space. No place for the heat, if you don't mind not askin' why the IC gets that hot anyway. Got some bar stock. Glue a heat sink on that sucker. Right?

Nils
W8IJN

350. Re: After Dayton Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-21 18:02:24 UTC
From: ballardian36
Topic: 323 Message: 350

I say ALL ABOARD!

My time is going to be split coming up here but I'm totally intersted in this type of project. I did some poking around arduino vs raspberry pi and didn't find an obvious answer -- the arduino is easier for knobs and buttons but the raspberry pi is easier for speech. So it goes. The other negative to the arduino is I have to write/find a library to talk via CAT commands so it might be more of a pi place to start anyway.

How do you imagine the buttons working for freq input, etc?

--- In X1M_QRP-Transceiver@yahoogroups.com, Buddy Brannan <buddy@...> wrote:
>
> Hi Chris,
>
> Well, being a blind op, I'm definitely not a hardware hacker (especially with the teeny tiny parts, but anyway) So if I want to do anything in the home-brew arena, I'm going to have to learn to do some programming. If we can work up some sort of hardware platform with a (Arduin, RPi, something), buttons for freq entry and adjustments, and voice or morse output, I'd be willing to play. What say you?
> --
> Buddy Brannan, KB5ELV - Erie, PA
> Phone: (814) 860-3194 or 888-75-BUDDY
>
>
>
> On May 20, 2013, at 4:14 PM, "ballardian36" <kc8mus@...> wrote:
>
> > Hey Buddy,
> >
> > I'm eyeing a similiar project only I'm looking to use the Arduino platform to talk to the rig. I'm thinking of making a remote head of sorts that way (with a nice big smooth knob!!) and a loop antenna automatic tuner type of project where it reads the frequency from the rig and changes the loop tuning accordingly. I'm hoping to incororporate a true SWR reading/final tunning into that project as well.
> >
> > If I don't the get hte library working maybe I'll try it on a RaspberryPi -- I've been looking for a project on that board anyway.
> >
> > So yeah -- I'm itching to get the pin outs and the cables to start playing!
> >
> > I think doing a speech synth like that should be pretty straight forward with ham lib-- make the call, get hte info, run it through a speech package. Good starter project -- heck I'll see if there is a speech package for arduino and keep that in mind if I make a remote head package.
> >
> > -Chris
> > KC8MUS
> >

> > --- In X1M_QRP-Transceiver@yahoogroups.com, Buddy Brannan <buddy@> wrote:
> > >
> > > Howdy,
> > >
> > > If this radio will be firmware upgradable (even if not for DIY programming), this is fantastic.
> > >
> > > Understanding that voice annunciation of parameters is likely impossible, and morse would be at least difficult, I'd suggest minimally high/low beep tones for on/off toggles, and a beep on the start of menus that wrap around that are set with rotary knobs. I understand this radio has knobs that click when turned, i.e. not a smooth tuning knob, which would actually be helpful for counting.
> > >
> > > I'm still some intrigued by something on a Beagle Bone or Raspberry Pi or similar that would use Hamlib to interface with with a radio like this, then output settings and frequencies and confirmations and etc. through a software-based speech synthesizer like Espeak. More programming than I know how to do, but it would be motivation for me to learn.
> > > --
> > > Buddy Brannan, KB5ELV - Erie, PA
> > > Phone: (814) 860-3194 or 888-75-BUDDY
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> > >
> > >
> > > On May 20, 2013, at 12:33 PM, "kingfish_stevens" <ed@> wrote:
> > >
> > > > As most of you know, the expected shipment of X1M radios got delivered in time for me to ship them out before leaving last Wednesday for Dayton. All on-hand orders were filled and the remaining radios were taken to Dayton. At least a dozen or more were sold there. At least 3 people reported on Saturday that they'd tried the radio Friday night, all with good results.
> > > >
> > > > As with any new product, there are going to be growing pains and the X1M is no exception. I will tell you that positive reports are running about 98% so far. You guys that have found glitches, just be patient and I will get them all resolved.
> > > >
> > > > I was without email since Wednesday because of a home computer problem I couldn't resolve by long distance. So I may just now be reading your emails. I'm working through them.
> > > >
> > > > The factory is pleased that 100 radios have been sold so quickly. They are also aware of the problems that have been reported. More importantly, they are willing and anxious to resolve any problems. It will be the owners of this radio that will result in it being a really good radio in the end.
> > > >
> > > > They are aware that poor assembly has caused some problems and they will fix that. They are aware of the reversed polarity for the keyer. That will be fixed by firmware, by me if needed. Yes, it seems that some things can be changed via firmware. And NO, it will not be a do-it-yourself project from what I understand.
> > > >
> > > > What I need from you X1M owners is a report. I need information to pass along to the factory to correct problems or to improve the radio. PLEASE do not tell me things like it needs a built-in tuner or built-in 500 Hz CW filter, those ain't gonna happen. The basic radio is NOT going to change but quality control will get corrected and simple improvements are possible. One person suggested rubber feet. I thought of a front fold-down leg that would tilt the radio up in front. Give me your thoughts but don't be crazy.
> > > >

> > > > Frequency jumping when using RIT. I notice this only happens with fast back-and-forth turning of the knob. There's no problem when turned slowly, one direction at a time. What do you see? These are the type of comments that will help improve this radio.
> > > >
> > > > If you have a problem and you have the ability to troubleshoot it, I have no problem with you taking the radio apart and I will still honor the warranty. Hopefully you will be able to resolve the problem yourself. Here again, don't be crazy. Don't screw with it if you don't have at least a little clue of what you're doing. DO NOT REMOVE THE SILVER SCREW ON THE BOTTOM. This holds a nut against the power transistor and it will fall off if you remove the screw. In future models, I will try to get access to this screw blocked off.
> > > >
> > > > Computer control. The factory has made an interface connector. I will try to get these shipped to me before the next shipment of radios are ready. Right now, these are still serial port connectors. I will try to get this changed to USB.
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> > > > A schematic and block diagram of the radio is coming soon. I will provide this as soon as I get it.
> > > >
> > > > That's all I can think of for now. Don't expect a quick reply to an email, there's about 500 in front of you.
> > > >
> > > > 73
> > > > Ed Griffin
> > > > ImportCommunications.com
> > > >
> > > >
> > >
> >
> >
>

351. Re: That spurry signal problem again

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-21 21:22:46 UTC
From: Arvo Rantinen
Topic: 348 Message: 351

I got an email from Ed Griffin asking for a photo of the offending chip. So I sent him one. I'll try to post the pic on the appropriate archive.

I've worked with a couple Chinese issue DDS VFOs & they too have a serious heat exchange problem. I don't understand how some of this stuff works, set at the pre-bleeding edge of the incision.

For the moment I'm gonna superglue a penny on the IC (with appropriate insulation [cardboard]) so it'll smoke better when it gets too hot.

And maybe a hole or two in the top of the case over the IC so it gets heat exchange.

Flashback to the IC706 heat/fan issue some folks get all wonked out of shape about.

73

Nils
W8IJN

352. Re: [X1M_QRP-Transceiver] Re: After Dayton Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-21 22:10:01 UTC
From: Buddy Brannan
Topic: 323 Message: 352

Howdy,

I guess that would depend somewhat on what's available for inputs. I mean, if we were to do rPi, probably something even as simple as a USB numeric keypad would work. I *think* that someone got Hamlib to compile on RPi, too, which is great, since it has Icom support, so lots of the work is done. I think.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On May 21, 2013, at 2:02 PM, "ballardian36" <kc8mus@arrl.net> wrote:

> I say ALL ABOARD!
>
> My time is going to be split coming up here but I'm totally intersted in this type of project. I did some poking around arduino vs raspberry pi and didn't find an obvious answer -- the arduino is easier for knobs and buttons but the raspberry pi is easier for speech. So it goes. The other negative to the arduino is I have to write/find a library to talk via CAT commands so it might be more of a pi place to start anyway.
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> --- In X1M_QRP-Transceiver@yahoogroups.com, Buddy Brannan <buddy@...> wrote:
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> >
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> > > Hey Buddy,
> > >
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> > > > On May 20, 2013, at 12:33 PM, "kingfish_stevens" <ed@> wrote:
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> > > > > As most of you know, the expected shipment of X1M radios got delivered in time for me to ship them out before leaving last Wednesday for Dayton. All on-hand orders were filled and the remaining radios were taken to Dayton. At least a dozen or more were sold there. At least 3 people reported on Saturday that they'd tried the radio Friday night, all with good results.
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resolve by long distance. So I may just now be reading your emails. I'm working through them.
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> > > > > What I need from you X1M owners is a report. I need information to pass along to the factory to correct problems or to improve the radio. PLEASE do not tell me things like it needs a built-in tuner or built-in 500 Hz CW filter, those ain't gonna happen. The basic radio is NOT going to change but quality control will get corrected and simple improvements are possible. One person suggested rubber feet. I thought of a front fold-down leg that would tilt the radio up in front. Give me your thoughts but don't be crazy.
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353. Re: That spurry signal problem again

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-22 00:03:20 UTC
From: Arvo Rantinen
Topic: 348 Message: 353

Gang,

I have the X1M boxed up again. Superglued a piece of tin sheet across the top of the AD9851 VFO IC to dissipate the heat that was driving the VFO to squirrelliness. Spur signals. Whatever.

The heatsink is tabbed so the top cover slides over it & makes nominal contact with the top cover. That spreads the heat around even more.

With just the heat sink, the chip would just get to the edge of going nuts. Fanning air over it, the output went back to what you want to call normal. Thus the idea of having the top cover slide across it.

Adding that picture to the trove. I get industrious I'll get on the air . . . provided things stay "stable."

73

Nils
W8IJN

354. SSB issue

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-22 02:29:16 UTC
From: nm5tw
Topic: 354 Message: 354

Gang,

My X1M works FB on CW.On SSB I cold not get it to xmit. After moving the rubber housing on the 1/8 in plug back a bit,it works FB, but you also have to find the sweet spot when plugged in. I think the issue is that there is too much tolerance between the female/male plug. So, if you can't get your X1M to work on SSB, be suspicious of the mike plug.

73, NM5TW

355. Re: That spurry signal problem again

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-22 11:53:53 UTC
From: Tim W4YN
Topic: 348 Message: 355

You can get copper chip heat sinks with heat transfer double sided tape off E-bay I had to use some for another DDS heat generator chip that was getting quite warm (hot!) When I get home tonight I will post a picture of them and the package they came in, quite cheap from China.Tim O W4YN

--- In X1M_QRP-Transceiver@yahoogroups.com, "Arvo Rantinen" <nilsyoung@...> wrote:
>
> I got an email from Ed Griffin asking for a photo of the offending chip. So I sent him one. I'll try to post the pic on the appropriate archive.
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> I've worked with a couple Chinese issue DDS VFOs & they too have a serious heat exchange problem. I don't understand how some of this stuff works, set at the pre-bleeding edge of the incision.
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> For the moment I'm gonna superglue a penny on the IC (with appropriate insulation [cardboard]) so it'll smoke better when it gets too hot.
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> And maybe a hole or two in the top of the case over the IC so it gets heat exchange.
>
> Flashback to the IC706 heat/fan issue some folks get all wonked out of shape about.
>
> 73
>
> Nils
> W8IJN
>

356. Re: SSB issue

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-22 20:05:15 UTC
From: ab7kt@att.net
Topic: 354 Message: 356

I was going to post the same thing but decided it was just a dumb mistake on my part.

I initally couldn't get mine to transmit on SSB, then I realized that I didn't have the mic connector in the jack all the way. I didn't have to modify anything, I just pushed harder and it went in.

--- In X1M_QRP-Transceiver@yahoogroups.com, "nm5tw" <nm5tw@...> wrote:
>
> Gang,
>
> My X1M works FB on CW.On SSB I cold not get it to xmit. After moving the rubber housing on the 1/8 in plug back a bit,it works FB, but you also have to find the sweet spot when plugged in. I think the issue is that there is too much tolerance between the female/male plug. So, if you can't get your X1M to work on SSB, be suspicious of the mike plug.
>
> 73, NM5TW
>

357. Re: That spurry signal problem again

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-23 11:08:31 UTC
From: Tim W4YN
Topic: 348 Message: 357

The ones I had were too tall, milled one down to .100 and case barley missed touching it, will try one just a tad thicker tonight.
Tim W4YN

--- In X1M_QRP-Transceiver@yahoogroups.com, "Tim W4YN" <w4yn@...> wrote:
>
> You can get copper chip heat sinks with heat transfer double sided tape off E-bay I had to use some for another DDS heat generator chip that was getting quite warm (hot!) When I get home tonight I will post a picture of them and the package they came in, quite cheap from China.Tim O W4YN
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Arvo Rantinen" <nilsyoung@> wrote:
> >
> > I got an email from Ed Griffin asking for a photo of the offending chip. So I sent him one. I'll try to post the pic on the appropriate archive.
> >
> > I've worked with a couple Chinese issue DDS VFOs & they too have a serious heat exchange problem. I don't understand how some of this stuff works, set at the pre-bleeding edge of the incision.
> >
> > For the moment I'm gonna superglue a penny on the IC (with appropriate insulation [cardboard]) so it'll smoke better when it gets too hot.
> >
> >
> > And maybe a hole or two in the top of the case over the IC so it gets heat exchange.
> >
> > Flashback to the IC706 heat/fan issue some folks get all wonked out of shape about.
> >
> > 73
> >
> > Nils
> > W8IJN
> >
>

358. X1M Cable for HRD

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-23 19:26:14 UTC
From: ChristopherG
Topic: 358 Message: 358

So let me get this straight. We have the radios, we have the program, but now we need a cable that does not exist yet to make em work together?

359. Re: [X1M_QRP-Transceiver] X1M Cable for HRD

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-23 19:31:56 UTC
From: Mark Thompson
Topic: 358 Message: 359

? I have had mine for over 3 weeks now and not a single problem. Working a lot of DX with it. I wonder if it is a certain batch that went out with the problems?
On May 23, 2013 3:26 PM, "ChristopherG" <cgoodman1980@...> wrote:

> **
>
>
> So let me get this straight. We have the radios, we have the program, but
> now we need a cable that does not exist yet to make em work together?
>
>
>

360. X1M Power Question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-23 19:32:13 UTC
From: George Andrews
Topic: 360 Message: 360

Group,

The manual indicates 9.6 to 14.5 VDC. Mine does not like anything less than 11.45 VDC. It starts to howl with less. Anyone have one that works below 11.45 VDC? .

George

N1YAE

361. Re: That spurry signal problem again

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-24 11:57:00 UTC
From: Arvo Rantinen
Topic: 348 Message: 361

Y'all,

So am I the only one with a heat/VCO problem or have others noticed that this chip (AD9851) gets a bit warm to the touch?

And if so, how many other folks have found that cooling the VCO IC cleans up the signal on rx or tx?

I'm pretty sure I've seen this IC before in DDS VFOs or somewhere & that it does get hot. Which would mean either I have one that's on the edge of acceptable or others are just lucky & have cooler environments in which to play radio. If just blowin' on the board (which is how I discovered it) is enough, well . . .

73

Nils
W8IJN

362. Re: [X1M_QRP-Transceiver] Re: That spurry signal problem again

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-24 12:00:34 UTC
From: Mark Thompson
Topic: 348 Message: 362

After seeing this I took the top cover off mine last night. That chip gets hot. Not sure if it was you or someone else said they superglued a penny to the top of the chip. I did this and it seems to disapate the heat. We'll see hoe it works.
73
Mark
On May 24, 2013 7:57 AM, "Arvo Rantinen" <nilsyoung@...> wrote:

> **
>
>
> Y'all,
>
> So am I the only one with a heat/VCO problem or have others noticed that
> this chip (AD9851) gets a bit warm to the touch?
>
> And if so, how many other folks have found that cooling the VCO IC cleans
> up the signal on rx or tx?
>
> I'm pretty sure I've seen this IC before in DDS VFOs or somewhere & that
> it does get hot. Which would mean either I have one that's on the edge of
> acceptable or others are just lucky & have cooler environments in which to
> play radio. If just blowin' on the board (which is how I discovered it) is
> enough, well . . .
>
> 73
>
> Nils
> W8IJN
>
>
>

363. Re: That spurry signal problem again

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-24 14:10:01 UTC
From: Tim W4YN
Topic: 348 Message: 363

The AD9851 does run hot, very hot, it is designed to take this. There was extensive debate in another group over heat issues on this chip and it seems the Mfg has taken this into account with design. I also used thermal tape and chunk of copper just to be safe though.
Tim

--- In X1M_QRP-Transceiver@yahoogroups.com, Mark Thompson <mhtent@...> wrote:
>
> After seeing this I took the top cover off mine last night. That chip gets
> hot. Not sure if it was you or someone else said they superglued a penny to
> the top of the chip. I did this and it seems to disapate the heat. We'll
> see hoe it works.
> 73
> Mark
> On May 24, 2013 7:57 AM, "Arvo Rantinen" <nilsyoung@...> wrote:
>
> > **
> > >
> > >
> > Y'all,
> > >
> > So am I the only one with a heat/VCO problem or have others noticed that
> > this chip (AD9851) gets a bit warm to the touch?
> > >
> > And if so, how many other folks have found that cooling the VCO IC cleans
> > up the signal on rx or tx?
> > >
> > I'm pretty sure I've seen this IC before in DDS VFOs or somewhere & that
> > it does get hot. Which would mean either I have one that's on the edge of
> > acceptable or others are just lucky & have cooler environments in which to
> > play radio. If just blowin' on the board (which is how I discovered it) is
> > enough, well . . .
> > >
> > 73
> > >
> > Nils
> > W8IJN
> > >
> > >
> > >
>

364. Re: X1M Cable for HRD

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-24 14:36:22 UTC
From: ballardian36
Topic: 358 Message: 364

What kind of cable are you using Mark to make this work?

--- In X1M_QRP-Transceiver@yahoogroups.com, Mark Thompson <mhtent@...> wrote:
>
> ? I have had mine for over 3 weeks now and not a single problem. Working a
> lot of DX with it. I wonder if it is a certain batch that went out with the
> problems?
> On May 23, 2013 3:26 PM, "ChristopherG" <cgoodman1980@...> wrote:
>
> > **
> >
> >
> > So let me get this straight. We have the radios, we have the program, but
> > now we need a cable that does not exist yet to make em work together?
> >
> >
> >
> >
>

365. Re: [X1M_QRP-Transceiver] Re: X1M Cable for HRD

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-24 14:46:29 UTC
From: Mark Thompson
Topic: 358 Message: 365

I have not used HRD with mine. Just opperating it as is. Supposidly an
interface cable is in the works.
On May 24, 2013 10:36 AM, "ballardian36" <kc8mus@...> wrote:

> **
>
>
> What kind of cable are you using Mark to make this work?
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, Mark Thompson <mhtent@...>
> wrote:
> >
> > ? I have had mine for over 3 weeks now and not a single problem. Working
> a
> > lot of DX with it. I wonder if it is a certain batch that went out with
> the
> > problems?
> > On May 23, 2013 3:26 PM, "ChristopherG" <cgoodman1980@...> wrote:
> >
> > > **
> > >
> > >
> > > So let me get this straight. We have the radios, we have the program,
> but
> > > now we need a cable that does not exist yet to make em work together?
> > >
> > >
> > >
> > >
> >
>
>
>

366. Re: X1M Cable for HRD

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-24 16:10:51 UTC
From: ballardian36
Topic: 358 Message: 366

Oh Ok. I misread that as you had been usings yours with HRD for 3 months with no problems. I thought you had an open secret I was missing. Thanks and sorry about that.

--- In X1M_QRP-Transceiver@yahoogroups.com, Mark Thompson <mhtent@...> wrote:
>
> I have not used HRD with mine. Just opperating it as is. Supposidly an
> interface cable is in the works.
> On May 24, 2013 10:36 AM, "ballardian36" <kc8mus@...> wrote:
>
> > **
> >
> >
> > What kind of cable are you using Mark to make this work?
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, Mark Thompson <mhtent@>
> > wrote:
> > >
> > > ? I have had mine for over 3 weeks now and not a single problem. Working
> > a
> > > lot of DX with it. I wonder if it is a certain batch that went out with
> > the
> > > problems?
> > > On May 23, 2013 3:26 PM, "ChristopherG" <cgoodman1980@> wrote:
> > >
> > > > **
> > > >
> > > >
> > > > So let me get this straight. We have the radios, we have the program,
> > but
> > > > now we need a cable that does not exist yet to make em work together?
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367. Re: After Dayton Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-24 16:14:08 UTC
From: ballardian36
Topic: 323 Message: 367

I think your right Buddy. I'm going to start a seperate thread along the lines of homebrewing interfaces with Icom CI-V to move this discussion to.

I'll post my thoughts over there but I do agree I think most of the work is done.

--- In X1M_QRP-Transceiver@yahoogroups.com, Buddy Brannan <buddy@...> wrote:
>
> Howdy,
>
> I guess that would depend somewhat on what's available for inputs. I mean, if we were to do rPi, probably something even as simple as a USB numeric keypad would work. I *think* that someone got Hamlib to compile on RPi, too, which is great, since it has Icom support, so lots of the work is done. I think.
> --
> Buddy Brannan, KB5ELV - Erie, PA
> Phone: (814) 860-3194 or 888-75-BUDDY
>
>
>
> On May 21, 2013, at 2:02 PM, "ballardian36" <kc8mus@...> wrote:
>
> > I say ALL ABOARD!
> >
> > My time is going to be split coming up here but I'm totally intersted in this type of project. I did some poking around arduino vs raspberry pi and didn't find an obvious answer -- the arduino is easier for knobs and buttons but the raspberry pi is easier for speech. So it goes. The other negative to the arduino is I have to write/find a library to talk via CAT commands so it might be more of a pi place to start anyway.
> >
> > How do you imagine the buttons working for freq input, etc?
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, Buddy Brannan <buddy@> wrote:
> > >
> > > Hi Chris,
> > >
> > > Well, being a blind op, I'm definitely not a hardware hacker (especially with the teeny tiny parts, but anyway) So if I want to do anything in the home-brew arena, I'm going to have to learn to do some programming. If we can work up some sort of hardware platform with a (Arduin, RPi, something), buttons for freq entry and adjustments, and voice or morse output, I'd be willing to play. What say you?
> > > --
> > > Buddy Brannan, KB5ELV - Erie, PA
> > > Phone: (814) 860-3194 or 888-75-BUDDY
> > >
> > >
> > >
> > > On May 20, 2013, at 4:14 PM, "ballardian36" <kc8mus@> wrote:

> > >
> > > > Hey Buddy,
> > > >
> > > > I'm eyeing a similiar project only I'm looking to use the Arduino platform to talk to the rig. I'm thinking of making a remote head of sorts that way (with a nice big smooth knob!!) and a loop antenna automatic tuner type of project where it reads the frequency from the rig and changes the loop tuning accordingly. I'm hoping to incororporate a true SWR reading/final tunning into that project as well.
> > > >
> > > > If I don't the get hte library working maybe I'll try it on a RaspberryPi -- I've been looking for a project on that board anyway.
> > > >
> > > > So yeah -- I'm itching to get the pin outs and the cables to start playing!
> > > >
> > > > I think doing a speech synth like that should be pretty straight forward with ham lib-- make the call, get hte info, run it through a speech package. Good starter project -- heck I'll see if there is a speech package for arduino and keep that in mind if I make a remote head package.
> > > >
> > > > -Chris
> > > > KC8MUS
> > > >
> > > > --- In X1M_QRP-Transceiver@yahoogroups.com, Buddy Brannan <buddy@> wrote:
> > > > >
> > > > > Howdy,
> > > > >
> > > > > If this radio will be firmware upgradable (even if not for DIY programming), this is fantastic.
> > > > >
> > > > > Understanding that voice annunciation of parameters is likely impossible, and morse would be at least difficult, I'd suggest minimally high/low beep tones for on/off toggles, and a beep on the start of menus that wrap around that are set with rotary knobs. I understand this radio has knobs that click when turned, i.e. not a smooth tuning knob, which would actually be helpful for counting.
> > > > >
> > > > > I'm still some intrigued by something on a Beagle Bone or Raspberry Pi or similar that would use Hamlib to interface with with a radio like this, then output settings and frequencies and confirmations and etc. through a software-based speech synthesizer like Espeak. More programming than I know how to do, but it would be motivation for me to learn.
> > > > > --
> > > > > Buddy Brannan, KB5ELV - Erie, PA
> > > > > Phone: (814) 860-3194 or 888-75-BUDDY
> > > > >
> > > > >
> > > > >
> > > > > On May 20, 2013, at 12:33 PM, "kingfish_stevens" <ed@> wrote:
> > > > >
> > > > > > As most of you know, the expected shipment of X1M radios got delivered in time for me to ship them out before leaving last Wednesday for Dayton. All on-hand orders were filled and the remaining radios were taken to Dayton. At least a dozen or more were sold there. At least 3 people reported on Saturday that they'd tried the radio Friday night, all with good results.
> > > > > >
> > > > > > As with any new product, there are going to be growing pains and the X1M is no exception. I will tell you

that positive reports are running about 98% so far. You guys that have found glitches, just be patient and I will get them all resolved.
> > > > > >
> > > > > > I was without email since Wednesday because of a home computer problem I couldn't resolve by long distance. So I may just now be reading your emails. I'm working through them.
> > > > > >
> > > > > > The factory is pleased that 100 radios have been sold so quickly. They are also aware of the problems that have been reported. More importantly, they are willing and anxious to resolve any problems. It will be the owners of this radio that will result in it being a really good radio in the end.
> > > > > >
> > > > > > They are aware that poor assembly has caused some problems and they will fix that. They are aware of the reversed polarity for the keyer. That will be fixed by firmware, by me if needed. Yes, it seems that some things can be changed via firmware. And NO, it will not be a do-it-yourself project from what I understand.
> > > > > >
> > > > > > What I need from you X1M owners is a report. I need information to pass along to the factory to correct problems or to improve the radio. PLEASE do not tell me things like it needs a built-in tuner or built-in 500 Hz CW filter, those ain't gonna happen. The basic radio is NOT going to change but quality control will get corrected and simple improvements are possible. One person suggested rubber feet. I thought of a front fold-down leg that would tilt the radio up in front. Give me your thoughts but don't be crazy.
> > > > > >
> > > > > > Frequency jumping when using RIT. I notice this only happens with fast back-and-forth turning of the knob. There's no problem when turned slowly, one direction at a time. What do you see? These are the type of comments that will help improve this radio.
> > > > > >
> > > > > > If you have a problem and you have the ability to troubleshoot it, I have no problem with you taking the radio apart and I will still honor the warranty. Hopefully you will be able to resolve the problem yourself. Here again, don't be crazy. Don't screw with it if you don't have at least a little clue of what you're doing. DO NOT REMOVE THE SILVER SCREW ON THE BOTTOM. This holds a nut against the power transistor and it will fall off if you remove the screw. In future models, I will try to get access to this screw blocked off.
> > > > > >
> > > > > > Computer control. The factory has made an interface connector. I will try to get these shipped to me before the next shipment of radios are ready. Right now, these are still serial port connectors. I will try to get this changed to USB.
> > > > > >
> > > > > > A schematic and block diagram of the radio is coming soon. I will provide this as soon as I get it.
> > > > > >
> > > > > > That's all I can think of for now. Don't expect a quick reply to an email, there's about 500 in front of you.
> > > > > >
> > > > > > 73
> > > > > > Ed Griffin
> > > > > > ImportCommunications.com
> > > > > > >
> > > > > > >
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>

368. Homebrew Interfaces via Computer Control

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-24 16:19:14 UTC
From: ballardian36
Topic: 368 Message: 368

Just a thread for anyone thinking about homebrewing an interface for the x1m through the icom ci-v command set.

I'm looking at using an arduino but the raspberry pi also seems like a good start.

Buddy -- I think you are right -- going raspberrypi, espeak, and hamlib, + a usb 10 key is probably a great place to start with for what you are talking about doing. I'm thinking python is a good language to start in I think speak and hamlib both support it and it doesn't have to be compiled (but it can).

I'm leisurely throwing together a dev environment no on a rpi but a standard box to see what I can see and play with it a bit. Of course not much we can really do until the cables come in or we get a schematic.

369. Re: [X1M_QRP-Transceiver] Homebrew Interfaces via Computer Control

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-24 16:32:59 UTC
From: Buddy Brannan
Topic: 368 Message: 369

I'm thinking that if the Linux FTDI chip set driver is available for the RPi, that would mean one less interface headache, since USB to serial adapters could be used to go from the radio to whatever, since the other endif whatever cable we end up gutting will expect a PC at the other end.

I'll have to look into that, but if you get something together, let me know about the pieces you put together and I'll play along. (Especially if I don't have to solder anything, LOL) Because I've also got some stuff I want to do with the Elecraft KX3 in a similar vein, but that will be even easier since it just uses plain text commands sent over a serial port.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On May 24, 2013, at 12:19 PM, "ballardian36" <kc8mus@...> wrote:

> Just a thread for anyone thinking about homebrewing an interface for the x1m through the icom ci-v command set.
>
> I'm looking at using an arduino but the raspberry pi also seems like a good start.
>
> Buddy -- I think you are right -- going raspberrypi, espeak, and hamlib, + a usb 10 key is probably a great place to start with for what you are talking about doing. I'm thinking python is a good language to start in I think speak and hamlib both support it and it doesn't have to be compiled (but it can).
>
> I'm leisurely throwing together a dev environment no on a rpi but a standard box to see what I can see and play with it a bit. Of course not much we can really do until the cables come in or we get a schematic.
>
>

370. Re: [X1M_QRP-Transceiver] Homebrew Interfaces via Computer Control

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-24 18:30:20 UTC
From: Stephen Black
Topic: 368 Message: 370

On 5/24/2013 12:32 PM, Buddy Brannan wrote:
> I'm thinking that if the Linux FTDI chip set driver is available for the RPi, that would mean one less interface headache, since USB to serial adapters could be used to go from the radio to whatever, since the other endif whatever cable we end up gutting will expect a PC at the other end.
Someone correct me if I'm wrong but doesn't the Raspberry Pi have the
option of an add on serial port? Steve KB1CHU

371. Re: Homebrew Interfaces via Computer Control

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-24 22:17:30 UTC
From: ballardian36
Topic: 368 Message: 371

I agree I hope the x1m uses a standard TTL level serial adaptor that we can use what we've got around to make it virtual com on the raspberrypi and then straight into the x1m. (I also hope this because it makes the arduino easyyyy).

I played today and got a basic setup working (Sans the x1m ironically) I was using Zorin (Ubuntu 12.04 OS) with hamlib, espeak, speech dispatcher, python, and Eric's Python IDE. Hamlib, espeak, and Eric's python IDE I had to install (I'm not sure I can walk you through exactly which packages I used at this time it was a bit confusing and I might have added hamlib from a ppa or I might have just found it in the normal repository).

Speech dispatcher (http://devel.freebsoft.org/speechd) seemed to have already been installed by the time I went looking for it. Not sure if it came with my OS install or if something else I installed did the trick.

As proof of concept I used hamlib's built in 'virtual test rig' and used that to call information out of. The script starts and reads the current frequency and mode outloud. Then it waits for input. At this time I have the following setup:

+[enter key] = read current operating frequency outloud
-[enter key] = read current operating mode outloud
++[enter key] = change frequency input requested
--[enter key] = change mode
any other key = try again

the script will just complete the task and then go back to waiting for input.

Off the top of my head I was keeping the number keys open for input and using the other leys /,*,-,+ as 'function' keys of a 10 key to keep it simple for now. Also, with the simple input function I was playing with you have to hit enter after your 'selection'. I haven't really tried to send/set the frequency in the rig yet as it doesn't make sense to even test that on the fake rig... I'll play with that when we get the x1m cable.

The script is currently really messy and not commented (or very commented out as I worked from examples and removed code). But I can upload it if you are interested in playing with it. It is just a .py text file and any python IDE should work with if you have the right bits installed (I think).

Let me know if your are thinking of a different method of inputing things to get results -- differnet keys, or combinations or whatever. Shouldn't be to hard to change.

-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, Buddy Brannan <buddy@...> wrote:
>
> I'm thinking that if the Linux FTDI chip set driver is available for the RPi, that would mean one less interface headache, since USB to serial adapters could be used to go from the radio to whatever, since the other endif whatever cable we end up gutting will expect a PC

at the other end.
>
> I'll have to look into that, but if you get something together, let me know about the pieces you put together and I'll play along. (Especially if I don't have to solder anything, LOL) Because I've also got some stuff I want to do with the Elecraft KX3 in a similar vein, but that will be even easier since it just uses plain text commands sent over a serial port.
> --
> Buddy Brannan, KB5ELV - Erie, PA
> Phone: (814) 860-3194 or 888-75-BUDDY
>
>
>
> On May 24, 2013, at 12:19 PM, "ballardian36" <kc8mus@...> wrote:
>
> > Just a thread for anyone thinking about homebrewing an interface for the x1m through the icom ci-v command set.
> >
> > I'm looking at using an arduino but the raspberry pi also seems like a good start.
> >
> > Buddy -- I think you are right -- going raspberrypi, espeak, and hamlib, + a usb 10 key is probably a great place to start with for what you are talking about doing. I'm thinking python is a good language to start in I think speak and hamlib both support it and it doesn't have to be compiled (but it can).
> >
> > I'm leisurely throwing together a dev environment no on a rpi but a standard box to see what I can see and play with it a bit. Of course not much we can really do until the cables come in or we get a schematic.
> >
> >
>

372. Re: [X1M_QRP-Transceiver] Re: Homebrew Interfaces via Computer Control

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-24 22:40:34 UTC
From: Buddy Brannan
Topic: 368 Message: 372

Howdy,

I don't have one either, and I still have to learn python. Actually, was wondering about the Pi, do you have one? Thinking I may just get a Pi plus case, power adapter (or maybe just one of those little USB battery packs) and get going. So did you do this stuff on the Pi or with a regular Linux box? I actually have a Linux machine at my disposal, so I can get started with learning python. Right along with learning asterisk dial plans :)
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On May 24, 2013, at 6:17 PM, "ballardian36" <kc8mus@...> wrote:

> I agree I hope the x1m uses a standard TTL level serial adaptor that we can use what we've got around to make it virtual com on the raspberrypi and then straight into the x1m. (I also hope this because it makes the arduino easyyyy).
>
> I played today and got a basic setup working (Sans the x1m ironically) I was using Zorin (Ubuntu 12.04 OS) with hamlib, espeak, speech dispatcher, python, and Eric's Python IDE. Hamlib, espeak, and Eric's python IDE I had to install (I'm not sure I can walk you through exactly which packages I used at this time it was a bit confusing and I might have added hamlib from a ppa or I might have just found it in the normal repository).
>
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373. Re: Homebrew Interfaces via Computer Control

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-24 22:57:00 UTC
From: ballardian36
Topic: 368 Message: 373

Haha I don't have a pi either :) I'm just doing this on a standard linux install first. I too and learning python right now on the fly :) It isn't to bad so far -- a couple syntax bits I keep forgeting.

I do have an arduino but no pi at this time :) If we get it working on the linux box the next key to port to pi will be getting the right libraries installed on the pi (or compiled if we are unlucky). I suspect it isn't going to be that hard -- I'm using pretty standard stuff.

So it goes.

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> On May 24, 2013, at 6:17 PM, "ballardian36" <kc8mus@...> wrote:
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> > I agree I hope the x1m uses a standard TTL level serial adaptor that we can use what we've got around to make it virtual com on the raspberrypi and then straight into the x1m. (I also hope this because it makes the arduino easyyyy).
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>

374. Rotary Encoder

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-24 23:48:10 UTC
From: dyarnes1
Topic: 374 Message: 374

Hi All,

I'm trying to help a new owner check out his X1M. My first impression is that the encoder is either faulty or of poor quality. This one seems to be frozen almost. It will not rotate freely, and depressing it to change to the alternative feature does not work at all now. It worked for a bit, then stopped all together. The owner said he noticed some change over time as well.

Has anyone else experienced this? I'd also like to know how other encoders seem to function. Are they relatively free acting (as just about all other rotary encoders I've used), or does it tend to be sticky and stiff?

Mechanically, I don't know if there is anything you can do about an encoder that exhibits this problem.

Dave W7AQK

375. Re: [X1M_QRP-Transceiver] Re: Homebrew Interfaces via Computer Control

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-24 23:53:23 UTC
From: Buddy Brannan
Topic: 368 Message: 375

Hi,

I expect you're right, it shouldn't be too awful. I know there's someone who got ham lib going on a Pi, and I know speak works too since there's a distro that has emacspeak baked in, and that needs speak or something to work. I understand python is easy enough; I haven't done anything since annoying my computer lit teachers in high school and a semester in college of pascal, and that was, what, 20 years ago? I think the most challenging bit for me will be getting the indents right, because they tell me that the tabs and spaces actually matter.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On May 24, 2013, at 6:57 PM, "ballardian36" <kc8mus@...> wrote:

> Haha I don't have a pi either :) I'm just doing this on a standard linux install first. I too and learning python right now on the fly :) It isn't to bad so far -- a couple syntax bits I keep forgeting.
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> I do have an arduino but no pi at this time :) If we get it working on the linux box the next key to port to pi will be getting the right libraries installed on the pi (or compiled if we are unlucky). I suspect it isn't going to be that hard -- I'm using pretty standard stuff.
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376. RE: [X1M_QRP-Transceiver] Rotary Encoder

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-25 14:06:01 UTC
From: Fred VE3FAL
Topic: 374 Message: 376

Yes you need to put a piece of paper in the encoder knob to bring it out a bit to allow the pressing of the switch to change bands.. The encoder rotary issue I have had no problems with.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of dyarnes1
Sent: May 24, 2013 7:48 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Rotary Encoder

Hi All,

I'm trying to help a new owner check out his X1M. My first impression is that the encoder is either faulty or of poor quality. This one seems to be frozen almost. It will not rotate freely, and depressing it to change to the alternative feature does not work at all now. It worked for a bit, then stopped all together. The owner said he noticed some change over time as well.

Has anyone else experienced this? I'd also like to know how other encoders seem to function. Are they relatively free acting (as just about all other rotary encoders I've used), or does it tend to be sticky and stiff?

Mechanically, I don't know if there is anything you can do about an encoder that exhibits this problem.

Dave W7AQK

377. Re: Homebrew Interfaces via Computer Control

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-25 17:35:55 UTC
From: George C
Topic: 368 Message: 377

The db-9 pins are at either zero volts or +5 (ok, +4.93 in my case)with the exception of one pin that either ahs some sort of analog info...or more likely is real high impedance something because the voltage is always different and when looking at it I can watch it go down...

So, probably TTL. I may start guessing serial parameters and goof with some of the pins. Since it may turn out that cable info isn't available, though I'd surely expect that should be provided.

I don't like buying pre made cables when I can put one together myself.

GeorgeC

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378. Re: Rotary Encoder

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-25 17:37:35 UTC
From: George C
Topic: 374 Message: 378

I found another instance of this, but it was because the CW key contact was "made" (plug shorted) During that short the encoder did odd things.

GeorgeC

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
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> that exhibits this problem.
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> Dave W7AQK
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379. Re: That spurry signal problem again

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-25 18:38:11 UTC
From: Arvo Rantinen
Topic: 348 Message: 379

Well if it's "designed to take" the heat, the one I've got ain't that high on the evolutionary scale yet . . . or is outright defective.

Had the rig on 20m this morning after a nice chat with a guy down the road on 40m. Noticed straight off that the VFO had gone all spread spectrum on me. Turned it off & back on. Got the same heat-related unlock on 20m, even with the heat sink & top cover &c, that I'd gotten on 40, which had led to the discovery in the first place.

Was wishin' I had a way to record the diff as I listen to the VFO on another receiver so I could send it to either the vendor, mfg or both.

Truth up, it's kinda frustrating to have spent this much on a radio that's more temperamental than a sociopath four year old. Can't trust it one way or the other. And I'm not in the mood for hassling with sending it back or messin' with it any more. I simply don't need the frustration. So back in a box it goes.

73

Nils
W8IJN

380. Re: Homebrew Interfaces via Computer Control

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-25 18:57:48 UTC
From: ballardian36
Topic: 368 Message: 380

Excellent info George! Glad to hear it likely TTL. I too would rather build a cable -- I've been building and altering cable for all my rigs recently. I ordered a few bare board TTL convertors from ebay I'd like to use.

I expect it to follow Icom's CI-V protocl which should just be a single line for TX/RX (bound togther) and a single line for ground. At least that is how the CI-V bus seems to be wired.

But its possible it has it's own magical break out from that 2 wire to a different wire arrangement. When I pulled off the case I tried to follow the traces on the board to see what I could see and nothing was illuminated.

-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, "George C" <george@...> wrote:
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> The db-9 pins are at either zero volts or +5 (ok, +4.93 in my case)with the exception of one pin that either ahs some sort of analog info...or more likely is real high impedance something because the voltage is always different and when looking at it I can watch it go down...
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> > ++[enter key] = change frequency input requested
> > --[enter key] = change mode
> > any other key = try again
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> > the script will just complete the task and then go back to waiting for input.
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> > Off the top of my head I was keeping the number keys open for input and using the other leys /,*,-,+ as 'function' keys of a 10 key to keep it simple for now. Also, with the simple input function I was playing with you have to hit enter after your 'selection'. I haven't really tried to send/set the frequency in the rig yet as it doesn't make sense to even test that on the fake rig... I'll play with that when we get the x1m cable.
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> > Let me know if your are thinking of a different method of inputing things to get results -- differnet keys, or combinations or whatever. Shouldn't be to hard to change.
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> > -Chris
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, Buddy Brannan <buddy@> wrote:
> > >
> > > I'm thinking that if the Linux FTDI chip set driver is available for the RPi, that would mean one less interface headache, since USB to serial adapters could be used to go from the radio to whatever, since the other endif whatever cable we end up gutting will expect a PC at the other end.
> > >
> > > I'll have to look into that, but if you get something together, let me know about the pieces you put together and I'll play along. (Especially if I don't have to solder anything, LOL) Because I've also got some stuff I want to do with the Elecraft KX3 in a similar vein, but that will be even easier since it just uses plain text commands sent over a serial port.
> > > --
> > > Buddy Brannan, KB5ELV - Erie, PA
> > > Phone: (814) 860-3194 or 888-75-BUDDY
> > >
> > >
> > >
> > > On May 24, 2013, at 12:19 PM, "ballardian36" <kc8mus@> wrote:
> > >
> > > > Just a thread for anyone thinking about homebrewing an interface for the x1m through the icom ci-v command set.

> > > >
> > > > I'm looking at using an arduino but the raspberry pi also seems like a good start.
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> > > > Buddy -- I think you are right -- going raspberrypi, espeak, and hamlib, + a usb 10 key is probably a great place to start with for what you are talking about doing. I'm thinking python is a good language to start in I think speak and hamlib both support it and it doesn't have to be compiled (but it can).
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> > > >
> > > >
> > >
> > >
>

381. Re: Homebrew Interfaces via Computer Control

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-25 20:05:13 UTC
From: ballardian36
Topic: 368 Message: 381

Also -- if you haven't seen them yet there ar ea few CI-V test programs that send a single command and see what the response is. Might be good for probing the wires instead of going all out on HRD.

http://www.plicht.de/ekki/software/index.html

Dos based -- http://www.plicht.de/ekki/software/cmdline.html

HEX command based -- http://www.plicht.de/ekki/software/civtest.html

Once I get the pin outs working I was planning on using the HEX one to walk through the Icom command set to really see exactly which commands the x1m supports of the 718's command set.
-C
--- In X1M_QRP-Transceiver@yahoogroups.com, "George C" <george@...> wrote:
>
>
> The db-9 pins are at either zero volts or +5 (ok, +4.93 in my case)with the exception of one pin that either ahs some sort of analog info...or more likely is real high impedance something because the voltage is always different and when looking at it I can watch it go down...
>
> So, probably TTL. I may start guessing serial parameters and goof with some of the pins. Since it may turn out that cable info isn't available, though I'd surely expect that should be provided.
>
> I don't like buying pre made cables when I can put one together myself.
>
> GeorgeC
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "ballardian36" <kc8mus@> wrote:
> >
> > I agree I hope the x1m uses a standard TTL level serial adaptor that we can use what we've got around to make it virtual com on the raspberrypi and then straight into the x1m. (I also hope this because it makes the arduino easyyyy).
> >
> > I played today and got a basic setup working (Sans the x1m ironically) I was using Zorin (Ubuntu 12.04 OS) with hamlib, espeak, speech dispatcher, python, and Eric's Python IDE. Hamlib, espeak, and Eric's python IDE I had to install (I'm not sure I can walk you through exactly which packages I used at this time it was a bit confusing and I might have added hamlib from a ppa or I might have just found it in the normal repository).
> >
> > Speech dispatcher (http://devel.freebsoft.org/speechd) seemed to have already been installed by the time I went looking for it. Not sure if it came with my OS install or if something else I installed did the trick.
> >

> > As proof of concept I used hamlib's built in 'virtual test rig' and used that to call information out of. The script starts and reads the current frequency and mode outloud. Then it waits for input. At this time I have the following setup:
> >
> > +[enter key] = read current operating frequency outloud
> > -[enter key] = read current operating mode outloud
> > ++[enter key] = change frequency input requested
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> > > >
> > > >
> > >
> > >
>

382. Dayton purchase

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-27 00:01:53 UTC
From: sbjohnston@...
Topic: 382 Message: 382

Happy Sunday everyone...

I bought an X1M transceiver at the Dayton show last weekend. This week gave it a try and could receive nothing. Then I turned on another receiver with the same results - hardly any signals anywhere in HF bands. I guess there must have been a solar flare or other propagation problem.

I checked the transceiver on a service monitor - rx sensitivity is about 0.5 uV and output was about 4 watts. On SSB the carrier suppression didn't seem as good as I'd like - rough estimate of -35 dB by eyeballing the little spectrum scope on the monitor..

The adjustment of the signal frequency relative to the filter in LSB mode is pretty far off, making everything sounds very dull and muffled. As-is, I would consider this rig to be unusable on lower sideband. USB and CW seem fine.

Steve WD8DAS

sbjohnston@...
http://www.wd8das.net/

Radio is your best entertainment value.
---

383. Re: [X1M_QRP-Transceiver] Dayton purchase

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-27 00:57:18 UTC
From: Charlie , W5COV
Topic: 382 Message: 383

Thanks for the post Steve . I wish everyone that owns one or who was involved in the Beta testing of it would post their comments and experiences , both good and bad .

There just doesn't seem to be a whole lot of in depth information out there anywhere about the rig and its quirks and also its strong points .

I ordered one last night , but am not really sure from the USA web page as to exactly when it will ship . I do expect there to be a few bugs in it as with any new rig , but knowing as much as possible about the rig in advance , we will know what to expect the present "normal state" is .

Also I have not seen any warranty information on it .

Another question is the oscillator frequency for the AD-9851 . Since it covers 10 meters , I am kind of surprised that it doesn't also go on up to 6 meters . Most of the AD-9850's that I have , use a 125 MHz. oscillator module and I have seen guys squeeze them up to 6 meters .

It looks like it is going to be a rig that will see a LOT of additional ham changes , additions and accessories for .

I had just made an attempt to buy a non ND , FT-817 , over the weekend . The fellow never got back to me when he said he would , so I went ahead and ordered one of these . It appears even better suited for all of my experiments , than the FT-817 , so I "think" I got lucky . I wasn't looking at the 817 for the ham bands we have now , but to use on MF and LF bands , that are presently part 5 or part 15 experimental bands , plus it will allow me to use it as an IF rig for my transverters for those frequencies .

Anyone else with one with additional comments so far ?

Best 73 ,

Charlie , W5COV

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>
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> week gave it a try and could receive nothing. Then I turned on
> another receiver with the sameresults - hardly any signals anywhere in
> HF bands. I guess there must have been a solar flare or other
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> about 0.5 uV and output was about 4 watts. On SSB the carrier

> suppression didn't seem as good as I'd like - rough estimate of -35 dB
> by eyeballing the little spectrum scope on the monitor..
>
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> mode is pretty far off, making everything sounds very dull and
> muffled. As-is, I would consider this rig to be unusable on lower
> sideband. USB and CW seem fine.
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> Steve WD8DAS
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> Radio is your best entertainment value.
> ---
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>
>

384. RE: [X1M_QRP-Transceiver] Dayton purchase

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-27 01:13:07 UTC
From: Fred VE3FAL
Topic: 382 Message: 384

Yes I agree and have said the same thing, Ed is reading and listening to the comments and has made some suggestions to the builders and designers of the X1M.

This unit has lots of potential and with minor tweeks I think we can see some great portable operations.

I have posted all of my findings, to the files section and even posted the August 2012 first review and the April 2013 review.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: May 26, 2013 8:57 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Dayton purchase

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Steve WD8DAS

sbjohnston@...
http://www.wd8das.net/

Radio is your best entertainment value.
---

385. Re: Dayton purchase

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-27 02:52:59 UTC
From: Arvo Rantinen
Topic: 382 Message: 385

Charlie,

Interesting that you were after an FT817. I had mine out in the yard this morning playing with the AlexLoop I won at the QRP banquet (which was a surprise, you bet).

I'd kinda stopped messin' with the '817 'cause I got kinda tired of pushing buttons to go to menus & move things around. After having played with the X1M long enough to get really frustrated with it, I found the '817 exceptionally easy to use. Yeah, even the keyer was nice . . . but I can chalk that up more to the Begali Simplex paddles (which are strangely more controllable with my essential tremor than any other paddles I've used).

If I hadn't called a "back-in-the-box" truce messin' with the X1M I'd take it out in the yard tomorrow and see if I would be less impressed.

Think I'll sit back and pet the yard cats.

73

Nils

386. Re: [X1M_QRP-Transceiver] Re: Dayton purchase

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-27 03:25:16 UTC
From: Charlie , W5COV
Topic: 382 Message: 386

Hi Nils ,

Well I hope I don't regret the decision to go ahead and buy one of the X1M's . I really would have preferred it to be in kit form along with open source codes . That way I could have really customized it just the way that I wanted it . But I can't do hardly any surface mount soldering because of tremors or I would have built my own .

I am pretty much home bound and an old bachelor , so I spend all the time that I want building no matter what time day or night that it is .

Yes I was looking for just the old non ND FT-817 , that could have even had bad finals in it to make it easier to experiment with a lot of things that I build , but need a fairly decent radio that I can use as the IF for . I have an FT-857D so I know what you mean about the menus and the frustration .

What do you think of the AlexLoop ?? I spend almost all of my time these days , designing , building and operating from just above DC through about 2 MHz.

When I get my X1M , it might just frustrate me enough that we will have to get together and provide therapy for each other . <grin>

Here's hoping you and it get along better together and that the darned thing works out for both of us.

73 ,
Charlie
>
>
>
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>
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> this morning playing with the AlexLoop I won at the QRP banquet (which
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> take it out in the yard tomorrow and see if I would be less impressed.
>
> Think I'll sit back and pet the yard cats.
>
> 73
>
> Nils
>
>

387. For Sale. X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-27 22:26:11 UTC
From: Papadad
Topic: 387 Message: 387

For sale. X1M rig, mic, booklet. $285 shipped to your door. Continental USA only. Less than 30 minutes of indoor use. Ping me privately by email if interested.

This is my own unit, tested working properly and will be hand carried from my qth here in china to usa on Saturday June 1 .

Pics on request. If not sold here, will go on qrz.com or ebay so grab it now !!

388. Re: Homebrew Interfaces via Computer Control

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-29 19:12:07 UTC
From: ballardian36
Topic: 368 Message: 388

Yeah the indents are driving me nuts! Not bad just like REALLY? Ha

What features are the most important for you to access? So far I have frequency read and write, mode read and write. I'll work on adding the ones you want next when I play again.

-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, Buddy Brannan <buddy@...> wrote:
>
> Hi,
>
> I expect you're right, it shouldn't be too awful. I know there's someone who got ham lib going on a Pi, and I know speak works too since there's a distro that has emacspeak baked in, and that needs speak or something to work. I understand python is easy enough; I haven't done anything since annoying my computer lit teachers in high school and a semester in college of pascal, and that was, what, 20 years ago? I think the most challenging bit for me will be getting the indents right, because they tell me that the tabs and spaces actually matter.
> --
> Buddy Brannan, KB5ELV - Erie, PA
> Phone: (814) 860-3194 or 888-75-BUDDY
>
>
>
> On May 24, 2013, at 6:57 PM, "ballardian36" <kc8mus@...> wrote:
>
> > Haha I don't have a pi either :) I'm just doing this on a standard linux install first. I too and learning python right now on the fly :) It isn't to bad so far -- a couple syntax bits I keep forgeting.
> >
> > I do have an arduino but no pi at this time :) If we get it working on the linux box the next key to port to pi will be getting the right libraries installed on the pi (or compiled if we are unlucky). I suspect it isn't going to be that hard -- I'm using pretty standard stuff.
> >
> > So it goes.
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, Buddy Brannan <buddy@> wrote:
> > >
> > > Howdy,
> > >
> > > I don't have one either, and I still have to learn python. Actually, was wondering about the Pi, do you have one? Thinking I may just get a Pi plus case, power adapter (or maybe just one of those little USB battery packs) and get going. So did you do this stuff on the Pi or with a regular Linux box? I actually have a Linux machine at my disposal, so I can get started with learning python. Right along with learning asterisk dial plans :)

> > > --
> > > Buddy Brannan, KB5ELV - Erie, PA
> > > Phone: (814) 860-3194 or 888-75-BUDDY
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> > > On May 24, 2013, at 6:17 PM, "ballardian36" <kc8mus@> wrote:
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> > > > As proof of concept I used hamlib's built in 'virtual test rig' and used that to call information out of. The script starts and reads the current frequency and mode outloud. Then it waits for input. At this time I have the following setup:
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> > > >

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> > > > > --
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> >
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389. Re: That spurry signal problem again

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-31 12:33:23 UTC
From: w9rws
Topic: 348 Message: 389

I can usually go about 2 hours before my goes wacky, but its in a cool environment. Got the LSB sounding OK now anyway by dropping the injection frequency a few hundred Hz and retuning.
Will try some ventilation and heatsinking and hope for the best...

Dick
w9rws

--- In X1M_QRP-Transceiver@yahoogroups.com, "Arvo Rantinen" <nilsyoung@...> wrote:
>
> Y'all,
>
> So am I the only one with a heat/VCO problem or have others noticed that this chip (AD9851) gets a bit warm to the touch?
>
> And if so, how many other folks have found that cooling the VCO IC cleans up the signal on rx or tx?
>
> I'm pretty sure I've seen this IC before in DDS VFOs or somewhere & that it does get hot. Which would mean either I have one that's on the edge of acceptable or others are just lucky & have cooler environments in which to play radio. If just blowin' on the board (which is how I discovered it) is enough, well . . .
>
> 73
>
> Nils
> W8IJN
>

390. Re: [X1M_QRP-Transceiver] Re: That spurry signal problem again

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-31 13:02:45 UTC
From: Charlie , W5COV
Topic: 348 Message: 390

Hi Dick ,

Still not much information out there that I have been able to find .
Mine is on order , but looks like it won't ship until the middle of June .

Can you provide , even off list , some more details about the nitty
gritty of the rig .

I am curious what frequency oscillator that they are using with the
AD9851 .

Another question is on the rear apron they appear to have a jack for
either headphones or an external speaker . Could you fill me in which it
is for ?

Can a person set the BFO frequency ? Do you happen to know what the
default frequency is ? How is it as a QRP CW rig ? How close can one
comfortably operate to another station ?

I am just trying to get an idea as to what accessories that I might want
to build to use with it . It would be nice to see a schematic of it and
also perhaps what the menus contain . All I have seen is the 7 page
instruction manual , which tells me very little . It looks like I have
plenty of time to build up a few accessories if I just had more
information .

Have you tried to control it with HRD yet ?

Sorry for all of the questions , but I really would like to know more
about just how the radio operates and what I might want to add .

I don't know how many people have one yet , but I do wish they would
publish their experiences with the rig , good , bad , or otherwise .

BTW is the current draw on receive as high as they list it and is that
with or without the back light on ? (I guess the display is also the
only indicator whether the rig is on or off from the pictures.)

Thank you .
Best 73 ,
Charlie , W5COV
>
> I can usually go about 2 hours before my goes wacky, but its in a cool
> environment. Got the LSB sounding OK now anyway by dropping the
> injection frequency a few hundred Hz and retuning.
> Will try some ventilation and heatsinking and hope for the best...
>
> Dick

> w9rws
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, "Arvo Rantinen"
> <nilsyoung@...> wrote:
> >
> > Y'all,
> >
> > So am I the only one with a heat/VCO problem or have others noticed
> that this chip (AD9851) gets a bit warm to the touch?
> >
> > And if so, how many other folks have found that cooling the VCO IC
> cleans up the signal on rx or tx?
> >
> > I'm pretty sure I've seen this IC before in DDS VFOs or somewhere &
> that it does get hot. Which would mean either I have one that's on the
> edge of acceptable or others are just lucky & have cooler environments
> in which to play radio. If just blowin' on the board (which is how I
> discovered it) is enough, well . . .
> >
> > 73
> >
> > Nils
> > W8IJN
> >
>
>

391. RE: [X1M_QRP-Transceiver] Re: That spurry signal problem again

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-31 18:09:47 UTC
From: Fred VE3FAL
Topic: 348 Message: 391

Dick what was the steps you took to get the LSB to frequency? Just so others have an idea as to what you had done since I think they all have the same issue on LSB.

Did you adjust from the setting in the radio menu or actually from the radio innards ?

If from the menu what was your default setting and then the setting after you were done?

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of w9rws
Sent: May 31, 2013 8:33 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: That spurry signal problem again

I can usually go about 2 hours before my goes wacky, but its in a cool environment. Got the LSB sounding OK now anyway by dropping the injection frequency a few hundred Hz and retuning.
Will try some ventilation and heatsinking and hope for the best...

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w9rws

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> Nils
> W8IJN
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392. Observations/Ideas on the X1M - 1st post

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-31 19:22:17 UTC
From: pal350
Topic: 392 Message: 392

This is info I've already sent to Ed at Import Comm. I went to their booth at Dayton on Sunday to buy an X1M but they'd already taken off. Ed had a few left, one of which he sent, and I got it a few days ago. My immediate observations and impressions are shown below.

Included is a first shot at a canned procedure for getting the settings correct.

Are any of you guys experiencing the unwanted spur at the dial freek + 9.0 MHz as outlined below?

The single best thing they could do is add the rest of the U.S. 40 and 80m bands to the filtered coverage, IF the filters are wide enough.

--Mark Francis
KI0PF

Author of "Mil Spec Radio Gear Volume 2"
available direct from the author,
$28 cash/check/MO including postage,
$29.17 via Paypal, both within U.S.
(foreign buyers please contact me).
Signed by request.

Excerpt here:
http://www.mmfrancis.com/MSRG2/MSRG2.pdf

Also available from:
Universal Radio
http://www.universal-radio.com/catalog/books/3495.html
Fair Radio Sales
https://www.fairradio.com/catalog.php?mode=viewitem&item=6569
Electric Radio
http://www.ermag.com/index.cfm?v_link=product_detail&v_key=415

****

Volume 1 is still available direct from
CQ Magazine at a reduced price,
http://store.cq-amateur-radio.com/Detail.bok?no=113
Universal Radio,
http://www.universal-radio.com/catalog/books/0415.html
and
Amazon.com

~*~

Sent to Ed:

Most important concern: the apparent lack of transmit path filtering anywhere outside the five bands "configured separately with optimized filters". Like I mentioned before, it looks like that latter statement means there's NO filtering outside those ranges. The problem manifests itself with an obvious symptom: output from the transmitter in USB or LSB when the PTT is pressed and NO modulation is present. I thought it was a carrier balance problem at first.

I've found that the unwanted output is always 9 MHz above the indicated frequency. That is, if I have the radio set to 3.996 and key the mike in LSB with no modulation, the major output spur is 12994.3. That's a difference of 8998.3 which is 1.7 Khz below 9.000. Guess what happens when I switch to USB? Yep, I get 12996.5, a diff of 9000.5. Taking into account the errors in my crude test equipment and the fact I've only set up the radio by ear, I'd say this is an indication they are using a 9 MHz I.F. AND, I'm guessing the oscillator is leaking through to mix with the DDS output and getting to the P.A. Just a guess - but maybe they are filtering the 9 MHz oscillator in the filtered ranges but not elsewhere.

[Added later: There is a GIANT RX birdie at 9.000 MHz. :)]

Something strange has happened since we last talked. Before, I was getting unwanted output at levels between 400mw and 1.5W depending on frequency. Now I'm getting no more than 500mw:

Freq	Level of unwanted output at Freq + 9 MHz
3.996	400mw
7.268	500mw
18.157	400mw
5371.5	400mw
1.996	300mw
7.275	500mw
7.299	500mw
7.151	500mw
10.100	400mw
24.930	250mw
7.160	500mw

This is still an unacceptable percentage of the rated output but at least the radio doesn't seem to be going ape like it was before. This is the #1 issue IMHOP. My QRP SWR bridges and tuners won't work right with that level of spurious output.

This could be mitigated somewhat by filling out the 40 and 80m ranges to the current U.S. standards.

3.5 - 3.9 opened up to 3.5 - 4.0
7.0 - 7.15 opened up to 7.0 - 7.3

The other bands are okay.

At a bare minimum, the rest of 40 and 80m U.S. bands should be added to the filtered range. Others may have different ideas which other bands should be added, but if it were me, I would want 17m added first (18.068 - 18.168), then 30m (10.1 - 10.150) for the CW guys, and last 12m (24.890 - 24.990). 17m is very important in the U.S.

because it's heavily used by HFpack lo-power man-portable (pedestrian mobile) stations on 18157.5.

When you mentioned the possibility of getting a way to update the firmware, I thought of something. If the 80 and 40m filters are wide enough, MAYBE all that's necessary is a firmware update to enable the filters over the slightly-wider ranges.

I thought of something else. Generally, QRP operators use small tuners to match the 50-ohm radio outputs to various antennas. Would a tuner suppress the spurious output? If so, how much power would actually be left on the operating frequency? I set up some tests into a 50-ohm dummy, but immediately ran into problems. I use the "BLT" tuner, the original version of this:

http://www.qrpkits.com/blt_plus.html

You tune for minimum brightness of the LED in the TUNE position, then switch to OPERATE. In TUNE, the xmittr is tuned across an absorptive bridge so you don't risk the finals. I found the tuner worked normally inside the five ranges but was "confused" by the spurs and wouldn't give a dip indication anywhere outside the five filtered ranges.

The first freek I tried was 7.150, inside the 40m range, and the tuner worked correctly. I then switched to 7.149, heard a filter relay click, and the tuner would not find a match. In fact, I couldn't get the tuner to work anywhere outside the filtered ranges. The SWR meter didn't work either. {Added later: SWR bridges tend to be more sensitive at higher freeks - since the spur is always 9 MHz over the primary, I figure the higher freek is affecting the reading out of proportion to it's actual level).

~*~

On fiddling with the settings on the System Menu: My radio came with oddball settings. The USB filter setting sounded reasonable, but LSB was clear out of the I.F. passband. CW was way high. So I put in the VE3FAL settings, which moved everything even further off.

Here's what I did:

SETTINGS I DON'T KNOW ABOUT, so set to defaults:

1) Set RCLK Ratio to x6 (need to find out what this is)

2) Set DDS Clock to 032768131 (VE3FAL setting)

DO A FIRST ALIGNMENT APPROXIMATION. This should ensure your sidebands are at least somewhere in the I.F. passband.

3) Set up a local accurate xmitter on LSB into a dummy, set X1M to LSB on that freek

4) While xmitting on the local radio, adjust X1M LSB BFO setting until the received audio is correct.

5) Change local radio to USB. While xmitting on local radio, adjust X1M USB BFO setting until the received audio is correct. Skip the CW BFO setting for now.

ADJUST THE I.F. OFFSET. This should (at least roughly) center the I.F.

6) With an antenna connected but no signal present, move back and forth between USB and LSB. They should sound about the same. If you've heard HF SSB before, you'll have a feel for what a voice-bandwidth SSB filter sounds like. In my case, USB sounded pretty close but LSB sounded muffled. So I got into the IF OFFSET setting and fiddled with it until I got about what I wanted, then saved the settings.

CLEAN UP THE USB BFO AND LSB BFO.

7) If you make any change to IF OFFSET, you'll need to re-do USB BFO and LSB BFO. Now SSB sigs coming in should be zero beat (or close) on both USB and LSB, and the two should sound close to the same when you switch back and forth with no signal present. With no block diagram or schematic I can't say for sure this correct, but it makes sense.

ADJUST THE CW BFO.

8) Once the I.F. OFFSET is close and the two sidebands sound roughly the same, you can adjust the CW BFO. While xmitting an 800 Hz CW tone on USB over a local transmitter to the X1M set to CW mode, I adjusted the CW BFO setting until the received audio zero beat with the local xmitter's 800 Hz audio sidetone. You may want to set it a different way.

My eventual settings. I'm thinking every set will be different:

Setting VE3FAL value My eventual change

IF OFFSET +08999830 +08999530 (-300)

LSB BFO 08988750 08998386 (+9636)

USB BFO 09000850 09000590 (-300)

[Added later: Somebody yell if I made any giant mistakes)

~*~

Less important issues...

#3: Include a way to turn off the beeps! The first thing I do when I get any radio (or install Windows XP) is turn off every %$#$ing sound. With the X1M it's even more important - they are LOUD. MD button doesn't have a long press function - how about use that for DISABLE SOUNDS?

#4: Error in manual: On pages 7(top), it says the RIT button is used to turn on the preamp. That led me on a merry chase. Manual correctly mentions using the TS button elsewhere. Maybe the Vsn 1 radio was different?

#5: The radio runs pretty warm - probably the cause of the heat problems mentioned in the X1M Yahoo Group. Most of the RX current is probably being dumped into the DDS chip. :)

#6: What do RCLK RATIO and DDS CLOCK do? I messed with them some and they didn't seem to change anything. I have the VE3FAL settings in now for these two.

#7: It would be VERY useful to be able to vary the power output. Many QRPers like to try one watt or less.

~*~

Here are my questions for the developers, stated as simply as I can manage.

1) Connect watt meter, dummy load, and mike. Set radio to any frequency that is NOT in the five bands with filters. Key the mike. Radio will produce spurious output at the dial frequency + 9 MHz. My level is between 0.25 watt and .5 watt.

Do you use a 9 MHz I.F.? Is a 9 MHz oscillator mixing with the DDS output and getting to the output stage?

My low power watt meters and SWR indicators will not work. They are confused by the spurious output which is 9 MHz above the dial frequency.

This spurious output problem does not happen inside the five bands with filters.

Can you fix this spurious output problem?

2) USA amateur bands are different than foreign bands. Very important to have the complete 80 meter band 3.5 - 4.0 MHz. Very important to have the complete 40 meter band 7.0 - 7.3 MHz. If the filters are wide enough, can you do this with a firmware change?

3) Is it possible to add a filter for the 17m band 18.068 - 18.168 MHz?

4) What is the function of RCLK RATIO and DDS CLOCK?

5) I do not like the beeps. It may be possible to use a long press on the MD button to turn off all the sounds?

6) Add this to the radio? -- A way to set the power output from zero to full output.

393. Re: That spurry signal problem again

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-31 20:50:17 UTC
From: john hamilton
Topic: 348 Message: 393

Fred and the group,
    I see everyone talking about not having a schematic. I haven't bought a radio, but I have been closely following the threads. How are the kit versions being assembled? Is there a schematic included in the kit form?

 John kd5inm

394. Re: That spurry signal problem again

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-05-31 23:59:11 UTC
From: George C
Topic: 348 Message: 394

Here's the problem I found with that: yup, you put the carrier in the right place relative to the filter. But now the displayed frequency in LSB is off by that amount, and no way to fix that.

GeorgeC
W2DB

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Dick what was the steps you took to get the LSB to frequency? Just so others
> have an idea as to what you had done since I think they all have the same
> issue on LSB.
>
> Did you adjust from the setting in the radio menu or actually from the radio
> innards ?
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> Fred
>
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> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of w9rws
> Sent: May 31, 2013 8:33 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Re: That spurry signal problem again
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>
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> I can usually go about 2 hours before my goes wacky, but its in a cool
> environment. Got the LSB sounding OK now anyway by dropping the injection

> frequency a few hundred Hz and retuning.
> Will try some ventilation and heatsinking and hope for the best...
>
> Dick
> w9rws
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Arvo Rantinen"
> <nilsyoung@> wrote:
> >
> > Y'all,
> >
> > So am I the only one with a heat/VCO problem or have others noticed that
> this chip (AD9851) gets a bit warm to the touch?
> >
> > And if so, how many other folks have found that cooling the VCO IC cleans
> up the signal on rx or tx?
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> it does get hot. Which would mean either I have one that's on the edge of
> acceptable or others are just lucky & have cooler environments in which to
> play radio. If just blowin' on the board (which is how I discovered it) is
> enough, well . . .
> >
> > 73
> >
> > Nils
> > W8IJN
> >
>

395. Re: Observations/Ideas on the X1M - 1st post

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-01 02:05:59 UTC
From: w2ndg_neil
Topic: 392 Message: 395

Hi all,

A big thank you to Mark for all of the details!

After reading through his post I tried a few things with my X1M attached to an Emtech ZM2 tuner, which also uses an LED to indicate SWR. Hooked up to a 60 foot random wire in trees, and a 9:1 unun, I tuned up on 3899kHz, and was able to get the LED on the ZM2 to go out completely, indicating close to a 1:1 SWR. 1kHz up though, on 3900, it only dims.

Same thing was noticed between 7149 and 7150.

Also a quick 'meatball' test for spurious emissions. A small Grundig SW portable seems to receive noise on almost any frequency above the transmit frequency when nearby with the attenuator on full if I transmit outside of the filtered areas (PTT down, and no audio), and if I transmit within the filtered areas, there is no noise on the Grundig.

I'm thinking that I should NOT use this outside of the pre-designated filter-enabled areas for now.

I'm definitely getting a signal out when I'm outside of the filtered area on 40M as I have been able to check into a couple of nets that are well above 7150, but I'm guessing that it must be less than optimal. Most of my good contacts have been on 10, 15, and 20M. More incentive to move up to Extra I guess, so I can use some of that sub-7150 area.

Has anyone else tried this on 10 Meters? The same test on 10 seems to be OK for me, yet I do not hear the filter click in for 10.

I hear the difference in USB and LSB when I zero-beat on WWV, but I will wait to change those settings until I learn a bit more.

Keep up the good work everyone, and thank again to Mark!

73 de W2NDG
radiokitguide.com

396. Re: Observations/Ideas on the X1M - 1st post

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-01 02:24:26 UTC
From: pal350
Topic: 392 Message: 396

--- In X1M_QRP-Transceiver@yahoogroups.com, "w2ndg_neil" <neilgoldstein@...> wrote:
>
>
>
>
> Hi all,
>
> A big thank you to Mark for all of the details!

***Glad to help. We're all just a buncha Beta testers!

>
> After reading through his post I tried a few things with my X1M attached to an Emtech ZM2 tuner, which also uses an LED to indicate SWR. Hooked up to a 60 foot random wire in trees, and a 9:1 unun, I tuned up on 3899kHz, and was able to get the LED on the ZM2 to go out completely, indicating close to a 1:1 SWR. 1kHz up though, on 3900, it only dims.
>
> Same thing was noticed between 7149 and 7150.

***Like I mentioned, I think the spurs may be "confusing" power/SWR meters.

>
> Also a quick 'meatball' test for spurious emissions. A small Grundig SW portable seems to receive noise on almost any frequency above the transmit frequency when nearby with the attenuator on full if I transmit outside of the filtered areas (PTT down, and no audio), and if I transmit within the filtered areas, there is no noise on the Grundig.

***That's a good indication. Remember though that the signal level is very high in that close.

>
> I'm thinking that I should NOT use this outside of the pre-designated filter-enabled areas for now.

***You got *that* right! And absolutetly not with an amp. I was hoping I could use a tuner knock the spurs down, but gave up after i couldn't get the tuner to dip. I ned to do some more experimenting with different antennas/loads.

>
> I'm definitely getting a signal out when I'm outside of the filtered area on 40M as I have been able to check into a couple of nets that are well above 7150, but I'm guessing that it must be less than optimal. Most of my good contacts have been on 10, 15, and 20M. More incentive to move up to Extra I guess, so I can use some of that sub-7150 area.

***If you have a freek counter, please see if your radio's main spur outside the filtered ranges is 9.0 MHz above the operating freek.
>

> Has anyone else tried this on 10 Meters? The same test on 10 seems to be OK for me, yet I do not hear the filter click in for 10.

***I think they use one filter for 21.000 HMz and up...

>
> I hear the difference in USB and LSB when I zero-beat on WWV, but I will wait to change those settings until I learn a bit more.

***I think you will get USB and LSB right by following the procedure in my first post. At least it worked for me.

>
> Keep up the good work everyone, and thank again to Mark!
>
> 73 de W2NDG
> radiokitguide.com
>

397. Re: That spurry signal problem again

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-01 02:46:33 UTC
From: pal350
Topic: 348 Message: 397

George et al,

Did you guys see my first post #392? I have a procedure (I hope) for getting USB/LSB configured correctly. It's kinda buried in there - I get verbose.

Shortened version:

1) Set the IF OFFSET first, or you'll chase yer tails. With the radio hooked to an antenna receiving noise but no signal, fiddle with the IF OFFSET setting until you can switch back and forth between USB and LSB and the "wooshing" or "timbre" sounds about the same. All the radios are bound to be different, but I set mine -300 from the value in the manual. Save the setting.

2) NOW adjust USB by moving USB BFO until a voice signal received from a local accurate receiver is correct. Save the setting.

3) Adjust LSB by moving LSB BFO until a voice signal received from a local accurate receiver is correct. Save the setting.

4) Adjust CW only AFTER you do the IF, USB, and LSB. I adjusted CW by setting the X1M to CW, and while receiving CW from my PRC-1099 (which xmits an 800 Hz tone on USB), moving the CW BFO setting until the audio from the X1M zero-beat with the 800 Hz sidetone coming from the 1099. Save the setting. You may want to do it a different way.

5) Write down your settings for IF OFFSET, USB BFO, LSB BFO, and CW BFO. :)

Key: Set the IF OFFSET first or you'll go in circles.

--Mark
KI0PF

--- In X1M_QRP-Transceiver@yahoogroups.com, "George C" <george@...> wrote:
>
> Here's the problem I found with that: yup, you put the carrier in the right place relative to the filter. But now the displayed frequency in LSB is off by that amount, and no way to fix that.
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> > Sent: May 31, 2013 8:33 AM
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> > >
> > > 73
> > >
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> > > W8IJN
> > >
> >
>

398. X1M. For sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-01 03:00:45 UTC
From: Papadad
Topic: 398 Message: 398

Like Brand new unit. Used for less than 30 mins total. 250 usd shipped. Continental usa only. Ping me off list if interested.

Joe. K7JOE/BY1

Will be shipped from northern California USA. Got it in my suitcase now ... Headed that way.

399. Re: [X1M_QRP-Transceiver] X1M. For sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-01 06:26:00 UTC
From: Charlie , W5COV
Topic: 398 Message: 399

Hi Joe ,

I just ordered one last week . Guess I shouldn't have been so anxious :)
You wouldn't by chance have a schematic of the rig would you ? I would
like to get a bit of a head start on learning the rig and seeing what
improvements or accessories that I might want to build to use with it ,
while I wait for its arrival .

Thank you ,

Charlie , W5COV

> Like Brand new unit. Used for less than 30 mins total. 250 usd
> shipped. Continental usa only. Ping me off list if interested.
>
> Joe. K7JOE/BY1
>
> Will be shipped from northern California USA. Got it in my suitcase
> now ... Headed that way.
>
>

400. Re: Observations/Ideas on the X1M - 1st post

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-01 12:49:59 UTC
From: w2ndg_neil
Topic: 392 Message: 400

Has anyone else tried this on 10 Meters? The same test on 10 seems to be OK for me, yet I do not hear the filter click in for 10.

***I think they use one filter for 21.000 HMz and up...

---> I can hear it click-out at 21450, and it does not click again all the way to its upper limit of 29999. So if it is filtered, they are using something different there.

I don't have a freq counter, but these observations do explain why my work on certain bands had a profound effect on my XYL's computer monitor, and the speaker system I have attached to the TV (which goes crazy on 17M).

If the spurs are 9000 up, that puts the main spur for 17M right in the middle of the 11M band. Would it be noticed? Just kidding....

I'm hoping that the filters are re-programmable through firmware, but if not, it still is a nice little rig for 20, 15, and 10 for now.

73 de Neil-W2NDG
radiokitguide.com

401. Re: X1M. For sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-01 20:55:06 UTC
From: Papadad
Topic: 398 Message: 401

Ok. Still for sale. Here in the Bay Area... $250 shipped to your door step. Never opened.

402. Connecting to Ham Radio Deluxe

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-01 23:41:00 UTC
From: David Tavener - VK4-ICE Communications
Topic: 402 Message: 402

Hi Guys,

I was just trying to connect my X1M to the notebook and Ham Radio Deluxe. I am using a serial to USB converter (that I use to communicate with my TS-480 so I know the cable is good). HRD is looking for a CI-V address and I have no idea what address the X1M uses when configured as an IC-718.

I have only had this rig for a few days, so getting to know my way around it slowly.

Any tricks you guys with more hands on time worked out yet?

Best regards,

David Tavener - vk4ice

403. RE: [X1M_QRP-Transceiver] Connecting to Ham Radio Deluxe

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-01 23:53:02 UTC
From: Fred VE3FAL
Topic: 402 Message: 403

Guys I have a factory made cable that I have been trying to get working as well. The short cable only uses 3 wires, but the end marked computer does have a chipset in it. I have tried to connect using HRD as well with no luck, I use auto and it will not pick it up, now I am using the cable, a gender bender to go to my RS232 to USB cable, cable is getting commands from computer but not the radio.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of David Tavener - VK4-ICE Communications
Sent: June 1, 2013 7:41 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Connecting to Ham Radio Deluxe
Importance: High

Hi Guys,

I was just trying to connect my X1M to the notebook and Ham Radio Deluxe. I am using a serial to USB converter (that I use to communicate with my TS-480 so I know the cable is good). HRD is looking for a CI-V address and I have no idea what address the X1M uses when configured as an IC-718.

I have only had this rig for a few days, so getting to know my way around it slowly.

Any tricks you guys with more hands on time worked out yet?

Best regards,

David Tavener - vk4ice

404. Re: That spurry signal problem again

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-02 00:26:04 UTC
From: sbjohnston@...
Topic: 348 Message: 404

Mark KI0PF wrote:

> I have a procedure (I hope) for getting USB/LSB configured correctly...
> 1) Set the IF OFFSET first, or you'll chase yer tails...

Thanks for the tip Mark. Today I was finally able to adjust the IF offset setting, then the three BFO settings, to get proper filter action and dial reading. Whew - now the transceiver is actually usable.UNSUB

Steve WD8DAS

sbjohnston@...
http://www.wd8das.net/

Radio is your best entertainment value.
---

405. X1M variable power output & keyer problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-02 00:37:03 UTC
From: nvolle@sbcglobal.net
Topic: 405 Message: 405

Topic----X1M variable power output problem---and
keyer dropping characters.

I think this is a promising QRP transceiver and look forward to using it when the bugs are worked out. I encountered a problem though, on my second 40 meter CW contact when I was told I was dropping characters.

I hooked the X1M to a dummy load and sure enough, when sending a string of letters----it would definitely drop parts of letters at seemingly random times.

Just to be sure it was not related to the transmit / receive delay setting----I tried it from a setting of 1 to 5 seconds all with the same result.

I thought something else might be going on too, and so for the second test I listened to the X1M's signal on my Yaseu FT-900 as I sent CW on 7.028 Mhz into the dummy load.

I received a strong signal on the FT-900 from the X1M for a few minutes---but then the signal would fade intermittently. Sometimes strong---sometimes weak---and then back and forth from strong to weak as I continued to send CW, (and by the way still with randomly missed parts of characters).

Then I hooked it up to a dummy load and an SWR / POWER meter and could see the same thing happening on the power meter when sending a long series of dits. The power would drop way down almost every 20 dits and then came back up.

Again, just to be sure it was not related to the transmit / receive delay setting----I tried it from a setting of 1 to 5 seconds but with the same result.

I am just wondering if anyone else has had any similar experiences---and could possibly suggest some solutions? Thanks! Nathan Volle,KQ9V

406. Re: X1M variable power output & keyer problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-02 04:22:15 UTC
From: pal350
Topic: 405 Message: 406

Yep, my set does the very same thing. I just hadn't gotten around to testing CW yet other than blipping a straight key a couple times just to see if anything came out.

With the keyer turned on and sending a series of dits at 25 WPM, the power will drop every two seconds or so. It looks cyclic to me. Being a software type originally, that makes me guess it's a bug in the firmware, not the hardware. Not having a schematic or even a block diagram is tough, but I'm guessing they implemented the keyer in the firmware, maybe with interrupts or timing loops.

This is receive audio recorded off a local receiver.

http://www.mmfrancis.com/ES1/X1M_CW_25WPM_dits.wav

Note that the SIDETONE audio from the X1M sounds okay. I tried sending fast dits manually with the keyer in MANUAL mode and I think the same effect is happening.

We may have another major bug. :(

--Mark
KI0PF

--- In X1M_QRP-Transceiver@yahoogroups.com, "nvolle@..." <nvolle@...> wrote:
>
> Topic----X1M variable power output problem---and
> keyer dropping characters.
>
> I think this is a promising QRP transceiver and look forward to using it when the bugs are worked out. I encountered a problem though, on my second 40 meter CW contact when I was told I was dropping characters.
>
> I hooked the X1M to a dummy load and sure enough, when sending a string of letters----it would definitely drop parts of letters at seemingly random times.
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> Just to be sure it was not related to the transmit / receive delay setting----I tried it from a setting of 1 to 5 seconds all with the same result.
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> I thought something else might be going on too, and so for the second test I listened to the X1M's signal on my Yaseu FT-900 as I sent CW on 7.028 Mhz into the dummy load.
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> I received a strong signal on the FT-900 from the X1M for a few minutes---but then the signal would fade intermittently. Sometimes strong---sometimes weak---and then back and forth from strong to weak as I continued to send CW, (and by the way still with randomly missed parts of characters).
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> Then I hooked it up to a dummy load and an SWR / POWER meter and could see the same thing happening on the power meter when sending a long series of dits. The power would drop way down almost every 20 dits and then came back up.

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> Again, just to be sure it was not related to the transmit / receive delay setting----I tried it from a setting of 1 to 5 seconds but with the same result.
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407. Re: [X1M_QRP-Transceiver] Re: X1M variable power output & keyer problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-02 04:43:53 UTC
From: Charlie , W5COV
Topic: 405 Message: 407

Surely the company , and / or dealers , have a representative that monitors this list , so they can get feedback and resolve some of these issues BEFORE the radios leave the factory , or at least give us the information , such as a schematic and block diagram to help them resolve the issues .

Anyone have a contact point for them other than the sales page ?

Charlie , W5COV

>
>
>
> Yep, my set does the very same thing. I just hadn't gotten around to
> testing CW yet other than blipping a straight key a couple times just
> to see if anything came out.
>
> With the keyer turned on and sending a series of dits at 25 WPM, the
> power will drop every two seconds or so. It looks cyclic to me. Being
> a software type originally, that makes me guess it's a bug in the
> firmware, not the hardware. Not having a schematic or even a block
> diagram is tough, but I'm guessing they implemented the keyer in the
> firmware, maybe with interrupts or timing loops.
>
> This is receive audio recorded off a local receiver.
>
> http://www.mmfrancis.com/ES1/X1M_CW_25WPM_dits.wav
>
> Note that the SIDETONE audio from the X1M sounds okay. I tried sending
> fast dits manually with the keyer in MANUAL mode and I think the same
> effect is happening.
>
> We may have another major bug. :(
>
> --Mark
> KI0PF
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, "nvolle@..."
> <nvolle@...> wrote:
> >
> > Topic----X1M variable power output problem---and
> > keyer dropping characters.
> >
> > I think this is a promising QRP transceiver and look forward to

> using it when the bugs are worked out. I encountered a problem though,
> on my second 40 meter CW contact when I was told I was dropping
> characters.
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> > I hooked the X1M to a dummy load and sure enough, when sending a
> string of letters----it would definitely drop parts of letters at
> seemingly random times.
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> > Just to be sure it was not related to the transmit / receive delay
> setting----I tried it from a setting of 1 to 5 seconds all with the
> same result.
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> > I thought something else might be going on too, and so for the
> second test I listened to the X1M's signal on my Yaseu FT-900 as I
> sent CW on 7.028 Mhz into the dummy load.
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> > I received a strong signal on the FT-900 from the X1M for a few
> minutes---but then the signal would fade intermittently. Sometimes
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> > Then I hooked it up to a dummy load and an SWR / POWER meter and
> could see the same thing happening on the power meter when sending a
> long series of dits. The power would drop way down almost every 20
> dits and then came back up.
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> > Again, just to be sure it was not related to the transmit / receive
> delay setting----I tried it from a setting of 1 to 5 seconds but with
> the same result.
> >
> > I am just wondering if anyone else has had any similar
> experiences---and could possibly suggest some solutions? Thanks!
> Nathan Volle,KQ9V
> >
>
>

408. ALE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-02 05:00:20 UTC
From: Bonnie
Topic: 405 Message: 408

Has anyone tried the ALE in this radio yet?

Bonnie KQ6XA

409. Re: [X1M_QRP-Transceiver] ALE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-02 05:03:54 UTC
From: Colin McDonald
Topic: 405 Message: 409

ale?
nice :)

regards
Colin
----- Original Message -----
From: Bonnie
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, June 01, 2013 11:00 PM
Subject: [X1M_QRP-Transceiver] ALE

Has anyone tried the ALE in this radio yet?

Bonnie KQ6XA

410. RE: [X1M_QRP-Transceiver] Re: X1M variable power output & keyer problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-02 11:26:06 UTC
From: Fred VE3FAL
Topic: 405 Message: 410

Schematics are always hard to get for these off the hop, not sure why. Had and have the same issues at YouKits, usually end up with a block diagram first and then a schematic to follow.

Not sure even if there is one with the kits.

Ed has contact with the company in China, the list is monitored and all suggestions do get where they have too.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: June 2, 2013 12:44 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: X1M variable power output & keyer problem

Surely the company , and / or dealers , have a representative that monitors this list , so they can get feedback and resolve some of these issues BEFORE the radios leave the factory , or at least give us the information , such as a schematic and block diagram to help them resolve the issues .

Anyone have a contact point for them other than the sales page ?

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Note that the SIDETONE audio from the X1M sounds okay. I tried sending fast dits manually with the keyer in MANUAL mode and I think the same effect is happening.

We may have another major bug. :(

--Mark
KI0PF

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , <mailto:nvolle@...>
"nvolle@..." <mailto:nvolle@...> <nvolle@...> wrote:
>
> Topic----X1M variable power output problem---and
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> I think this is a promising QRP transceiver and look forward to using it
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dits. The power would drop way down almost every 20 dits and then came back
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result.
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> I am just wondering if anyone else has had any similar experiences---and
could possibly suggest some solutions? Thanks! Nathan Volle,KQ9V
>

412. Re: Connecting to Ham Radio Deluxe

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-02 18:45:12 UTC
From: ballardian36
Topic: 402 Message: 412

Hi Fred,

Could you post how the adaptor is wired? And maybe throw up some pictures? Is the 'computer' end a DB-9 or USB?

-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Guys I have a factory made cable that I have been trying to get working as
> well. The short cable only uses 3 wires, but the end marked computer does
> have a chipset in it. I have tried to connect using HRD as well with no
> luck, I use auto and it will not pick it up, now I am using the cable, a
> gender bender to go to my RS232 to USB cable, cable is getting commands from
> computer but not the radio.
>
>
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of David Tavener -
> VK4-ICE Communications
> Sent: June 1, 2013 7:41 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Connecting to Ham Radio Deluxe
> Importance: High
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> Hi Guys,
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> I was just trying to connect my X1M to the notebook and Ham Radio Deluxe. I
> am using a serial to USB converter (that I use to communicate with my TS-480
> so I know the cable is good). HRD is looking for a CI-V address and I have
> no idea what address the X1M uses when configured as an IC-718.

>
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> I have only had this rig for a few days, so getting to know my way around it
> slowly.
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> Any tricks you guys with more hands on time worked out yet?
>
> Best regards,
>
>
>
> David Tavener - vk4ice
>

413. RE: [X1M_QRP-Transceiver] Re: Connecting to Ham Radio Deluxe

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-02 19:18:54 UTC
From: Fred VE3FAL
Topic: 402 Message: 413

Chris and gang:

What I can tell you is the end marked computer has a small circuit board inside of it with a RS232 chip.

The other end that goes to the radio has 3 wires and they go to (or looks like they go) pins 2,3 and 5

This is a DB9 male to DB9 male adaptor, when used with my cables I can't get it to work for me at all of yet..

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ballardian36
Sent: June 2, 2013 2:45 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Connecting to Ham Radio Deluxe

Hi Fred,

Could you post how the adaptor is wired? And maybe throw up some pictures? Is the 'computer' end a DB-9 or USB?

-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com
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> computer but not the radio.
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-
> VK4-ICE Communications
> Sent: June 1, 2013 7:41 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
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> Subject: [X1M_QRP-Transceiver] Connecting to Ham Radio Deluxe
> Importance: High
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> Any tricks you guys with more hands on time worked out yet?
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> Best regards,
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>
> David Tavener - vk4ice
>

414. Re: [X1M_QRP-Transceiver] Re: Connecting to Ham Radio Deluxe

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-02 19:24:10 UTC
From: Tim
Topic: 402 Message: 414

Fred,

Does this cable give the radio capability to talk to HRD?

Thanks!

TIm W5FN

>
>
> Chris and gang:
>
> What I can tell you is the end marked computer has a small circuit
> board inside of it with a RS232 chip.
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> The other end that goes to the radio has 3 wires and they go to (or
> looks like they go) pins 2,3 and 5
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> This is a DB9 male to DB9 male adaptor, when used with my cables I
> can't get it to work for me at all of yet....
>
> Fred
>
> VE3FAL
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *ballardian36
> *Sent:* June 2, 2013 2:45 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] Re: Connecting to Ham Radio Deluxe
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> Hi Fred,
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> Could you post how the adaptor is wired? And maybe throw up some
> pictures? Is the 'computer' end a DB-9 or USB?
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> <flesnick@... <mailto:flesnick@...>> wrote:
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> > Fred
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> > VE3FAL
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> > Hi Guys,
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> > Best regards,
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> > David Tavener - vk4ice
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>

415. RE: [X1M_QRP-Transceiver] Re: Connecting to Ham Radio Deluxe

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-02 19:27:46 UTC
From: Fred VE3FAL
Topic: 402 Message: 415

Yes it is supposed to Tim, but I cant get it to communicate with HRD, might be because I have to use a gender bender to go from male to female and then to my USB adaptor as well..

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Tim
Sent: June 2, 2013 3:24 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: Connecting to Ham Radio Deluxe

Fred,

Does this cable give the radio capability to talk to HRD?

Thanks!

TIm W5FN

Chris and gang:

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>
> Guys I have a factory made cable that I have been trying to get working as
> well. The short cable only uses 3 wires, but the end marked computer does
> have a chipset in it. I have tried to connect using HRD as well with no
> luck, I use auto and it will not pick it up, now I am using the cable, a
> gender bender to go to my RS232 to USB cable, cable is getting commands
from
> computer but not the radio.
>
>
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of David Tavener
-
> VK4-ICE Communications
> Sent: June 1, 2013 7:41 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> Subject: [X1M_QRP-Transceiver] Connecting to Ham Radio Deluxe
> Importance: High
>
>
>
>
>
> Hi Guys,
>
>
>
> I was just trying to connect my X1M to the notebook and Ham Radio Deluxe.
I
> am using a serial to USB converter (that I use to communicate with my
TS-480
> so I know the cable is good). HRD is looking for a CI-V address and I have
> no idea what address the X1M uses when configured as an IC-718.
>
>
>

> I have only had this rig for a few days, so getting to know my way around
it
> slowly.
>
>
>
> Any tricks you guys with more hands on time worked out yet?
>
> Best regards,
>
>
>
> David Tavener - vk4ice
>

416. Re: [X1M_QRP-Transceiver] Re: Connecting to Ham Radio Deluxe

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-02 19:38:04 UTC
From: Tim
Topic: 402 Message: 416

Ok - from what I can beep out, Pin 5 of the DB9 is ground, Pin 2 is RXD (data TO radio), and Pin 3 is TXD (data FROM radio). These connect directly to the microcontroller, so they are TTL (0-5v levels), not RS-232).

Tim

>
>
> Yes it is supposed to Tim, but I cant get it to communicate with HRD,
> might be because I have to use a gender bender to go from male to
> female and then to my USB adaptor as well....
>
>

417. RE: [X1M_QRP-Transceiver] Re: Connecting to Ham Radio Deluxe

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-02 19:42:06 UTC
From: Fred VE3FAL
Topic: 402 Message: 417

Yes that would be correct...

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Tim
Sent: June 2, 2013 3:38 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: Connecting to Ham Radio Deluxe

Ok - from what I can beep out, Pin 5 of the DB9 is ground, Pin 2 is RXD (data TO radio), and Pin 3 is TXD (data FROM radio). These connect directly to the microcontroller, so they are TTL (0-5v levels), not RS-232).

Tim

Yes it is supposed to Tim, but I cant get it to communicate with HRD, might be because I have to use a gender bender to go from male to female and then to my USB adaptor as well..

418. RE: [X1M_QRP-Transceiver] Re: Connecting to Ham Radio Deluxe

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-02 20:05:02 UTC
From: Fred VE3FAL
Topic: 402 Message: 418

Tim just sent you some pictures direct of the unit.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Tim
Sent: June 2, 2013 3:38 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: Connecting to Ham Radio Deluxe

Ok - from what I can beep out, Pin 5 of the DB9 is ground, Pin 2 is RXD
(data TO radio), and Pin 3 is TXD (data FROM radio). These connect directly
to the microcontroller, so they are TTL (0-5v levels), not RS-232).

Tim

Yes it is supposed to Tim, but I cant get it to communicate with HRD, might
be because I have to use a gender bender to go from male to female and then
to my USB adaptor as well..

419. Re: Connecting to Ham Radio Deluxe

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-02 22:27:17 UTC
From: ballardian36
Topic: 402 Message: 419

Would you mind sending those photos my way fred? I think I tried that pin set with a homemade cable already..hmmmm.

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Tim just sent you some pictures direct of the unit.
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Tim
> Sent: June 2, 2013 3:38 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: Re: [X1M_QRP-Transceiver] Re: Connecting to Ham Radio Deluxe
>
>
>
>
>
> Ok - from what I can beep out, Pin 5 of the DB9 is ground, Pin 2 is RXD
> (data TO radio), and Pin 3 is TXD (data FROM radio). These connect directly
> to the microcontroller, so they are TTL (0-5v levels), not RS-232).
>
> Tim
>
>
>
> Yes it is supposed to Tim, but I cant get it to communicate with HRD, might
> be because I have to use a gender bender to go from male to female and then
> to my USB adaptor as well..
>

420. Output Power Problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 00:59:18 UTC
From: comm8442
Topic: 420 Message: 420

I bought a X1M from Ed and it did not have enough power to have my MFJ-929 tune it (required 2 watts). I put it on a Bird 4304a watt meter and it displayed 0.9 watts on 10 meter. Ed worked with me and I sent it back and he sent me a new one. I received the new one and now the same thing... I can't get it to tune. My tuner says "Increase power." Am I doing something wrong??? I put it in CW mode and key and tune... nothing. I go to SSB, talk...loudly... even whistle (yes, I say I am testing beforehand) and still will not tune. My tuner only shows that I am pushing 1.1 watts. Do I have another bad radio or am I doing something wrong? I can't make a contact to save my life! I know someone will ask... I have a Carolina Windom 80 and it works great with my Kenwood. Please help!

421. Re: [X1M_QRP-Transceiver] Output Power Problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 01:12:38 UTC
From: Charlie , W5COV
Topic: 420 Message: 421

Do you have power figures from the Bird on other filtered bands running into a dummy load , by chance ??

Charlie , W5COV

> I bought a X1M from Ed and it did not have enough power to have my
> MFJ-929 tune it (required 2 watts). I put it on a Bird 4304a watt
> meter and it displayed 0.9 watts on 10 meter. Ed worked with me and I
> sent it back and he sent me a new one. I received the new one and now
> the same thing... I can't get it to tune. My tuner says "Increase
> power." Am I doing something wrong??? I put it in CW mode and key and
> tune... nothing. I go to SSB, talk...loudly... even whistle (yes, I
> say I am testing beforehand) and still will not tune. My tuner only
> shows that I am pushing 1.1 watts. Do I have another bad radio or am I
> doing something wrong? I can't make a contact to save my life! I know
> someone will ask... I have a Carolina Windom 80 and it works great
> with my Kenwood. Please help!
>
>

422. Re: Output Power Problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 01:19:09 UTC
From: comm8442
Topic: 420 Message: 422

Yes... I have tried it on my antenna and a dummy load. Same outcome each time...

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> Do you have power figures from the Bird on other filtered bands running
> into a dummy load , by chance ??
>
> Charlie , W5COV
>
> > I bought a X1M from Ed and it did not have enough power to have my
> > MFJ-929 tune it (required 2 watts). I put it on a Bird 4304a watt
> > meter and it displayed 0.9 watts on 10 meter. Ed worked with me and I
> > sent it back and he sent me a new one. I received the new one and now
> > the same thing... I can't get it to tune. My tuner says "Increase
> > power." Am I doing something wrong??? I put it in CW mode and key and
> > tune... nothing. I go to SSB, talk...loudly... even whistle (yes, I
> > say I am testing beforehand) and still will not tune. My tuner only
> > shows that I am pushing 1.1 watts. Do I have another bad radio or am I
> > doing something wrong? I can't make a contact to save my life! I know
> > someone will ask... I have a Carolina Windom 80 and it works great
> > with my Kenwood. Please help!
> >
> >
>

423. Re: Output Power Problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 01:20:48 UTC
From: comm8442
Topic: 420 Message: 423

My tuner confirms the wattage reported by the Bird...

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> Do you have power figures from the Bird on other filtered bands running
> into a dummy load , by chance ??
>
> Charlie , W5COV
>
> > I bought a X1M from Ed and it did not have enough power to have my
> > MFJ-929 tune it (required 2 watts). I put it on a Bird 4304a watt
> > meter and it displayed 0.9 watts on 10 meter. Ed worked with me and I
> > sent it back and he sent me a new one. I received the new one and now
> > the same thing... I can't get it to tune. My tuner says "Increase
> > power." Am I doing something wrong??? I put it in CW mode and key and
> > tune... nothing. I go to SSB, talk...loudly... even whistle (yes, I
> > say I am testing beforehand) and still will not tune. My tuner only
> > shows that I am pushing 1.1 watts. Do I have another bad radio or am I
> > doing something wrong? I can't make a contact to save my life! I know
> > someone will ask... I have a Carolina Windom 80 and it works great
> > with my Kenwood. Please help!
> >
> >
>

424. Re: Output Power Problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 01:24:21 UTC
From: comm8442
Topic: 420 Message: 424

Sorry... yes, My bird only goes to 25mhz. It does have the same result on 10m and 6m...

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> Do you have power figures from the Bird on other filtered bands running
> into a dummy load , by chance ??
>
> Charlie , W5COV
>
> > I bought a X1M from Ed and it did not have enough power to have my
> > MFJ-929 tune it (required 2 watts). I put it on a Bird 4304a watt
> > meter and it displayed 0.9 watts on 10 meter. Ed worked with me and I
> > sent it back and he sent me a new one. I received the new one and now
> > the same thing... I can't get it to tune. My tuner says "Increase
> > power." Am I doing something wrong??? I put it in CW mode and key and
> > tune... nothing. I go to SSB, talk...loudly... even whistle (yes, I
> > say I am testing beforehand) and still will not tune. My tuner only
> > shows that I am pushing 1.1 watts. Do I have another bad radio or am I
> > doing something wrong? I can't make a contact to save my life! I know
> > someone will ask... I have a Carolina Windom 80 and it works great
> > with my Kenwood. Please help!
> >
> >
>

425. RE: [X1M_QRP-Transceiver] Re: Output Power Problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 01:29:51 UTC
From: Fred VE3FAL
Topic: 420 Message: 425

Key it up outside of the filtered bands and let me know what you get.

I just re-tested mine into a dummy load and watt meter.

I have 4.5 watts out on most bands that have filter, 4 watts on 20 meters.

Get outside of the filtered bands and I have 5 watts, transmit on 500khz
have almost 6 watts.

At 29 MHz have about 2 but at 28MHz have 4.5..

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of comm8442
Sent: June 2, 2013 9:24 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Output Power Problem

Sorry... yes, My bird only goes to 25mhz. It does have the same result on
10m and 6m...

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Charlie , W5COV"
<cvest@...> wrote:
>
> Do you have power figures from the Bird on other filtered bands running
> into a dummy load , by chance ??
>
> Charlie , W5COV
>
> > I bought a X1M from Ed and it did not have enough power to have my
> > MFJ-929 tune it (required 2 watts). I put it on a Bird 4304a watt
> > meter and it displayed 0.9 watts on 10 meter. Ed worked with me and I
> > sent it back and he sent me a new one. I received the new one and now
> > the same thing... I can't get it to tune. My tuner says "Increase
> > power." Am I doing something wrong??? I put it in CW mode and key and
> > tune... nothing. I go to SSB, talk...loudly... even whistle (yes, I
> > say I am testing beforehand) and still will not tune. My tuner only
> > shows that I am pushing 1.1 watts. Do I have another bad radio or am I
> > doing something wrong? I can't make a contact to save my life! I know
> > someone will ask... I have a Carolina Windom 80 and it works great
> > with my Kenwood. Please help!
> >
> >

>

426. Re: Output Power Problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 01:42:43 UTC
From: comm8442
Topic: 420 Message: 426

WOW!!! 4.5 watts on 12m!!! What is going on????

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Key it up outside of the filtered bands and let me know what you get.
>
> I just re-tested mine into a dummy load and watt meter.
>
>
>
> I have 4.5 watts out on most bands that have filter, 4 watts on 20 meters.
>
> Get outside of the filtered bands and I have 5 watts, transmit on 500khz
> have almost 6 watts.
>
> At 29 MHz have about 2 but at 28MHz have 4.5..
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of comm8442
> Sent: June 2, 2013 9:24 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Re: Output Power Problem
>
>
>
>
>
>
> Sorry... yes, My bird only goes to 25mhz. It does have the same result on
> 10m and 6m...
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Charlie , W5COV"
> <cvest@> wrote:
> >
> > Do you have power figures from the Bird on other filtered bands running
> > into a dummy load , by chance ??
> >

> > Charlie , W5COV
> >
> > > I bought a X1M from Ed and it did not have enough power to have my
> > > MFJ-929 tune it (required 2 watts). I put it on a Bird 4304a watt
> > > meter and it displayed 0.9 watts on 10 meter. Ed worked with me and I
> > > sent it back and he sent me a new one. I received the new one and now
> > > the same thing... I can't get it to tune. My tuner says "Increase
> > > power." Am I doing something wrong??? I put it in CW mode and key and
> > > tune... nothing. I go to SSB, talk...loudly... even whistle (yes, I
> > > say I am testing beforehand) and still will not tune. My tuner only
> > > shows that I am pushing 1.1 watts. Do I have another bad radio or am I
> > > doing something wrong? I can't make a contact to save my life! I know
> > > someone will ask... I have a Carolina Windom 80 and it works great
> > > with my Kenwood. Please help!
> > >
> > >
> > >
>

427. RE: [X1M_QRP-Transceiver] Re: Output Power Problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 01:48:53 UTC
From: Fred VE3FAL
Topic: 420 Message: 427

Keep going and please note the power levels at various spots please.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of comm8442
Sent: June 2, 2013 9:43 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Output Power Problem

WOW!!! 4.5 watts on 12m!!! What is going on????

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL"
<flesnick@...> wrote:
>
> Key it up outside of the filtered bands and let me know what you get.
>
> I just re-tested mine into a dummy load and watt meter.
>
>
>
> I have 4.5 watts out on most bands that have filter, 4 watts on 20 meters.
>
> Get outside of the filtered bands and I have 5 watts, transmit on 500khz
> have almost 6 watts.
>
> At 29 MHz have about 2 but at 28MHz have 4.5..
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of comm8442
> Sent: June 2, 2013 9:24 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>

> Subject: [X1M_QRP-Transceiver] Re: Output Power Problem
>
>
>
>
>
> Sorry... yes, My bird only goes to 25mhz. It does have the same result on
> 10m and 6m...
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Charlie , W5COV"
> <cvest@> wrote:
> >
> > Do you have power figures from the Bird on other filtered bands running
> > into a dummy load , by chance ??
> >
> > Charlie , W5COV
> >
> > > I bought a X1M from Ed and it did not have enough power to have my
> > > MFJ-929 tune it (required 2 watts). I put it on a Bird 4304a watt
> > > meter and it displayed 0.9 watts on 10 meter. Ed worked with me and I
> > > sent it back and he sent me a new one. I received the new one and now
> > > the same thing... I can't get it to tune. My tuner says "Increase
> > > power." Am I doing something wrong??? I put it in CW mode and key and
> > > tune... nothing. I go to SSB, talk...loudly... even whistle (yes, I
> > > say I am testing beforehand) and still will not tune. My tuner only
> > > shows that I am pushing 1.1 watts. Do I have another bad radio or am I

> > > doing something wrong? I can't make a contact to save my life! I know
> > > someone will ask... I have a Carolina Windom 80 and it works great
> > > with my Kenwood. Please help!
> > >
> > >
> > >
>

428. Re: Output Power Problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 02:04:10 UTC
From: comm8442
Topic: 420 Message: 428

0.8 watts on 15m... 21.435. 0.7 watts on 17m... 18.135. 0.6 watts on 20m... 14.235. 0.7 watts on 40m ... 7.120. 1.3 watts on 80m... 3.920.

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Keep going and please note the power levels at various spots please.
>
>
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of comm8442
> Sent: June 2, 2013 9:43 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Re: Output Power Problem
>
>
>
>
>
> WOW!!! 4.5 watts on 12m!!! What is going on????
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL"
> <flesnick@> wrote:
> >
> > Key it up outside of the filtered bands and let me know what you get.
> >
> > I just re-tested mine into a dummy load and watt meter.
> >
> >
> >
> > I have 4.5 watts out on most bands that have filter, 4 watts on 20 meters.
> >
> > Get outside of the filtered bands and I have 5 watts, transmit on 500khz
> > have almost 6 watts.
> >
> > At 29 MHz have about 2 but at 28MHz have 4.5..

> >
> >
> >
> > Fred
> >
> > VE3FAL
> >
> >
> >
> > From: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > [mailto:X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of comm8442
> > Sent: June 2, 2013 9:24 PM
> > To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > Subject: [X1M_QRP-Transceiver] Re: Output Power Problem
> >
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> >
> > Sorry... yes, My bird only goes to 25mhz. It does have the same result on
> > 10m and 6m...
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Charlie , W5COV"
> > <cvest@> wrote:
> > >
> > > Do you have power figures from the Bird on other filtered bands running
> > > into a dummy load , by chance ??
> > >
> > > Charlie , W5COV
> > >
> > > > I bought a X1M from Ed and it did not have enough power to have my
> > > > MFJ-929 tune it (required 2 watts). I put it on a Bird 4304a watt
> > > > meter and it displayed 0.9 watts on 10 meter. Ed worked with me and I
> > > > sent it back and he sent me a new one. I received the new one and now
> > > > the same thing... I can't get it to tune. My tuner says "Increase
> > > > power." Am I doing something wrong??? I put it in CW mode and key and
> > > > tune... nothing. I go to SSB, talk...loudly... even whistle (yes, I
> > > > say I am testing beforehand) and still will not tune. My tuner only
> > > > shows that I am pushing 1.1 watts. Do I have another bad radio or am I
>
> > > > doing something wrong? I can't make a contact to save my life! I know
> > > > someone will ask... I have a Carolina Windom 80 and it works great
> > > > with my Kenwood. Please help!
> > > >
> > > >

> > >
> >
>

429. Re: That spurry signal problem again

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 02:12:15 UTC
From: w9rws
Topic: 348 Message: 429

Fred and others, sorry for the slow reply I have been out of town.
It seems that Mark KI0PF posted a great procedure for correcting the LSB offset and misalignment of the signals in the passband problem in his post #397 after I had posted.
I had simply gone into the LSB offset menu and dropped the frequency about 300 cycles, but that left the readout problem. I havn't done it yet but Mark's solution looks like it will work OK.
Now on to the hot AD chip problem and should have a pretty good radio.
Got the loud sidetone tamed also with the aid of the board pic on the forum.
Dick
w9rws

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Dick what was the steps you took to get the LSB to frequency? Just so others
> have an idea as to what you had done since I think they all have the same
> issue on LSB.
>
> Did you adjust from the setting in the radio menu or actually from the radio
> innards ?
>
> If from the menu what was your default setting and then the setting after
> you were done?
>
>
>
>
>
> Fred
>
> VE3FAL
>
>
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>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of w9rws
> Sent: May 31, 2013 8:33 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Re: That spurry signal problem again
>
>
>

>
>
> I can usually go about 2 hours before my goes wacky, but its in a cool
> environment. Got the LSB sounding OK now anyway by dropping the injection
> frequency a few hundred Hz and retuning.
> Will try some ventilation and heatsinking and hope for the best...
>
> Dick
> w9rws
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Arvo Rantinen"
> <nilsyoung@> wrote:
> >
> > Y'all,
> >
> > So am I the only one with a heat/VCO problem or have others noticed that
> this chip (AD9851) gets a bit warm to the touch?
> >
> > And if so, how many other folks have found that cooling the VCO IC cleans
> up the signal on rx or tx?
> >
> > I'm pretty sure I've seen this IC before in DDS VFOs or somewhere & that
> it does get hot. Which would mean either I have one that's on the edge of
> acceptable or others are just lucky & have cooler environments in which to
> play radio. If just blowin' on the board (which is how I discovered it) is
> enough, well . . .
> >
> > 73
> >
> > Nils
> > W8IJN
> >
>

430. HRD Success!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 05:27:10 UTC
From: ballardian36
Topic: 430 Message: 430

Hey all,

I got HRD to work with the x1m tonight. Based on Fred and Tim's pinout information I wired up a USB to TTL converter straight into a DB9 into the x1m. I'm using a cp2102 chipset. So my setup is as follows:

USB TTL -> DB9
Ground ->Pin 5
TX -> Pin 3
RX -> Pin 2

Baudrate is 19200
8n1 standard serial setup

I've read that the cp2012 boards might have their TX and RX pins silk screen reversed. So if it doesn't work for you flip the TX and RX with your USB TTL side and give it a go. I wired mine the way it should have worked and I had to flip mine.

Oh also the address is the 5e of the 718.

Thanks Fred and Tim for the pinout information! So far all I've done with it is to get it to connect and change the frequency. I'll be mapping out which commands are supported over the next few days I hope.

-Chris
Kc8MUS

431. Re: HRD Success!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 06:33:21 UTC
From: ballardian36
Topic: 430 Message: 431

Ok I did a mapping of the commands. I used CI-V test (http://www.plicht.de/ekki/software/civtest.html) to test the published command set of the 718 (http://www.icomcanada.com/products/amateur/ic-718/Amateur_IC-718%20Instruction%20Manual.pdf) while using this guide to guide the details of the commands (http://www.plicht.de/ekki/civ/civ-p41.html).

Mostly it falls down the line as expected -- if you can do it from the front panel you can do it via CI-V commands. I'll write up the complete run down tomorrow but the most interesting thing I ran across is that the s-meter setting returns a value into HRD -- mine reads s4 constantly no matter what band I'm on.

I don't have a good antenna or any other rig to compare it against so right now I can't tell if a) I just have s4 noise floor of sorts or b) it is a red herring reading that reruns but isn't true. I'm leaning towards B although I'd like it to be A. I look forward to hearing other people's experience with the s-meter setting to see if it is real or not.

I'll translate my notes into a detailed post tomorrow if folks are interested in the exact commands it supports at this time.

-Chris
KC8MUS

--- In X1M_QRP-Transceiver@yahoogroups.com, "ballardian36" <kc8mus@...> wrote:
>
> Hey all,
>
> I got HRD to work with the x1m tonight. Based on Fred and Tim's pinout information I wired up a USB to TTL converter straight into a DB9 into the x1m. I'm using a cp2102 chipset. So my setup is as follows:
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the next few days I hope.
>
> -Chris
> Kc8MUS
>

432. Re: [X1M_QRP-Transceiver] Re: HRD Success!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 06:46:30 UTC
From: George Allen
Topic: 430 Message: 432

I did google it, but still not clear. In a few words, what is the idea of HRD. Okay, I'm old.
Thanks
Kd0nme

On Jun 3, 2013, at 1:33 AM, "ballardian36" <kc8mus@...> wrote:

> Ok I did a mapping of the commands. I used CI-V test (http://www.plicht.de/ekki/software/civtest.html) to test the published command set of the 718 (http://www.icomcanada.com/products/amateur/ic-718/Amateur_IC-718%20Instruction%20Manual.pdf) while using this guide to guide the details of the commands (http://www.plicht.de/ekki/civ/civ-p41.html).
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>
> I don't have a good antenna or any other rig to compare it against so right now I can't tell if a) I just have s4 noise floor of sorts or b) it is a red herring reading that reruns but isn't true. I'm leaning towards B although I'd like it to be A. I look forward to hearing other people's experience with the s-meter setting to see if it is real or not.
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> I'll translate my notes into a detailed post tomorrow if folks are interested in the exact commands it supports at this time.
>
> -Chris
> KC8MUS
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "ballardian36" <kc8mus@...> wrote:
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>> Hey all,
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>> I got HRD to work with the x1m tonight. Based on Fred and Tim's pinout information I wired up a USB to TTL converter straight into a DB9 into the x1m. I'm using a cp2102 chipset. So my setup is as follows:
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>>
>> -Chris
>> Kc8MUS
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

433. RE: [X1M_QRP-Transceiver] HRD Success!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 12:08:35 UTC
From: Fred VE3FAL
Topic: 430 Message: 433

So in thinking if was using just a straight USB cable with a female DB9 wired it should work with this little converter?

Problem is the USB to DB 9's I am using now already have a prolific chipset in them which is probably why I am getting nothing.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ballardian36
Sent: June 3, 2013 1:27 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] HRD Success!!!

Hey all,

I got HRD to work with the x1m tonight. Based on Fred and Tim's pinout information I wired up a USB to TTL converter straight into a DB9 into the x1m. I'm using a cp2102 chipset. So my setup is as follows:

USB TTL -> DB9
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Baudrate is 19200
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I've read that the cp2012 boards might have their TX and RX pins silk screen reversed. So if it doesn't work for you flip the TX and RX with your USB TTL side and give it a go. I wired mine the way it should have worked and I had to flip mine.

Oh also the address is the 5e of the 718.

Thanks Fred and Tim for the pinout information! So far all I've done with it is to get it to connect and change the frequency. I'll be mapping out which commands are supported over the next few days I hope.

-Chris
Kc8MUS

434. Re: HRD Success!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 13:11:15 UTC
From: w2ndg_neil
Topic: 430 Message: 434

How would this work:

http://www.adafruit.com/products/954#Description
USB to TTL Serial Cable - Debug / Console Cable for Raspberry Pi

It's a 3.3 volt TTL to USB converter. The USB end uses a PL2303HX.A Prolific Serial-USB chip. I can just drop the connectors onto the pins of a DB9.

By the way - 20M USB contact with a club station on PEI from here on Long Island Saturday, with pretty crappy band conditions. Not too shabby.

--Neil - W2NDG

--- In X1M_QRP-Transceiver@yahoogroups.com, "ballardian36" <kc8mus@...> wrote:
>
> Hey all,
>
> I got HRD to work with the x1m tonight. Based on Fred and Tim's pinout information I wired up a USB to TTL converter straight into a DB9 into the x1m. I'm using a cp2102 chipset. So my setup is as follows:
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> I've read that the cp2012 boards might have their TX and RX pins silk screen reversed. So if it doesn't work for you flip the TX and RX with your USB TTL side and give it a go. I wired mine the way it should have worked and I had to flip mine.
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> Oh also the address is the 5e of the 718.
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>
> -Chris
> Kc8MUS
>

435. Re: HRD Success!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 13:51:25 UTC
From: W3FIS
Topic: 430 Message: 435

HRD and its partner, DM780 is a control program for SSB radios that permit computer control. For example, you can set the frequency of the radio, or generally, any parameter that can be set by the front panel of the radio. DM780 is a suite of digital mode programs, such as PSK31, SSTV, etc.

HRD has a nice set of graphics and is generally easy to use.

HRD is especially good, as it connects to a wide variety of radios. The DM780 suite can be run as a "stand alone" program. For example, the Alinco DX-SR8 that is my main radio, is not supported by HRD, but I use DM780 and a soundcard interface (SignaLink USB) for digital modes.

For my Yaesu FT-817ND, I use the complete system for control of the radio and sending digital modes.

73 /paul W3FIS

436. Re: HRD Success!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 14:07:33 UTC
From: ballardian36
Topic: 430 Message: 436

Hi George,

HRD for this rig for me mostly means bigger operating controls. The display on the x1m is TINY and the buttons make my fingers cramp as I'm scrolling through freq. HRD allows nice big numbers, easier slider to change freq, and even direct frequency input. Makes it a little nicer to use at home -- now on the road -- tiny controls it is!

-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, George Allen <geonjod@...> wrote:
>
> I did google it, but still not clear. In a few words, what is the idea of HRD. Okay, I'm old.
> Thanks
> Kd0nme
>
> On Jun 3, 2013, at 1:33 AM, "ballardian36" <kc8mus@...> wrote:
>
> > Ok I did a mapping of the commands. I used CI-V test (http://www.plicht.de/ekki/software/civtest.html) to test the published command set of the 718 (http://www.icomcanada.com/products/amateur/ic-718/Amateur_IC-718%20Instruction%20Manual.pdf) while using this guide to guide the details of the commands (http://www.plicht.de/ekki/civ/civ-p41.html).
> > >
> > Mostly it falls down the line as expected -- if you can do it from the front panel you can do it via CI-V commands. I'll write up the complete run down tomorrow but the most interesting thing I ran across is that the s-meter setting returns a value into HRD -- mine reads s4 constantly no matter what band I'm on.
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> > I don't have a good antenna or any other rig to compare it against so right now I can't tell if a) I just have s4 noise floor of sorts or b) it is a red herring reading that reruns but isn't true. I'm leaning towards B although I'd like it to be A. I look forward to hearing other people's experience with the s-meter setting to see if it is real or not.
> > >
> > I'll translate my notes into a detailed post tomorrow if folks are interested in the exact commands it supports at this time.
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> > -Chris
> > KC8MUS
> > >
> > >
> > >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "ballardian36" <kc8mus@> wrote:
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> >> I got HRD to work with the x1m tonight. Based on Fred and Tim's pinout information I wired up a USB to TTL converter straight into a DB9 into the x1m. I'm using a cp2102 chipset. So my setup is as follows:
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> >> -Chris
> >> Kc8MUS
> >
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
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> >
> >
>

437. Re: [X1M_QRP-Transceiver] Output Power Problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 14:15:57 UTC
From: Mark Thompson
Topic: 420 Message: 437

Mine seems low on 10m also, about 1.5 watts. All other bands are 4 to 5 watts out. 10m has been kind of dead lately so haven't given it much thought.
73
Mark (KV8T)
On Jun 2, 2013 8:59 PM, "comm8442" <comm8442@...> wrote:

> **
>
>
> I bought a X1M from Ed and it did not have enough power to have my MFJ-929
> tune it (required 2 watts). I put it on a Bird 4304a watt meter and it
> displayed 0.9 watts on 10 meter. Ed worked with me and I sent it back and
> he sent me a new one. I received the new one and now the same thing... I
> can't get it to tune. My tuner says "Increase power." Am I doing something
> wrong??? I put it in CW mode and key and tune... nothing. I go to SSB,
> talk...loudly... even whistle (yes, I say I am testing beforehand) and
> still will not tune. My tuner only shows that I am pushing 1.1 watts. Do I
> have another bad radio or am I doing something wrong? I can't make a
> contact to save my life! I know someone will ask... I have a Carolina
> Windom 80 and it works great with my Kenwood. Please help!
>
>
>

438. Re: HRD Success!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 14:29:40 UTC
From: ballardian36
Topic: 430 Message: 438

Hi Fred,

I'm not 100% sure what you are asking. It sounds like you've got a USB -> Serial (db9) adaptor connected to the computer and are plugging that into the 'factory' cable. I'd expect this to work with the caveat that it sounds like you've got to put a female-female adaptor between the two? Is it possible that adaptor is a cross over adaptor? So it flips pins 2 and 3? I kind of suspect your adaptor is more likely to make it 'not work' than the 2 chipsets. But with that being said -- 2 chipsets could totally bork it up.

Serial connects and pin outs are annoying confusing -- its like 15 standards that all look the same on the outside. GRRR.

-Chris
Kc8MUS

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> So in thinking if was using just a straight USB cable with a female DB9
> wired it should work with this little converter?
>
> Problem is the USB to DB 9's I am using now already have a prolific chipset
> in them which is probably why I am getting nothing.
>
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>
> Fred
>
> VE3FAL
>
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> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ballardian36
> Sent: June 3, 2013 1:27 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] HRD Success!!!
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> Hey all,
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> I got HRD to work with the x1m tonight. Based on Fred and Tim's pinout

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> is to get it to connect and change the frequency. I'll be mapping out which
> commands are supported over the next few days I hope.
>
> -Chris
> Kc8MUS
>

439. Re: HRD Success!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 14:39:29 UTC
From: ballardian36
Topic: 430 Message: 439

Hi Neil,

That should work just fine.

I used this cheapy from ebay last night -- $2.68 + free shipping. Took a little over a week to get here but no problems besides that. Driver installed no problem on windows and automatically recognized in Linux. (http://www.ebay.com/itm/330616868559?ssPageName=STRK:MEWNX:IT&_trksid=p3984.m1439.l2649).

The other thing is if you have a programming cable for any other radio you likely can use that with an adaptor for the x1m. For example -- my wouxun cable is identical to the kenwood PG-4y cable. As you can see here -- (http://www.kenwood.com/i/products/info/amateur/pg4s_4y.html) to make it work with the x1m theoretically all I'd have to do is take the 2.5 mm shield -> pin 5, 2.5mm ring -> pin 3, 3.5 mm sleeve -> pin 2.

Most of these programming cables are a USB -> TTL level converter with the pins in different formats for each manufacturer.

DISCLAIMER/CAUTION -- I haven't tried to convert a pre-fab cable to use with the x1m yet so try at your own risk.

-Chris
KC8MUS

--- In X1M_QRP-Transceiver@yahoogroups.com, "w2ndg_neil" <neilgoldstein@...> wrote:
>
> How would this work:
>
> http://www.adafruit.com/products/954#Description
> USB to TTL Serial Cable - Debug / Console Cable for Raspberry Pi
>
> It's a 3.3 volt TTL to USB converter. The USB end uses a PL2303HX.A Prolific Serial-USB chip. I can just drop the connectors onto the pins of a DB9.
>
> By the way - 20M USB contact with a club station on PEI from here on Long Island Saturday, with pretty crappy band conditions. Not too shabby.
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> --Neil - W2NDG
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> > Oh also the address is the 5e of the 718.
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> > Thanks Fred and Tim for the pinout information! So far all I've done with it is to get it to connect and change the frequency. I'll be mapping out which commands are supported over the next few days I hope.
> >
> > -Chris
> > Kc8MUS
> >
>

440. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 15:02:46 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 440

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Manuals/x1mCommandSetLog.ods
Uploaded by : ballardian36 <kc8mus@...>
Description : CI-V command set results for the x1m

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/x1mCommandSetLog.ods

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

ballardian36 <kc8mus@...>

442. Re: HRD Success!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 15:10:54 UTC
From: ballardian36
Topic: 430 Message: 442

OK -- I uploaded an libreoffice spread sheet with the command set discovery I've done so far. At this time it is a copy of the raw commands from the 718 manual with a simple did it work on the x1m and notes field.

I'm manually running the serial commands and seeing what returns. This should help anyone looking to use hamlib and also let us all know what should and shouldn't work in HRD. For now it is in the raw data state eventually I/someone can repackage it into HRD specific yay/nay.

Be aware that some of the nomenclature isn't obvious -- check the link to the commands to really see what they are doing (read or write? or both?).

There are a few commands the radio accepts and returns values for but I don't see anything changing on the radio. So those are certainly intriguing like the s-meter setting -- do they actually work or are they red herrings?

Oh and the radio returns an address of ALL which means it doesn't matter which ICOM rig you use it should respond to commands it knows. So you don't HAVE to use the 5e designation for the 718 - I believe.

-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, "ballardian36" <kc8mus@...> wrote:
>
> Hey all,
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> I got HRD to work with the x1m tonight. Based on Fred and Tim's pinout information I wired up a USB to TTL converter straight into a DB9 into the x1m. I'm using a cp2102 chipset. So my setup is as follows:
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the next few days I hope.
>
> -Chris
> Kc8MUS
>

443. Re: [X1M_QRP-Transceiver] Re: HRD Success!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 18:49:22 UTC
From: George Allen
Topic: 430 Message: 443

So it is just a method of controlling the radio via computer?
Thanks, Chris.

On Jun 3, 2013, at 9:07 AM, "ballardian36" <kc8mus@...> wrote:

> Hi George,
>
> HRD for this rig for me mostly means bigger operating controls. The display on the x1m is TINY and the buttons make my fingers cramp as I'm scrolling through freq. HRD allows nice big numbers, easier slider to change freq, and even direct frequency input. Makes it a little nicer to use at home -- now on the road -- tiny controls it is!
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> --- In X1M_QRP-Transceiver@yahoogroups.com, George Allen <geonjod@...> wrote:
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>> I did google it, but still not clear. In a few words, what is the idea of HRD. Okay, I'm old.
>> Thanks
>> Kd0nme
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>> On Jun 3, 2013, at 1:33 AM, "ballardian36" <kc8mus@...> wrote:
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>>> Ok I did a mapping of the commands. I used CI-V test (http://www.plicht.de/ekki/software/civtest.html) to test the published command set of the 718 (http://www.icomcanada.com/products/amateur/ic-718/Amateur_IC-718%20Instruction%20Manual.pdf) while using this guide to guide the details of the commands (http://www.plicht.de/ekki/civ/civ-p41.html).
>>>
>>> Mostly it falls down the line as expected -- if you can do it from the front panel you can do it via CI-V commands. I'll write up the complete run down tomorrow but the most interesting thing I ran across is that the s-meter setting returns a value into HRD -- mine reads s4 constantly no matter what band I'm on.
>>>
>>> I don't have a good antenna or any other rig to compare it against so right now I can't tell if a) I just have s4 noise floor of sorts or b) it is a red herring reading that reruns but isn't true. I'm leaning towards B although I'd like it to be A. I look forward to hearing other people's experience with the s-meter setting to see if it is real or not.
>>>
>>> I'll translate my notes into a detailed post tomorrow if folks are interested in the exact commands it supports at this time.
>>>
>>> -Chris
>>> KC8MUS
>>>

>>>
>>>
>>> --- In X1M_QRP-Transceiver@yahoogroups.com, "ballardian36" <kc8mus@> wrote:
>>>>
>>>> Hey all,
>>>>
>>>> I got HRD to work with the x1m tonight. Based on Fred and Tim's pinout information I wired up a USB to TTL converter straight into a DB9 into the x1m. I'm using a cp2102 chipset. So my setup is as follows:
>>>>
>>>> USB TTL -> DB9
>>>> Ground ->Pin 5
>>>> TX -> Pin 3
>>>> RX -> Pin 2
>>>>
>>>> Baudrate is 19200
>>>> 8n1 standard serial setup
>>>>
>>>> I've read that the cp2012 boards might have their TX and RX pins silk screen reversed. So if it doesn't work for you flip the TX and RX with your USB TTL side and give it a go. I wired mine the way it should have worked and I had to flip mine.
>>>>
>>>> Oh also the address is the 5e of the 718.
>>>>
>>>> Thanks Fred and Tim for the pinout information! So far all I've done with it is to get it to connect and change the frequency. I'll be mapping out which commands are supported over the next few days I hope.
>>>>
>>>> -Chris
>>>> Kc8MUS
>>>
>>>
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>>>
>>> ------------------------------------
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>>> Yahoo! Groups Links
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> ------------------------------------
>
> Yahoo! Groups Links
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>

444. Output Power Problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 20:13:10 UTC
From: Terry
Topic: 420 Message: 444

FWIW, when my radio arrived a couple of weeks ago, it received well but there was no output power CW or SSB, nor did the mic light when keyed.Internal inspections showed nothing obvious & I tried the mic connection fixes with no success & made plans to ship it back. A final quick peek under the covers & still nothing seen.
One last check with the dummy load & bingo, full power(4-6W) out on CW everywhere except 18.1 where it's 3 Watts.
Dale at Kight Radio, who has been most helpful, advises that this has been a problem of the front panel not making good contact & that removing & replacing the front panel has often resolved issue.
This is next on my to do list even thought it continues to function correctly.
And, if anyone is interested, I have measured CW output power at every even Mhz. from 1-30 as well as within each amateur band.
73, Terry, VE7TEB

445. Re: [X1M_QRP-Transceiver] HRD Success!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-03 23:31:25 UTC
From: Tony VK2AJF
Topic: 430 Message: 445

Hi George,

The nice HRD suit provides direct access to several digital modes (eg PSK, slow scan TV), and also provides control and data to several other interesting and popular digital mode programs such as JT65-HF and the new WSJT-X software.

A 5W rig is just about right for the WSJT modes, as long as it doesn't mind a 30 second full power key-down.

Cheers,

Tony VK2AJF
Castle Hill, Sydney.

On Tuesday, June 4, 2013, George Allen wrote:

> **
>
>
> So it is just a method of controlling the radio via computer?
> Thanks, Chris.
>
> On Jun 3, 2013, at 9:07 AM, "ballardian36" <kc8mus@...<javascript:_e({}, 'cvml', 'kc8mus%40arrl.net');>>
> wrote:
>
> > Hi George,
> >
> > HRD for this rig for me mostly means bigger operating controls. The
> display on the x1m is TINY and the buttons make my fingers cramp as I'm
> scrolling through freq. HRD allows nice big numbers, easier slider to
> change freq, and even direct frequency input. Makes it a little nicer to
> use at home -- now on the road -- tiny controls it is!
> >
> > -Chris
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com <javascript:_e({}, 'cvml',
> 'X1M_QRP-Transceiver%40yahoogroups.com');>, George Allen <geonjod@...>
> wrote:
> >>
> >> I did google it, but still not clear. In a few words, what is the idea
> of HRD. Okay, I'm old.
> >> Thanks
> >> Kd0nme
> >>

> >> On Jun 3, 2013, at 1:33 AM, "ballardian36" <kc8mus@...> wrote:
> >>
> >>> Ok I did a mapping of the commands. I used CI-V test (
> http://www.plicht.de/ekki/software/civtest.html) to test the published
> command set of the 718 (
> http://www.icomcanada.com/products/amateur/ic-718/Amateur_IC-718%20Instruction%20Manual.
pdf)
> while using this guide to guide the details of the commands (
> http://www.plicht.de/ekki/civ/civ-p41.html).
> >>>
> >>> Mostly it falls down the line as expected -- if you can do it from the
> front panel you can do it via CI-V commands. I'll write up the complete run
> down tomorrow but the most interesting thing I ran across is that the
> s-meter setting returns a value into HRD -- mine reads s4 constantly no
> matter what band I'm on.
> >>>
> >>> I don't have a good antenna or any other rig to compare it against so
> right now I can't tell if a) I just have s4 noise floor of sorts or b) it
> is a red herring reading that reruns but isn't true. I'm leaning towards B
> although I'd like it to be A. I look forward to hearing other people's
> experience with the s-meter setting to see if it is real or not.
> >>>
> >>> I'll translate my notes into a detailed post tomorrow if folks are
> interested in the exact commands it supports at this time.
> >>>
> >>> -Chris
> >>> KC8MUS
> >>>
> >>>
> >>>
> >>> --- In X1M_QRP-Transceiver@yahoogroups.com <javascript:_e({}, 'cvml',
> 'X1M_QRP-Transceiver%40yahoogroups.com');>, "ballardian36" <kc8mus@>
> wrote:
> >>>>
> >>>> Hey all,
> >>>>
> >>>> I got HRD to work with the x1m tonight. Based on Fred and Tim's
> pinout information I wired up a USB to TTL converter straight into a DB9
> into the x1m. I'm using a cp2102 chipset. So my setup is as follows:
> >>>>
> >>>> USB TTL -> DB9
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> screen reversed. So if it doesn't work for you flip the TX and RX with your

> USB TTL side and give it a go. I wired mine the way it should have worked
> and I had to flip mine.
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> >>>> Oh also the address is the 5e of the 718.
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> >>>> Thanks Fred and Tim for the pinout information! So far all I've done
> with it is to get it to connect and change the frequency. I'll be mapping
> out which commands are supported over the next few days I hope.
> >>>>
> >>>> -Chris
> >>>> Kc8MUS
> >>>
> >>>
> >>>
> >>>
> >>> ------------------------------------
> >>>
> >>> Yahoo! Groups Links
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> > ------------------------------------
> >
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Sent from Gmail Mobile

446. Re: HRD Success!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-04 00:35:56 UTC
From: w2ndg_neil
Topic: 430 Message: 446

That's great Chris,

I never thought about that. I have a cable that I use on my Baofeng UVR3 which is actually for an older RS scanner,and I made an adapter for the 4-cond UV3R jack. I could just make another adapter. I always thought most of these HTs were serial. I need to research this.

Thanks for the info!

--Neil W2NDG

--- In X1M_QRP-Transceiver@...m, "ballardian36" <kc8mus@...> wrote:
>
> Hi Neil,
>
> That should work just fine.
>
> I used this cheapy from ebay last night -- $2.68 + free shipping. Took a little over a week to get here but no problems besides that. Driver installed no problem on windows and automatically recognized in Linux.
(http://www.ebay.com/itm/330616868559?ssPageName=STRK:MEWNX:IT&_trksid=p3984.m1439.l2649).
>
> The other thing is if you have a programming cable for any other radio you likely can use that with an adaptor for the x1m. For example -- my wouxun cable is identical to the kenwood PG-4y cable. As you can see here --
(http://www.kenwood.com/i/products/info/amateur/pg4s_4y.html) to make it work with the x1m theoretically all I'd have to do is take the 2.5 mm shield -> pin 5, 2.5mm ring -> pin 3, 3.5 mm sleeve -> pin 2.
>
> Most of these programming cables are a USB -> TTL level converter with the pins in different formats for each manufacturer.
>
> DISCLAIMER/CAUTION -- I haven't tried to convert a pre-fab cable to use with the x1m yet so try at your own risk.
>
> -Chris
> KC8MUS
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "w2ndg_neil" <neilgoldstein@> wrote:
> >
> > How would this work:
> >
> > http://www.adafruit.com/products/954#Description
> > USB to TTL Serial Cable - Debug / Console Cable for Raspberry Pi
> >
> > It's a 3.3 volt TTL to USB converter. The USB end uses a PL2303HX.A Prolific Serial-USB chip. I can just drop the connectors onto the pins of a DB9.

> >
> > By the way - 20M USB contact with a club station on PEI from here on Long Island Saturday, with pretty crappy band conditions. Not too shabby.
> >
> > --Neil - W2NDG
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "ballardian36" <kc8mus@> wrote:
> > >
> > > Hey all,
> > >
> > > I got HRD to work with the x1m tonight. Based on Fred and Tim's pinout information I wired up a USB to TTL converter straight into a DB9 into the x1m. I'm using a cp2102 chipset. So my setup is as follows:
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> > > I've read that the cp2012 boards might have their TX and RX pins silk screen reversed. So if it doesn't work for you flip the TX and RX with your USB TTL side and give it a go. I wired mine the way it should have worked and I had to flip mine.
> > >
> > > Oh also the address is the 5e of the 718.
> > >
> > > Thanks Fred and Tim for the pinout information! So far all I've done with it is to get it to connect and change the frequency. I'll be mapping out which commands are supported over the next few days I hope.
> > >
> > > -Chris
> > > Kc8MUS
> > >
> >
>

447. Re: HRD Success!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-04 01:02:58 UTC
From: w2ndg_neil
Topic: 430 Message: 447

Chris,

For this one, explain which pins you used. I'm assuming TXD, RXD, GND.

Thanks!

--Neil W2NDG

--- In X1M_QRP-Transceiver@yahoogroups.com, "ballardian36" <kc8mus@...> wrote:
>
> Hi Neil,
>
> That should work just fine.
>
> I used this cheapy from ebay last night -- $2.68 + free shipping. Took a little over a week to get here but no problems besides that. Driver installed no problem on windows and automatically recognized in Linux. (http://www.ebay.com/itm/330616868559?ssPageName=STRK:MEWNX:IT&_trksid=p3984.m1439.l2649).
>
> The other thing is if you have a programming cable for any other radio you likely can use that with an adaptor for the x1m. For example -- my wouxun cable is identical to the kenwood PG-4y cable. As you can see here -- (http://www.kenwood.com/i/products/info/amateur/pg4s_4y.html) to make it work with the x1m theoretically all I'd have to do is take the 2.5 mm shield -> pin 5, 2.5mm ring -> pin 3, 3.5 mm sleeve -> pin 2.
>
> Most of these programming cables are a USB -> TTL level converter with the pins in different formats for each manufacturer.
>
> DISCLAIMER/CAUTION -- I haven't tried to convert a pre-fab cable to use with the x1m yet so try at your own risk.
>
> -Chris
> KC8MUS
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "w2ndg_neil" <neilgoldstein@> wrote:
> >
> > How would this work:
> >
> > http://www.adafruit.com/products/954#Description
> > USB to TTL Serial Cable - Debug / Console Cable for Raspberry Pi
> >
> > It's a 3.3 volt TTL to USB converter. The USB end uses a PL2303HX.A Prolific Serial-USB chip. I can just drop the connectors onto the pins of a DB9.
> >
> > By the way - 20M USB contact with a club station on PEI from here on Long Island

Saturday, with pretty crappy band conditions. Not too shabby.
> >
> > --Neil - W2NDG
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "ballardian36" <kc8mus@> wrote:
> > >
> > > Hey all,
> > >
> > > I got HRD to work with the x1m tonight. Based on Fred and Tim's pinout information I wired up a USB to TTL converter straight into a DB9 into the x1m. I'm using a cp2102 chipset. So my setup is as follows:
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> > > USB TTL -> DB9
> > > Ground ->Pin 5
> > > TX -> Pin 3
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> > >
> > > Baudrate is 19200
> > > 8n1 standard serial setup
> > >
> > > I've read that the cp2012 boards might have their TX and RX pins silk screen reversed. So if it doesn't work for you flip the TX and RX with your USB TTL side and give it a go. I wired mine the way it should have worked and I had to flip mine.
> > >
> > > Oh also the address is the 5e of the 718.
> > >
> > > Thanks Fred and Tim for the pinout information! So far all I've done with it is to get it to connect and change the frequency. I'll be mapping out which commands are supported over the next few days I hope.
> > >
> > > -Chris
> > > Kc8MUS
> > >
> >
>

448. Re: X1M variable power output & keyer problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-04 01:50:03 UTC
From: nvolle@sbcglobal.net
Topic: 405 Message: 448

Thanks Mark for the feedback on the keyer and output problem confirming what I am experiencing.

Would it seem likely to you that all of the transceivers are having this same problem?

I am unable to use mine until I get a fix for it. If all the others have the same problem---I don't see how they can be using it for CW. What do you think? Nathan, KQ9V

--- In X1M_QRP-Transceiver@yahoogroups.com, "pal350" <pal350@...> wrote:
>
>
>
>
> Yep, my set does the very same thing. I just hadn't gotten around to testing CW yet other than blipping a straight key a couple times just to see if anything came out.
>
> With the keyer turned on and sending a series of dits at 25 WPM, the power will drop every two seconds or so. It looks cyclic to me. Being a software type originally, that makes me guess it's a bug in the firmware, not the hardware. Not having a schematic or even a block diagram is tough, but I'm guessing they implemented the keyer in the firmware, maybe with interrupts or timing loops.
>
> This is receive audio recorded off a local receiver.
>
> http://www.mmfrancis.com/ES1/X1M_CW_25WPM_dits.wav
>
> Note that the SIDETONE audio from the X1M sounds okay. I tried sending fast dits manually with the keyer in MANUAL mode and I think the same effect is happening.
>
> We may have another major bug. :(
>
> --Mark
> KI0PF
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "nvolle@" <nvolle@> wrote:
> >
> > Topic----X1M variable power output problem---and
> > keyer dropping characters.
> >
> > I think this is a promising QRP transceiver and look forward to using it when the bugs are worked out. I encountered a problem though, on my second 40 meter CW contact when I was told I was dropping characters.
> >
> > I hooked the X1M to a dummy load and sure enough, when sending a string of letters----it would definitely drop parts of letters at seemingly random times.

> >
> > Just to be sure it was not related to the transmit / receive delay setting----I tried it from a setting of 1 to 5 seconds all with the same result.
> >
> > I thought something else might be going on too, and so for the second test I listened to the X1M's signal on my Yaseu FT-900 as I sent CW on 7.028 Mhz into the dummy load.
> >
> > I received a strong signal on the FT-900 from the X1M for a few minutes---but then the signal would fade intermittently. Sometimes strong---sometimes weak---and then back and forth from strong to weak as I continued to send CW, (and by the way still with randomly missed parts of characters).
> >
> > Then I hooked it up to a dummy load and an SWR / POWER meter and could see the same thing happening on the power meter when sending a long series of dits. The power would drop way down almost every 20 dits and then came back up.
> >
> > Again, just to be sure it was not related to the transmit / receive delay setting----I tried it from a setting of 1 to 5 seconds but with the same result.
> >
> > I am just wondering if anyone else has had any similar experiences---and could possibly suggest some solutions? Thanks! Nathan Volle,KQ9V
> >
>

449. Re: HRD Success!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-04 03:53:14 UTC
From: ballardian36
Topic: 430 Message: 449

That's correct Neil!

The pins I used are as follows:

Computer -> Radio
GND -> GND
TX -> RX
RX -> TX

If that doesn't work flip the RX/TX pins.

I'd expect it to work. I know I was able to convert my Wouxun cable into a Kenwood G707 cable this way -- just redirect the pins.

Let us know how it goes!
-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, "w2ndg_neil" <neilgoldstein@...> wrote:
>
> Chris,
>
> For this one, explain which pins you used. I'm assuming TXD, RXD, GND.
>
> Thanks!
>
> --Neil W2NDG
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "ballardian36" <kc8mus@> wrote:
> >
> > Hi Neil,
> >
> > That should work just fine.
> >
> > I used this cheapy from ebay last night -- $2.68 + free shipping. Took a little over a week to get here but no problems besides that. Driver installed no problem on windows and automatically recognized in Linux. (http://www.ebay.com/itm/330616868559?ssPageName=STRK:MEWNX:IT&_trksid=p3984.m1439.l2649).
> >
> > The other thing is if you have a programming cable for any other radio you likely can use that with an adaptor for the x1m. For example -- my wouxun cable is identical to the kenwood PG-4y cable. As you can see here -- (http://www.kenwood.com/i/products/info/amateur/pg4s_4y.html) to make it work with the x1m theoretically all I'd have to do is take the 2.5 mm shield -> pin 5, 2.5mm ring -> pin 3, 3.5 mm sleeve -> pin 2.
> >
> > Most of these programming cables are a USB -> TTL level converter with the pins in

different formats for each manufacturer.
> >
> > DISCLAIMER/CAUTION -- I haven't tried to convert a pre-fab cable to use with the x1m yet so try at your own risk.
> >
> > -Chris
> > KC8MUS
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "w2ndg_neil" <neilgoldstein@> wrote:
> > >
> > > How would this work:
> > >
> > > http://www.adafruit.com/products/954#Description
> > > USB to TTL Serial Cable - Debug / Console Cable for Raspberry Pi
> > >
> > > It's a 3.3 volt TTL to USB converter. The USB end uses a PL2303HX.A Prolific Serial-USB chip. I can just drop the connectors onto the pins of a DB9.
> > >
> > > By the way - 20M USB contact with a club station on PEI from here on Long Island Saturday, with pretty crappy band conditions. Not too shabby.
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> > > --Neil - W2NDG
> > >
> > > --- In X1M_QRP-Transceiver@yahoogroups.com, "ballardian36" <kc8mus@> wrote:
> > > >
> > > > Hey all,
> > > >
> > > > I got HRD to work with the x1m tonight. Based on Fred and Tim's pinout information I wired up a USB to TTL converter straight into a DB9 into the x1m. I'm using a cp2102 chipset. So my setup is as follows:
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> > > > RX -> Pin 2
> > > >
> > > > Baudrate is 19200
> > > > 8n1 standard serial setup
> > > >
> > > > I've read that the cp2012 boards might have their TX and RX pins silk screen reversed. So if it doesn't work for you flip the TX and RX with your USB TTL side and give it a go. I wired mine the way it should have worked and I had to flip mine.
> > > >
> > > > Oh also the address is the 5e of the 718.
> > > >
> > > > Thanks Fred and Tim for the pinout information! So far all I've done with it is to get it to connect and change the frequency. I'll be mapping out which commands are supported over the next few days I hope.
> > > >
> > > > -Chris
> > > > Kc8MUS

> > > >
> > >
> >
>

450. Re: power supply

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-04 13:26:08 UTC
From: W3FIS
Topic: 315 Message: 450

For my various QRP rigs (Yaesu FT817ND, Norcal 40A, MFJ Cub, etc.), I use a variety of things. For field use, a 5 AH SLA cell. Main QTH use, that SLA "floating" on a charger, or a 3A Samlex with some extra hash filtering, or my aux 7 amp output from my MFJ-4225MV, which powers my 2m/70cm rig.

When I get my X1M (late June, hopefully), I'll likely use the SLA.

73 /paul W3FIS

451. Re: [X1M_QRP-Transceiver] Re: power supply

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-04 15:29:49 UTC
From: Charlie , W5COV
Topic: 315 Message: 451

I plan on trying to build me a matching power supply for it . Mine should be in the same shipment as yours Paul , and I already have a sketch pad of preliminary drawings for matching accessories that I want to use with mine and look like they were made to go with it .The accessories will take up more room on the bench than the radio :) I also have a12 volt battery plug in the travel trailer if the electric goes off .

If we get the current draw down on receive , I could also go with a SLA "floating" on a small solar panel , for power . Just have to get the radio in hand and take some measurements the way I will use the basic radio . A solar powered system would be nice .

Charlie , W5COV

> For my various QRP rigs (Yaesu FT817ND, Norcal 40A, MFJ Cub, etc.), I
> use a variety of things. For field use, a 5 AH SLA cell. Main QTH use,
> that SLA "floating" on a charger, or a 3A Samlex with some extra hash
> filtering, or my aux 7 amp output from my MFJ-4225MV, which powers my
> 2m/70cm rig.
>
> When I get my X1M (late June, hopefully), I'll likely use the SLA.
>
> 73 /paul W3FIS
>
>

452. X1M. For sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-04 15:44:28 UTC
From: Papadad
Topic: 398 Message: 452

FS: X1M and all accessories as new. Used less than 1 hour. $239 shipped. I prefer Not to carry it back to china with me.... Shipped free from California. PayPal ok

Cool rig. But I want to be all mode so going with a much more expensive. 817nd.

Joe.

K7JOE / BY1

453. Re: [X1M_QRP-Transceiver] Re: power supply

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-04 16:23:40 UTC
From: Bob Knollman
Topic: 315 Message: 453

Charlie -- any chance you might want to share your sketch pad. I am new to the hobby and qrp, and am particularly looking for antenna/tuner/balun/unun ideas for a lightweight backpack/emcomm rig.

Thanks for sharing! 73!
KD8QZE/bob

On Tue, Jun 4, 2013 at 11:29 AM, Charlie , W5COV <cvest@...> wrote:

> **
>
>
>
> I plan on trying to build me a matching power supply for it . Mine should
> be in the same shipment as yours Paul , and I already have a sketch pad of
> preliminary drawings for matching accessories that I want to use with mine
> and look like they were made to go with it .The accessories will take up
> more room on the bench than the radio :) I also have a12 volt battery plug
> in the travel trailer if the electric goes off .
>
> If we get the current draw down on receive , I could also go with a SLA
> "floating" on a small solar panel , for power . Just have to get the radio
> in hand and take some measurements the way I will use the basic radio . A
> solar powered system would be nice .
>
> Charlie , W5COV
>
>
>
> For my various QRP rigs (Yaesu FT817ND, Norcal 40A, MFJ Cub, etc.), I use
> a variety of things. For field use, a 5 AH SLA cell. Main QTH use, that SLA
> "floating" on a charger, or a 3A Samlex with some extra hash filtering, or
> my aux 7 amp output from my MFJ-4225MV, which powers my 2m/70cm rig.
>
> When I get my X1M (late June, hopefully), I'll likely use the SLA.
>
> 73 /paul W3FIS
>
>
>
>

454. Re: power supply

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-04 18:38:39 UTC
From: ballardian36
Topic: 315 Message: 454

Thats a good idea! Thanks Mark.

--- In X1M_QRP-Transceiver@yahoogroups.com, Mark Thompson <mhtent@...> wrote:
>
> I purchased a LCD monitor power supply. It looks like a laptop power supply
> but rated at 12V @ 4amps. Ebay for about $7.
> 73
> Mark....KV8T
> On May 20, 2013 8:32 AM, "cammcomm" <rrc@...> wrote:
>
> > **
> > >
> > >
> > > Just got this little radio set up over the weekend. No problems with the
> > > one I have. I really like it.
> > > I would be interested in what power supply you are using in the shack or
> > > portable.
> > > For now I am simply using a couple of lantern batteries. With the back
> > > light and preamp off.
> > >
> > >
> > >
> >

455. Re: power supply

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-04 19:21:46 UTC
From: W3FIS
Topic: 315 Message: 455

OK, my QRP accessory kit.

SLA gel cell or Samlex 3 amp supply
LDG Z817 or MFJ-901 "Travel Tuner."
Vanco "CB" SWR meter, or QRP kits SWR bridge
Small headphones
Key - American Morse "Portapaddle" or Whiterook key

I fit everything in a "Sportman's Dry Box," like you use for shotgun shell, etc. Has a nice "O" ring dust/moisture seal

73 /paul W3FIS

457. New X1M For Sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-06 04:05:39 UTC
From: kg0ew
Topic: 457 Message: 457

I received the radio this week; opened the box to verify contents, then put it back in the box. I just don't have time now to tinker with this radio.

Radio with domestic shipping: $280

Prefer check or cash, but will accept PayPal. Photos on request. QTH is near Boulder, CO; if local pickup+cash will sell for $270.

73,
David, KG0EW

458. Speaker Jack

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-10 01:45:37 UTC
From: ka8wtk
Topic: 458 Message: 458

I may or may not have a problem with the speaker jack.
If I plug a speaker (mono) into the rig I get audio but very low. In fact it is lower than the internal speaker. If the plug is only in part way, so the internal speaker is not cut off, I get all kinds of volume.
Is this not a mono style jack or is this other than an 8 ohm output?
What is your experience?

Bill

459. Re: [X1M_QRP-Transceiver] Speaker Jack

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-10 16:59:24 UTC
From: Mark Thompson
Topic: 458 Message: 459

It is a stereo jack. I experienced the same thing when you plug it in
partially. I plan on playing around with the stereo jack that came with it
to connect to a mono speaker. I currently have it plugged into an old pair
of amplified stereo speakers from an old computer, they sound great.
73
Mark (KV8T)
On Jun 9, 2013 9:45 PM, "ka8wtk" <ka8wtk@...> wrote:

> **
>
>
> I may or may not have a problem with the speaker jack.
> If I plug a speaker (mono) into the rig I get audio but very low. In fact
> it is lower than the internal speaker. If the plug is only in part way, so
> the internal speaker is not cut off, I get all kinds of volume.
> Is this not a mono style jack or is this other than an 8 ohm output?
> What is your experience?
>
> Bill
>
>
>

460. Re: Speaker Jack

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-10 18:05:50 UTC
From: W3FIS
Topic: 458 Message: 460

It is a stereo jack. If you want mono operation, use a stereo plug, but don't use the "ring" -- let it float/do not connect.

In general, most QRP rigs are designed to be used with "drugstore" headphones or ear buds.

73 /paul W3FIS

461. Conjectures

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-10 18:08:36 UTC
From: W3FIS
Topic: 461 Message: 461

Those first two parameters...

I believe the first one is the ratio between the internal clock in the CPU and the bus -- 6x, or 1x.

My bet it that the second parameter is the relationship between the crystal on the CPU and the frequency synthesizer -- if someone has a laboratory quality frequency counter, you could check that out.

Just my 2 cents.

Any more word on the shipment at the end of the month?

73 /paul W3FIS

462. Re: Speaker Jack

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-10 18:21:48 UTC
From: ka8wtk
Topic: 458 Message: 462

"Ah", he said. I'll try a stereo jack tonight and see what happens.

THANKS!

463. Digital modes?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-10 19:29:24 UTC
From: W3FIS
Topic: 463 Message: 463

Looking ahead, has anyone tried digital modes (PSK-31, etc)?? Looks like you could use a SignaLink USB interface. Audio from back jack, input to mic jack, as well as PPT.

Is the mic plug 3 or 4 connector? I note (I think)in photos of the microphone that there is a provision for an external headphone, such as are used in most of the Chinese HTs. Same style as my speaker microphone for my Wouxuns and Baofengs.

Any insights?

73 /paul W3FIS

464. Tuners

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-10 19:53:03 UTC
From: Rich
Topic: 464 Message: 464

What tuners are being used?I want to try mine mobil and the signal will need all the help it can get.

Thanks,Rich KC8HMJ

465. Re: [X1M_QRP-Transceiver] Tuners

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-10 19:55:53 UTC
From: Mark Thompson
Topic: 464 Message: 465

I have an AEA 300 watt manual tuner at home. I have also used my MFJ Versa Tuner II portable at the QRPTTF contest back in April. Both work great.
73
Mark (KV8T)
On Jun 10, 2013 3:53 PM, "Rich" <radioman@...> wrote:

> **
>
>
> What tuners are being used?I want to try mine mobil and the signal will
> need all the help it can get.
>
> Thanks,Rich KC8HMJ
>
>
>

466. Re: [X1M_QRP-Transceiver] Speaker Jack

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-10 20:40:46 UTC
From: Auto_Prof1
Topic: 458 Message: 466

One of these in the appropriate size seems to work fine.

http://www.radioshack.com/product/index.jsp?productId=2102690

From: Mark Thompson <mhtent@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, June 10, 2013 12:59 PM
Subject: Re: [X1M_QRP-Transceiver] Speaker Jack

It is a stereo jack. I experienced the same thing when you plug it in partially. I plan on playing around with the stereo jack that came with it to connect to a mono speaker. I currently have it plugged into an old pair of amplified stereo speakers from an old computer, they sound great.
73
Mark (KV8T)
On Jun 9, 2013 9:45 PM, "ka8wtk" <ka8wtk@...> wrote:

>
>I may or may not have a problem with the speaker jack.
>If I plug a speaker (mono) into the rig I get audio but very low. In fact it is lower than the internal speaker. If the plug is only in part way, so the internal speaker is not cut off, I get all kinds of volume.
>Is this not a mono style jack or is this other than an 8 ohm output?
>What is your experience?
>
>Bill
>
>

467. Go-Box

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-10 21:34:13 UTC
From: Auto_Prof1
Topic: 467 Message: 467
Attachments: 2 described; binary payloads are missing from this source WARC

Attached are some pictures in PDF format of the Go-Box I've put together with my X1M. Ready for Field-Day and just general fun. Battery is a 7 Amp Hour battery used to supply a hunter's stealth cam for long periods of time, got it on sale at a Gander Mountain. Powers the X1M for hours. Pair of Sony Noise cancelling headphones that work great. A 40 meter Par End-Fedz antenna and associated cables and adapters, along with a small straight key and single paddle keyer, all fits in an ammo box. Life is great !

Also carry a homemade antenna launcher I threw together with left-over PVC pipe and a $6 reel from Walmart and a $4 slingshot from the same place. Works great ! Get's that 40 meter antenna suspended in no time.

Chip - K9MIT

468. Re: Go-Box

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-10 21:36:32 UTC
From: W3FIS
Topic: 467 Message: 468

You will need to put the photos in the "Photo" section of this news group.

73 /paul W3FIS

469. Re: Tuners

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-10 21:38:11 UTC
From: W3FIS
Topic: 464 Message: 469

I plan on using either:

1. QRP Kits SOTA tuner.
2. MFJ-902 "Travel" tuner with QRP kits SWR indicator
3. LDG Z817 auto tuner from my FT-817ND system.

73 /paul W3FIS

470. RE: [X1M_QRP-Transceiver] Go-Box

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-10 21:51:57 UTC
From: K2AHU
Topic: 467 Message: 470
Attachments: 2 described; binary payloads are missing from this source WARC

Very innovative. I like it. 8^)

How's the inside of the box look? Standard anti-static foam or something else?

Wess Tester, K2AHU

QTH: KP2

<http://www.vihamradio.org/> www.vihamradio.org

:o)

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Auto_Prof1
Sent: Monday, June 10, 2013 17:34
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Go-Box

Attached are some pictures in PDF format of the Go-Box I've put together with my X1M. Ready for Field-Day and just general fun. Battery is a 7 Amp Hour battery used to supply a hunter's stealth cam for long periods of time, got it on sale at a Gander Mountain. Powers the X1M for hours. Pair of Sony Noise cancelling headphones that work great. A 40 meter Par End-Fedz antenna and associated cables and adapters, along with a small straight key and single paddle keyer, all fits in an ammo box. Life is great !

Also carry a homemade antenna launcher I threw together with left-over PVC pipe and a $6 reel from Walmart and a $4 slingshot from the same place. Works great ! Get's that 40 meter antenna suspended in no time.

Chip - K9MIT

471. Re: [X1M_QRP-Transceiver] Go-Box

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-10 21:57:26 UTC
From: Auto_Prof1
Topic: 467 Message: 471
Attachments: 2 described; binary payloads are missing from this source WARC

Standard AS foam.

From: K2AHU <k2ahu@earthlink.net>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, June 10, 2013 5:51 PM
Subject: RE: [X1M_QRP-Transceiver] Go-Box

Very innovative… I like it. 8^)

How’s the inside of the box look?
Standard anti-static foam or something else?

Wess Tester, K2AHU
QTH: KP2
www.vihamradio.org
:o)

From:X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Auto_Prof1
Sent: Monday, June 10, 2013 17:34
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Go-Box

Attached are some pictures in PDF format of the Go-Box I've put
together with my X1M. Ready for Field-Day and just general fun.
 Battery is a 7 Amp Hour battery used to supply a hunter's stealth cam for
long periods of time, got it on sale at a Gander Mountain. Powers the X1M
for hours. Pair of Sony Noise cancelling headphones that work great.
 A 40 meter Par End-Fedz antenna and associated cables and adapters, along
with a small straight key and single paddle keyer, all fits in an ammo box.
 Life is great !

Also carry a
homemade antenna launcher I threw together with left-over PVC pipe and a $6
reel from Walmart and a $4 slingshot from the same place. Works great !
 Get's that 40 meter antenna suspended in no time.

Chip - K9MIT

472. Re: Speaker Jack

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-10 22:06:34 UTC
From: ka8wtk
Topic: 458 Message: 472

OK, here is what I found .....
Letting the ring float, you get output to the speaker, but very low volume. However, there is plenty of drive for a light weight set of stereo head phones. (Resistor in line so you don't blow out your ears?)
Looks like for home a set of amplified speakers may be the trick.

Bill

473. Re: [X1M_QRP-Transceiver] Re: Speaker Jack

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-10 22:09:31 UTC
From: Auto_Prof1
Topic: 458 Message: 473

I used a set of Sony noise cancelling headphones with the X1M and they work great !

From: ka8wtk <ka8wtk@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, June 10, 2013 6:06 PM
Subject: [X1M_QRP-Transceiver] Re: Speaker Jack

OK, here is what I found .....
Letting the ring float, you get output to the speaker, but very low volume. However, there is plenty of drive for a light weight set of stereo head phones. (Resistor in line so you don't blow out your ears?)
Looks like for home a set of amplified speakers may be the trick.

Bill

474. Re: [X1M_QRP-Transceiver] Re: Speaker Jack

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-10 22:12:19 UTC
From: Colin McDonald
Topic: 458 Message: 474

try bridging the tip and ring. This will probably bring the speaker volume up to normal levels.
If you get plenty of drive out of a pair of headphones, then obviously the output is speaker level so a regular external speaker should be producing normal volume.
Dumb question, but this speaker you are using works fine on other output sources right?

regards
Colin
----- Original Message -----
From: ka8wtk
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, June 10, 2013 4:06 PM
Subject: [X1M_QRP-Transceiver] Re: Speaker Jack

OK, here is what I found .....
Letting the ring float, you get output to the speaker, but very low volume. However, there is plenty of drive for a light weight set of stereo head phones. (Resistor in line so you don't blow out your ears?)
Looks like for home a set of amplified speakers may be the trick.

Bill

475. Re: [X1M_QRP-Transceiver] Re: Speaker Jack

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-10 22:19:25 UTC
From: Colin McDonald
Topic: 458 Message: 475

the output of the x1m is a split mono signal...so even though it's mono, the jack on the radio sends half to the ring, and half to the tip. That's why you get audio in both ears of a set of stereo headphones. The audio output isn't stereo itself.
So, when you connect an external speaker, you should tie the tip and ring of a stereo plug together to achieve the appropriate loudness from the speaker.
Otherwise, it'll literally be half the volume it should be.
When you use a mono plug, and pull it out a little bit, the tip is actually shorting against the ring and tip contacts inside the jack and that's why you get the right loudness when you do that.
However, if you use a stereo plug, and leave the ring floating, the speaker is only getting half of the split mono signal.

73
Colin
----- Original Message -----
From: Auto_Prof1
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, June 10, 2013 4:09 PM
Subject: Re: [X1M_QRP-Transceiver] Re: Speaker Jack

I used a set of Sony noise cancelling headphones with the X1M and they work great !

From: ka8wtk <ka8wtk@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, June 10, 2013 6:06 PM
Subject: [X1M_QRP-Transceiver] Re: Speaker Jack

OK, here is what I found .....
Letting the ring float, you get output to the speaker, but very low volume. However, there is plenty of drive for a light weight set of stereo head phones. (Resistor in line so you don't blow out your ears?)
Looks like for home a set of amplified speakers may be the trick.

Bill

476. Re: [X1M_QRP-Transceiver] Re: Speaker Jack

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-10 22:29:57 UTC
From: Auto_Prof1
Topic: 458 Message: 476

Thanks Colin !!!!!!!!

73's

Chip - K9MIT

_____
From: Colin McDonald <blulemon@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, June 10, 2013 6:19 PM
Subject: Re: [X1M_QRP-Transceiver] Re: Speaker Jack

☐
the output of the x1m is a split mono signal...so
even though it's mono, the jack on the radio sends half to the ring, and half to
the tip. That's why you get audio in both ears of a set of stereo
headphones. The audio output isn't stereo itself.
So, when you connect an external speaker, you
should tie the tip and ring of a stereo plug together to achieve the appropriate
loudness from the speaker.
Otherwise, it'll literally be half the volume it
should be.
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bit, the tip is actually shorting against the ring and tip contacts inside the
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However, if you use a stereo plug, and leave the
ring floating, the speaker is only getting half of the split mono
signal.

73
Colin
----- Original Message -----
>From: Auto_Prof1
>To: X1M_QRP-Transceiver@yahoogroups.com
>Sent: Monday, June 10, 2013 4:09 PM
>Subject: Re: [X1M_QRP-Transceiver] Re: Speaker Jack
>
>
>I used a set of Sony noise cancelling headphones with the X1M and they work great !
>
>
>
>_____
> From: ka8wtk <ka8wtk@...>
>To: X1M_QRP-Transceiver@yahoogroups.com
>Sent: Monday, June 10, 2013 6:06 PM

>Subject: [X1M_QRP-Transceiver] Re: Speaker Jack
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output to the speaker, but very low volume. However, there is plenty of drive
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blow out your ears?)
>Looks like for home a set of amplified speakers may be
the trick.
>
>Bill
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477. Re: Tuners

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-10 22:51:47 UTC
From: ka8wtk
Topic: 464 Message: 477

This last weekend I was using a 300 watt MFJ tuner and a Hamstick mounted on the motorhome ladder railing. It seemed to work well.
I would like to know if anyone has tried the Elecraft auto QRP tuner.

Bill

478. Re: Tuners

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-11 00:55:02 UTC
From: w2ndg_neil
Topic: 464 Message: 478

Rich,

I'm using an Emtech ZM2 QRP tuner. Great little z-match tuner with an SWR indicator LED. That with my random wire in the trees here has been working great. Used it portable a couple of times too with very good results. I've been heard in Florida, Columbia, Venezuela, and this past weekend, Czechoslovakia from Long Island.

Excellent reviews on e-Ham http://www.eham.net/reviews/detail/445

--Neil W2NDG

--- In X1M_QRP-Transceiver@yahoogroups.com, "Rich" <radioman@...> wrote:
>
> What tuners are being used?I want to try mine mobil and the signal will need all the help it can get.
>
> Thanks,Rich KC8HMJ
>

479. RE: [X1M_QRP-Transceiver] Re: Tuners

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-11 01:16:19 UTC
From: Steve Rish
Topic: 464 Message: 479

Neil, what length random wire and counter poise are you using? I have the same tuner.
73,

Steve

To: X1M_QRP-Transceiver@yahoogroups.com
From: neilgoldstein@...
Date: Tue, 11 Jun 2013 00:55:02 +0000
Subject: [X1M_QRP-Transceiver] Re: Tuners

Rich,

I'm using an Emtech ZM2 QRP tuner. Great little z-match tuner with an SWR indicator LED. That with my random wire in the trees here has been working great. Used it portable a couple of times too with very good results. I've been heard in Florida, Columbia, Venezuela, and this past weekend, Czechoslovakia from Long Island.

Excellent reviews on e-Ham http://www.eham.net/reviews/detail/445

--Neil W2NDG

--- In X1M_QRP-Transceiver@yahoogroups.com, "Rich" <radioman@...> wrote:

>

> What tuners are being used?I want to try mine mobil and the signal will need all the help it can get.

>

> Thanks,Rich KC8HMJ

>

480. Re: Tuners

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-11 10:45:31 UTC
From: w2ndg_neil
Topic: 464 Message: 480

Steve,

Here at home it's just short of 60 feet in the trees. Goes straight out about 35 feet and then turns right for about 25 feet. I have that on a Balun Designs 9:1 unun. The counterpoise is out on the roof/overhang and is only about 12 feet. I find that on some bands it's better without so I have it on an alligator clip for easy disconnect.

Portable it's about 40 feet of wire, and a 25 foot counterpoise. Seems to work fine without the 9:1 in the mix, and I don't always need the cp. 40 feet without a cp, hooked directly to the ZM2 got me the 2 South American contacts.

--Neil

--- In X1M_QRP-Transceiver@yahoogroups.com, Steve Rish <k8sar@...> wrote:
>
> Neil, what length random wire and counter poise are you using? I have the same tuner.
> 73,
>
>
>
> Steve
>
> To: X1M_QRP-Transceiver@yahoogroups.com
> From: neilgoldstein@...
> Date: Tue, 11 Jun 2013 00:55:02 +0000
> Subject: [X1M_QRP-Transceiver] Re: Tuners
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> Rich,
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> Excellent reviews on e-Ham http://www.eham.net/reviews/detail/445
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> --Neil W2NDG
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> --- In X1M_QRP-Transceiver@yahoogroups.com, "Rich" <radioman@> wrote:
>
> >
>
> > What tuners are being used?I want to try mine mobil and the signal will need all the help it can get.
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> > Thanks,Rich KC8HMJ
>
> >
>

481. Tuners

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-13 13:41:39 UTC
From: ab7kt@att.net
Topic: 464 Message: 481

Yes, I have used the Elecraft auto QRP tuner. It works great. I own at least five auto tuners right now (not counting the internal ones in various radios I own), and have owned dozens of manual tuners.

I would rate the Elecraft QRP auto tuner as being the second best for sure and possibly the best one of all the ones I have owned or used. Not that this has anything to do with the discussion at hand, but the internal tuner in the Elecraft KX3 is without a doubt the best tuner I own: it tunes the fastest, it tunes wire that other tuners balk at, and it tunes those wires to a lower SWR than my other tuners. And again, FWIW, I own two Palstar auto tuners that each cost over $1000 and the tuner in the KX3 tunes the same antenna faster, and to a lower SWR. The internal tuner in the KX3 tunes wires on bands that the Palstar can't. The point of this is that I bet the KX3 internal tuner uses the same or similar technology to the Elecraft external QRP tuner.

With the X1M, I have had some problems using an auto tuner. Even if I "tuned the tuner" with another rig, then hook up the X1M, the tuner wants to re-tune with the X1M. I have a similar problem with an amplifier I have that does auto band switching. I can use the amp with another rig on the same frequency, then switch to the X1M and the amplifier faults. I suspect that the problem is that the X1M puts out a dirty signal (at least on the bands without a filter network) and the auto tuner or the amp can't decide what frequency to tune for. But this is just a guess: I never hooked the radio up to any test gear to look at the signal. As an example, I can tune my wire antenna using the Palstar AT-Auto tuner when using an Elecraft K1. The tuner senses the frequency, and tunes to a nice match. I throw a switch and replace the K1 with the X1M on the same frequency and the tuner starts retuning: and this re-tuning is drastic, not just a touch up. Suggesting to me that the tuner is sensing a frequency far removed from where I want to be transmitting. My solution to this is to "tune the tuner" using another rig to the frequency near where I plan on operating the X1M, then switching the auto tuner out of auto mode and into manual mode so it doesn't retune itself. This isn't an option with the amplifier: I simply can't use the amplifier with the X1M: it just faults every time I transmit.

AB8KT

482. Re: Tuners

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-13 16:14:03 UTC
From: w2ndg_neil
Topic: 464 Message: 482

Several of us have noted that the X1M is putting out spurious emissions when used outside of the filtered areas. The strongest spur seems to be about 9Mhz above the selected frequency. Read back through the earlier posts for this info.

As an example, my X1M tunes up differently on 7151 than it does on 7149, and definitely is putting out some noise on the former too.

--Neil W2NDG

--- In X1M_QRP-Transceiver@yahoogroups.com, "ab7kt@..." <ab7kt@...> wrote:
>
>
>
>
> Yes, I have used the Elecraft auto QRP tuner. It works great. I own at least five auto tuners right now (not counting the internal ones in various radios I own), and have owned dozens of manual tuners.
>
> I would rate the Elecraft QRP auto tuner as being the second best for sure and possibly the best one of all the ones I have owned or used. Not that this has anything to do with the discussion at hand, but the internal tuner in the Elecraft KX3 is without a doubt the best tuner I own: it tunes the fastest, it tunes wire that other tuners balk at, and it tunes those wires to a lower SWR than my other tuners. And again, FWIW, I own two Palstar auto tuners that each cost over $1000 and the tuner in the KX3 tunes the same antenna faster, and to a lower SWR. The internal tuner in the KX3 tunes wires on bands that the Palstar can't. The point of this is that I bet the KX3 internal tuner uses the same or similar technology to the Elecraft external QRP tuner.
>
> With the X1M, I have had some problems using an auto tuner. Even if I "tuned the tuner" with another rig, then hook up the X1M, the tuner wants to re-tune with the X1M. I have a similar problem with an amplifier I have that does auto band switching. I can use the amp with another rig on the same frequency, then switch to the X1M and the amplifier faults. I suspect that the problem is that the X1M puts out a dirty signal (at least on the bands without a filter network) and the auto tuner or the amp can't decide what frequency to tune for. But this is just a guess: I never hooked the radio up to any test gear to look at the signal. As an example, I can tune my wire antenna using the Palstar AT-Auto tuner when using an Elecraft K1. The tuner senses the frequency, and tunes to a nice match. I throw a switch and replace the K1 with the X1M on the same frequency and the tuner starts retuning: and this re-tuning is drastic, not just a touch up. Suggesting to me that the tuner is sensing a frequency far removed from where I want to be transmitting. My solution to this is to "tune the tuner" using another rig to the frequency near where I plan on operating the X1M, then switching the auto tuner out of auto mode and into manual mode so it doesn't retune itself. This isn't an option with the amplifier: I simply can't use the amplifier with the X1M: it just faults every time I transmit.
>
> AB8KT

>

483. Re: Tuners

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-13 17:30:51 UTC
From: kf9cm
Topic: 464 Message: 483

Hi Neil,

TNX for chiming in on this subject. I believe the bandpass filters are switched out at 3.9 MHz and 7.15 by the microprocessor. Why they decided to do this and not at the end of the bands, I don't know. I emailed Kightradio about one and a half weeks ago on this subject and when we are going to get a schematic, and have received no response. I noticed that several hams have got their X1Ms up for sale is this why? At any rate I'm working on an outboard filter to alleviate this problem. I don't know about the rest of you but I'm getting a little frustrated.

73 de Gary KF9CM

--- In X1M_QRP-Transceiver@yahoogroups.com, "w2ndg_neil" <neilgoldstein@...> wrote:
>
> Several of us have noted that the X1M is putting out spurious emissions when used outside of the filtered areas. The strongest spur seems to be about 9Mhz above the selected frequency. Read back through the earlier posts for this info.
>
> As an example, my X1M tunes up differently on 7151 than it does on 7149, and definitely is putting out some noise on the former too.
>
> --Neil W2NDG
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "ab7kt@" <ab7kt@> wrote:
> >
> >
> >
> >
> > Yes, I have used the Elecraft auto QRP tuner. It works great. I own at least five auto tuners right now (not counting the internal ones in various radios I own), and have owned dozens of manual tuners.
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> > I would rate the Elecraft QRP auto tuner as being the second best for sure and possibly the best one of all the ones I have owned or used. Not that this has anything to do with the discussion at hand, but the internal tuner in the Elecraft KX3 is without a doubt the best tuner I own: it tunes the fastest, it tunes wire that other tuners balk at, and it tunes those wires to a lower SWR than my other tuners. And again, FWIW, I own two Palstar auto tuners that each cost over $1000 and the tuner in the KX3 tunes the same antenna faster, and to a lower SWR. The internal tuner in the KX3 tunes wires on bands that the Palstar can't. The point of this is that I bet the KX3 internal tuner uses the same or similar technology to the Elecraft external QRP tuner.
> >
> > With the X1M, I have had some problems using an auto tuner. Even if I "tuned the tuner" with another rig, then hook up the X1M, the tuner wants to re-tune with the X1M. I have a similar problem with an amplifier I have that does auto band switching. I can use the amp with another rig on the same frequency, then switch to the X1M and the amplifier faults. I

suspect that the problem is that the X1M puts out a dirty signal (at least on the bands without a filter network) and the auto tuner or the amp can't decide what frequency to tune for. But this is just a guess: I never hooked the radio up to any test gear to look at the signal. As an example, I can tune my wire antenna using the Palstar AT-Auto tuner when using an Elecraft K1. The tuner senses the frequency, and tunes to a nice match. I throw a switch and replace the K1 with the X1M on the same frequency and the tuner starts retuning: and this re-tuning is drastic, not just a touch up. Suggesting to me that the tuner is sensing a frequency far removed from where I want to be transmitting. My solution to this is to "tune the tuner" using another rig to the frequency near where I plan on operating the X1M, then switching the auto tuner out of auto mode and into manual mode so it doesn't retune itself. This isn't an option with the amplifier: I simply can't use the amplifier with the X1M: it just faults every time I transmit.

> >

> > AB8KT

> >

>

484. Re: [X1M_QRP-Transceiver] Re: Tuners

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-13 19:41:26 UTC
From: Mark Thompson
Topic: 464 Message: 484

Good luck trying to get a return email from Kightradio. I'm still waiting
for them to get back to me from three months ago. That's why I bought my
X1M from importcommunications.com.
73
Mark (KV8T)
On Jun 13, 2013 1:31 PM, "kf9cm" <Gary@...> wrote:

> **
>
>
> Hi Neil,
>
> TNX for chiming in on this subject. I believe the bandpass filters are
> switched out at 3.9 MHz and 7.15 by the microprocessor. Why they decided to
> do this and not at the end of the bands, I don't know. I emailed Kightradio
> about one and a half weeks ago on this subject and when we are going to get
> a schematic, and have received no response. I noticed that several hams
> have got their X1Ms up for sale is this why? At any rate I'm working on an
> outboard filter to alleviate this problem. I don't know about the rest of
> you but I'm getting a little frustrated.
>
> 73 de Gary KF9CM
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "w2ndg_neil" <neilgoldstein@...>
> wrote:
> >
> > Several of us have noted that the X1M is putting out spurious emissions
> when used outside of the filtered areas. The strongest spur seems to be
> about 9Mhz above the selected frequency. Read back through the earlier
> posts for this info.
> >
> > As an example, my X1M tunes up differently on 7151 than it does on 7149,
> and definitely is putting out some noise on the former too.
> >
> > --Neil W2NDG
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "ab7kt@" <ab7kt@> wrote:
> > >
> > >
> > >
> > >
> > > Yes, I have used the Elecraft auto QRP tuner. It works great. I own at
> least five auto tuners right now (not counting the internal ones in various
> radios I own), and have owned dozens of manual tuners.
> > >

> > > I would rate the Elecraft QRP auto tuner as being the second best for
> sure and possibly the best one of all the ones I have owned or used. Not
> that this has anything to do with the discussion at hand, but the internal
> tuner in the Elecraft KX3 is without a doubt the best tuner I own: it tunes
> the fastest, it tunes wire that other tuners balk at, and it tunes those
> wires to a lower SWR than my other tuners. And again, FWIW, I own two
> Palstar auto tuners that each cost over $1000 and the tuner in the KX3
> tunes the same antenna faster, and to a lower SWR. The internal tuner in
> the KX3 tunes wires on bands that the Palstar can't. The point of this is
> that I bet the KX3 internal tuner uses the same or similar technology to
> the Elecraft external QRP tuner.
> > >
> > > With the X1M, I have had some problems using an auto tuner. Even if I
> "tuned the tuner" with another rig, then hook up the X1M, the tuner wants
> to re-tune with the X1M. I have a similar problem with an amplifier I have
> that does auto band switching. I can use the amp with another rig on the
> same frequency, then switch to the X1M and the amplifier faults. I suspect
> that the problem is that the X1M puts out a dirty signal (at least on the
> bands without a filter network) and the auto tuner or the amp can't decide
> what frequency to tune for. But this is just a guess: I never hooked the
> radio up to any test gear to look at the signal. As an example, I can tune
> my wire antenna using the Palstar AT-Auto tuner when using an Elecraft K1.
> The tuner senses the frequency, and tunes to a nice match. I throw a switch
> and replace the K1 with the X1M on the same frequency and the tuner starts
> retuning: and this re-tuning is drastic, not just a touch up. Suggesting to
> me that the tuner is sensing a frequency far removed from where I want to
> be transmitting. My solution to this is to "tune the tuner" using another
> rig to the frequency near where I plan on operating the X1M, then switching
> the auto tuner out of auto mode and into manual mode so it doesn't retune
> itself. This isn't an option with the amplifier: I simply can't use the
> amplifier with the X1M: it just faults every time I transmit.
> > >
> > > AB8KT
> > >
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>

485. Re: Tuners

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-13 21:31:16 UTC
From: kf9cm
Topic: 464 Message: 485

Hi Mark,
When I bought my X1M 2 months ago I thought Kightradio was the only game in town. When I bought my IC706 I got the schematic with it.

I built 2 bandpass filters and I've just got to get over to my friend's house and use his Spectrum Analyzer.

It's a pretty good little Radio, unfortunately you don't get all of the 80 and 40 meter band or any of the WARC bands.The only thing that comes close to those 80 and 40 cut-offs is region 3.

73 de Gary KF9CM

--- In X1M_QRP-Transceiver@yahoogroups.com, "kf9cm" <Gary@...> wrote:
>
> Hi Neil,
>
> TNX for chiming in on this subject. I believe the bandpass filters are switched out at 3.9 MHz and 7.15 by the microprocessor. Why they decided to do this and not at the end of the bands, I don't know. I emailed Kightradio about one and a half weeks ago on this subject and when we are going to get a schematic, and have received no response. I noticed that several hams have got their X1Ms up for sale is this why? At any rate I'm working on an outboard filter to alleviate this problem. I don't know about the rest of you but I'm getting a little frustrated.
>
> 73 de Gary KF9CM
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "w2ndg_neil" <neilgoldstein@> wrote:
> >
> > Several of us have noted that the X1M is putting out spurious emissions when used outside of the filtered areas. The strongest spur seems to be about 9Mhz above the selected frequency. Read back through the earlier posts for this info.
> >
> > As an example, my X1M tunes up differently on 7151 than it does on 7149, and definitely is putting out some noise on the former too.
> >
> > --Neil W2NDG
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "ab7kt@" <ab7kt@> wrote:
> > >
> > >
> > >
> > >
> > > Yes, I have used the Elecraft auto QRP tuner. It works great. I own at least five auto tuners right now (not counting the internal ones in various radios I own), and have owned dozens of manual tuners.

> > >
> > > I would rate the Elecraft QRP auto tuner as being the second best for sure and possibly the best one of all the ones I have owned or used. Not that this has anything to do with the discussion at hand, but the internal tuner in the Elecraft KX3 is without a doubt the best tuner I own: it tunes the fastest, it tunes wire that other tuners balk at, and it tunes those wires to a lower SWR than my other tuners. And again, FWIW, I own two Palstar auto tuners that each cost over $1000 and the tuner in the KX3 tunes the same antenna faster, and to a lower SWR. The internal tuner in the KX3 tunes wires on bands that the Palstar can't. The point of this is that I bet the KX3 internal tuner uses the same or similar technology to the Elecraft external QRP tuner.
> > >
> > > With the X1M, I have had some problems using an auto tuner. Even if I "tuned the tuner" with another rig, then hook up the X1M, the tuner wants to re-tune with the X1M. I have a similar problem with an amplifier I have that does auto band switching. I can use the amp with another rig on the same frequency, then switch to the X1M and the amplifier faults. I suspect that the problem is that the X1M puts out a dirty signal (at least on the bands without a filter network) and the auto tuner or the amp can't decide what frequency to tune for. But this is just a guess: I never hooked the radio up to any test gear to look at the signal. As an example, I can tune my wire antenna using the Palstar AT-Auto tuner when using an Elecraft K1. The tuner senses the frequency, and tunes to a nice match. I throw a switch and replace the K1 with the X1M on the same frequency and the tuner starts retuning: and this re-tuning is drastic, not just a touch up. Suggesting to me that the tuner is sensing a frequency far removed from where I want to be transmitting. My solution to this is to "tune the tuner" using another rig to the frequency near where I plan on operating the X1M, then switching the auto tuner out of auto mode and into manual mode so it doesn't retune itself. This isn't an option with the amplifier: I simply can't use the amplifier with the X1M: it just faults every time I transmit.
> > >
> > > AB8KT
> > >
> >
>

486. Re: [X1M_QRP-Transceiver] Re: Tuners

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-13 21:18:56 UTC
From: ken fest
Topic: 464 Message: 486

So far I have not heard much about this radio to maintain a desire to buy one. It appears they are close to having a winner but quality control and odd operating parameters along with a dirty transmitter make this a big initial failure in the market. Yes I know they have sold all they had, but the reality of the products market reception, once people have actually used it, has not been a good one.
Such a shame that something so desirable has so many issues. They may resolve some of these issues eventually, but the poor folks that already spent their money have been given a poor quality piece of gear (in my opinion).
I have heard that new software is in the works (Lets hope so) so we shall see what improvements/corrections are made.

--- On Thu, 6/13/13, w2ndg_neil <neilgoldstein@...> wrote:

From: w2ndg_neil <neilgoldstein@...>
Subject: [X1M_QRP-Transceiver] Re: Tuners
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Thursday, June 13, 2013, 12:14 PM

Several of us have noted that the X1M is putting out spurious emissions when used outside of the filtered areas. The strongest spur seems to be about 9Mhz above the selected frequency. Read back through the earlier posts for this info.

As an example, my X1M tunes up differently on 7151 than it does on 7149, and definitely is putting out some noise on the former too.

--Neil W2NDG

--- In X1M_QRP-Transceiver@yahoogroups.com, "ab7kt@..." <ab7kt@...> wrote:
>
>
>
>
> Yes, I have used the Elecraft auto QRP tuner. It works great. I own at least five auto tuners right now (not counting the internal ones in various radios I own), and have owned dozens of manual tuners.
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> With the X1M, I have had some problems using an auto tuner. Even if I "tuned the tuner" with another rig, then hook up the X1M, the tuner wants to re-tune with the X1M. I have a similar problem with an amplifier I have that does auto band switching. I can use the amp with another rig on the same frequency, then switch to the X1M and the amplifier faults. I suspect that the problem is that the X1M puts out a dirty signal (at least on the bands without a filter network) and the auto tuner or the amp can't decide what frequency to tune for. But this is just a guess: I never hooked the radio up to any test gear to look at the signal. As an example, I can tune my wire antenna using the Palstar AT-Auto tuner when using an Elecraft K1. The tuner senses the frequency, and tunes to a nice match. I throw a switch and replace the K1 with the X1M on the same frequency and the tuner starts retuning: and this re-tuning is drastic, not just a touch up. Suggesting
to me that the tuner is sensing a frequency far removed from where I want to be transmitting. My solution to this is to "tune the tuner" using another rig to the frequency near where I plan on operating the X1M, then switching the auto tuner out of auto mode and into manual mode so it doesn't retune itself. This isn't an option with the amplifier: I simply can't use the amplifier with the X1M: it just faults every time I transmit.
>
> AB8KT
>

Yahoo! Groups Links

487. Re: Tuners

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-13 22:00:25 UTC
From: kf9cm
Topic: 464 Message: 487

Hi Ken
I have talked about this radio to some of my ham friends and it seems to be the consensus that the X1M is a seed money radio to pay for the 20 watt version coming out later this year. Unfortunately (IMO) nothing will be done about this radio. There has been no assurance from either of those resellers that these problems will be resolved.
I guess I should have save my money for a FT-817.

Gary, KF9CM

--- In X1M_QRP-Transceiver@yahoogroups.com, ken fest <disklog@...> wrote:
>
> So far I have not heard much about this radio to maintain a desire to buy one. It appears they are close to having a winner but quality control and odd operating parameters along with a dirty transmitter make this a big initial failure in the market. Yes I know they have sold all they had, but the reality of the products market reception, once people have actually used it, has not been a good one.
> Such a shame that something so desirable has so many issues. They may resolve some of these issues eventually, but the poor folks that already spent their money have been given a poor quality piece of gear (in my opinion).
> I have heard that new software is in the works (Lets hope so) so we shall see what improvements/corrections are made.
>
>
>
> --- On Thu, 6/13/13, w2ndg_neil <neilgoldstein@...> wrote:
>
> From: w2ndg_neil <neilgoldstein@...>
> Subject: [X1M_QRP-Transceiver] Re: Tuners
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Thursday, June 13, 2013, 12:14 PM
>
> Several of us have noted that the X1M is putting out spurious emissions when used outside of the filtered areas. The strongest spur seems to be about 9Mhz above the selected frequency. Read back through the earlier posts for this info.
>
> As an example, my X1M tunes up differently on 7151 than it does on 7149, and definitely is putting out some noise on the former too.
>
> --Neil W2NDG
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "ab7kt@" <ab7kt@> wrote:
> >
> >
> >
> >

> > Yes, I have used the Elecraft auto QRP tuner. It works great. I own at least five auto tuners right now (not counting the internal ones in various radios I own), and have owned dozens of manual tuners.
> >
> > I would rate the Elecraft QRP auto tuner as being the second best for sure and possibly the best one of all the ones I have owned or used. Not that this has anything to do with the discussion at hand, but the internal tuner in the Elecraft KX3 is without a doubt the best tuner I own: it tunes the fastest, it tunes wire that other tuners balk at, and it tunes those wires to a lower SWR than my other tuners. And again, FWIW, I own two Palstar auto tuners that each cost over $1000 and the tuner in the KX3 tunes the same antenna faster, and to a lower SWR. The internal tuner in the KX3 tunes wires on bands that the Palstar can't. The point of this is that I bet the KX3 internal tuner uses the same or similar technology to the Elecraft external QRP tuner.
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> to me that the tuner is sensing a frequency far removed from where I want to be transmitting. My solution to this is to "tune the tuner" using another rig to the frequency near where I plan on operating the X1M, then switching the auto tuner out of auto mode and into manual mode so it doesn't retune itself. This isn't an option with the amplifier: I simply can't use the amplifier with the X1M: it just faults every time I transmit.
> >
> > AB8KT
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> ------------------------------------
>
> Yahoo! Groups Links
>

488. Re post tuner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-13 21:55:53 UTC
From: kf9cm
Topic: 488 Message: 488

Hi Ken
I have talked about this radio to some of my ham friends and it seems to be the consensus that the X1M is a seed money radio to pay for the 20 watt version coming out later this year. Unfortunately (IMO) nothing will be done about this radio. There has been no assurance from either of those resellers that these problems will be resolved.
I guess I should have save my money for a FT-817.

Gary, KF9CM

489. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-14 12:20:34 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 489

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /X1M Schematic/X1M Schematic.zip
Uploaded by : kingfish_stevens <ed@...>
Description : X1M Schematic

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/X1M%20Schematic/X1M%20Schematic.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kingfish_stevens <ed@...>

490. Re: Tuners

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-14 12:53:23 UTC
From: Papadad
Topic: 464 Message: 490

ITU Region determines band segments. Every ham should know that the upper edge of the 40m band is different depending which region you are in.

For much of the world. 40 meters ends at 7150. Hence cutoff at that point when designed in china for Chinese ham use.

You are applying a usa perspective to a product not necessarily designs for the usa market. Or, the local designers are applying their perspective to the product design for their market without thoughts of it being exported etc ... - local vs global

Joe. BY1/K7JOE.

491. Re: Tuners

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-14 13:18:13 UTC
From: w2ndg_neil
Topic: 464 Message: 491

Gary,

It's set up for the Chinese market. The 3900 cut-off makes sense in that case, but the 7150 cut-off does not. I'm not sure of the exact upper band limit for China as I've read conflicting info stating both 7200 and 7300. One is here:

http://files.radioscanner.ru/bands/files/document76/castoti_kitaa_2005.pdf

As I've said before, I still like the little radio, and if they can offer a modification to stretch and/or add bandpass filters I'll be liking it even more. I don't operate CW, so that might be why I'm OK with it for now. Some of the posts here have spoken about major issues with using the radio for CW.

As far as Kight Radio, you are not the first person that has said that, however Dale always responds promptly to me. I get the feeling that his email is not all that reliable. Not sure what to do there. Both he and Ed from Import Communications monitor this group though.

It looks like Ed uploaded a schematic this morning!

73's -- W2NDG

--- In X1M_QRP-Transceiver@yahoogroups.com, "kf9cm" <Gary@...> wrote:
>
> Hi Neil,
>
> TNX for chiming in on this subject. I believe the bandpass filters are switched out at 3.9 MHz and 7.15 by the microprocessor. Why they decided to do this and not at the end of the bands, I don't know. I emailed Kightradio about one and a half weeks ago on this subject and when we are going to get a schematic, and have received no response. I noticed that several hams have got their X1Ms up for sale is this why? At any rate I'm working on an outboard filter to alleviate this problem. I don't know about the rest of you but I'm getting a little frustrated.
>
> 73 de Gary KF9CM
>

492. Re: New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-14 14:07:15 UTC
From: kf9cm
Topic: 11 Message: 492

May I be the first to say THANK YOU.

73 de Gary,KF9CM

--- In X1M_QRP-Transceiver@yahoogroups.com, X1M_QRP-Transceiver@yahoogroups.com wrote:
>
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the X1M_QRP-Transceiver
> group.
>
> File : /X1M Schematic/X1M Schematic.zip
> Uploaded by : kingfish_stevens <ed@...>
> Description : X1M Schematic
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/X1M%20Schematic/X1M%20Schematic.
zip
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
> Regards,
>
> kingfish_stevens <ed@...>
>

493. Tuners and stuff.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-15 01:07:28 UTC
From: Rich
Topic: 493 Message: 493

Thanks to all who told me about what they were using for tuners.
Also I know the little radio has some quirks and stuff but for $300 it's the most fun I've had on hf !!
Rich KC8HMJ

494. Re: New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-15 14:07:31 UTC
From: W3FIS
Topic: 11 Message: 494

Very interesting design. For digital modes, having the choke in the ground side of the microphone might pose a problem?

Also, it would then appear that the microphone is a repurposed speaker mic? In the photos, there does appear to be a fitting for an ear bud/plug on the microphone next to the cord? No audio feed to it then.

Other observations?

Most enlightening! Cool design! I am eagerly awaiting the delivery of mine in the coming batch!

I would agree that this has been designed for the world market. I think we can live without the extra band limits on some of the bands, especially for CW operation.

73 /paul W3FIS

495. Re: Re post tuner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-15 14:16:46 UTC
From: W3FIS
Topic: 488 Message: 495

--- In X1M_QRP-Transceiver@yahoogroups.com, "kf9cm" <Gary@...> wrote:
>
> Hi Ken
> I have talked about this radio to some of my ham friends and it seems to
> be the consensus that the X1M is a seed money radio to pay for the 20
> watt version coming out later this year.

20 watts is a very different category than 5! Maybe fits the niche of the old Icom 7??+ at 10 watts?

>Unfortunately (IMO) nothing
> will be done about this radio. There has been no assurance from either
> of those resellers that these problems will be resolved.

Not my perception from reading Ed's comments. If the QC issues are addressed, and the power output/series of dits are addressed, it should solve 99% of my concerns. The LSB issue sounds like a 15 minute project, at worst.

> I guess I should have save my money for a FT-817.

They are very different radios! I used my FT-817ND as a base state for a number of years, but the small QRP rigs (MFJ, NorCal, QRPKits, etc.) are a lot more fun for general "tinkering," and light field radios.

73 /paul W3FIS

496. Re: Go-Box

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-15 14:23:42 UTC
From: W3FIS
Topic: 467 Message: 496

I have run on to a slightly smaller "Sportsman's Dry Box" that works well for QRP stuff. About 5x11x8.

73 /paul W3FIS

497. Re: Output Power Problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-16 14:32:30 UTC
From: kf9cm
Topic: 420 Message: 497

Hi Charlie,

Well my maximum output is 4 watts on 80 CW And zero on 10 meters. I could turn it back in but I'd probably get one that's the same way like you did. I've got the schematic but because I can't hear the relays close it might be the firmware.
Kightradio won't answer my emails or answer their phone.

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" wrote:
>
> Do you have power figures from the Bird on other filtered bands running
> into a dummy load , by chance ??
>
> Charlie , W5COV
>
> > I bought a X1M from Ed and it did not have enough power to have my
> > MFJ-929 tune it (required 2 watts). I put it on a Bird 4304a watt
> > meter and it displayed 0.9 watts on 10 meter. Ed worked with me and I
> > sent it back and he sent me a new one. I received the new one and now
> > the same thing... I can't get it to tune. My tuner says "Increase
> > power." Am I doing something wrong??? I put it in CW mode and key and
> > tune... nothing. I go to SSB, talk...loudly... even whistle (yes, I
> > say I am testing beforehand) and still will not tune. My tuner only
> > shows that I am pushing 1.1 watts. Do I have another bad radio or am I
> > doing something wrong? I can't make a contact to save my life! I know
> > someone will ask... I have a Carolina Windom 80 and it works great
> > with my Kenwood. Please help!
> >
> >
>

498. Re: [X1M_QRP-Transceiver] Go-Box

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-16 16:22:07 UTC
From: sbjohnston@...
Topic: 467 Message: 498

I'm really happy with the MTM brand of 50-cal ammo boxes. Strong, light, sealed with an O-ring - they seem to be the best of their kind. I have been buying them at work for our field engineers to carry tools and parts - everyone seem to like them. I was buying them for $12 - $14 each a few months ago but I see today that they are running $17 - must be selling well.

http://www.amazon.com/MTM-Forest-Green-Caliber-Storage/dp/B003TNV46O/ref=sr_1_4?s=sporting-goods&ie=UTF8&qid=1371399490

I also see that Gander Mountain has a somewhat smaller version they are calling a 45-cal ammo box (aka "sportsman dry box") for $10.

http://www.gandermountain.com/modperl/product/details.cgi?pdesc=Crow-Shooting-MTM-45-Cal-Ammo&i=726645

Steve WD8DAS

sbjohnston@...
http://www.wd8das.net/

Radio is your best entertainment value.

---

499. Re: [X1M_QRP-Transceiver] Re: Output Power Problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-16 18:21:42 UTC
From: W5COV
Topic: 420 Message: 499

Hi Gary , I wasn't the author of the power problem , only the question about the dummy load and power on the filtered bands . My radio is on order with the batch that is shipping this month so I have yet to get my hands on one of them .

Charlie , W5COV

---- kf9cm <Gary@...> wrote:
> Hi Charlie,
>
> Well my maximum output is 4 watts on 80 CW And zero on 10 meters. I
> could turn it back in but I'd probably get one that's the same way like
> you did. I've got the schematic but because I can't hear the relays
> close it might be the firmware.
> Kightradio won't answer my emails or answer their phone.
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" wrote:
> >
> > Do you have power figures from the Bird on other filtered bands
> running
> > into a dummy load , by chance ??
> >
> > Charlie , W5COV
> >
> > > I bought a X1M from Ed and it did not have enough power to have my
> > > MFJ-929 tune it (required 2 watts). I put it on a Bird 4304a watt
> > > meter and it displayed 0.9 watts on 10 meter. Ed worked with me and
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> > > sent it back and he sent me a new one. I received the new one and
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> and
> > > tune... nothing. I go to SSB, talk...loudly... even whistle (yes, I
> > > say I am testing beforehand) and still will not tune. My tuner only
> > > shows that I am pushing 1.1 watts. Do I have another bad radio or am
> I
> > > doing something wrong? I can't make a contact to save my life! I
> know
> > > someone will ask... I have a Carolina Windom 80 and it works great
> > > with my Kenwood. Please help!
> > >
> > >
> > >
>

>

500. Re: Go-Box

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-17 13:38:14 UTC
From: Paul Ross
Topic: 467 Message: 500

Slightly OT, but the smaller ones are nice for HTs. Hold chargers,
cables, adapters, etc.

73 /paul W3FIS

501. Re: X1M. For sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-18 14:22:29 UTC
From: yo9irf
Topic: 398 Message: 501

Kind of late to the party, but is it still available ?

Razvan YO9IRF

--- In X1M_QRP-Transceiver@yahoogroups.com, Papadad <k7joe@...> wrote:
>
> FS: X1M and all accessories as new. Used less than 1 hour. $239 shipped. I prefer Not to carry it back to china with me.... Shipped free from California. PayPal ok
>
> Cool rig. But I want to be all mode so going with a much more expensive. 817nd.
>
> Joe.
>
> K7JOE / BY1
>

502. mic cable broke at solder joints

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-22 02:35:14 UTC
From: ChristopherG
Topic: 502 Message: 502

Anyone know the pinnout? Got 4 wires. White was cut back and unused i think. Leaving black green red. Anyone?

503. X1M can be ordered by WIMO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-22 07:13:43 UTC
From: Scholz, Marco
Topic: 503 Message: 503

Good morning,
For the German OM's - the X1M can be ordered by WIMO for 299Euro! CAT interface is available for 18Euro.
I ordered one - let's see...

Thanks
vy73
Marco,DD7PC

504. Re: mic cable broke at solder joints

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-22 13:29:32 UTC
From: Paul W. Ross
Topic: 502 Message: 504

Check the circuit diagram recently posted. The unused wire is likely the speaker.

Don't have it in front of me, but it is in the files section.

73 /paul W3FIS

505. New delivery??

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-24 01:26:34 UTC
From: W3FIS
Topic: 505 Message: 505

Any word yet on status of expected delivery of X1Ms??

73 /paul W3FIS

506. Re: X1M can be ordered by WIMO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-24 11:22:26 UTC
From: Andy
Topic: 503 Message: 506

The X1M wil be available there at the end of July.
Interesting: they will have PL-jacks no more BNC!

73 Andy DC3AFA

--- In X1M_QRP-Transceiver@yahoogroups.com, "Scholz, Marco " <marco.scholz@...> wrote:
>
> Good morning,
> For the German OM's - the X1M can be ordered by WIMO for 299Euro! CAT interface is available for 18Euro.
> I ordered one - let's see...
>
> Thanks
> vy73
> Marco,DD7PC
>

507. Re: mic cable broke at solder joints

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-24 16:50:09 UTC
From: ChristopherG
Topic: 502 Message: 507

I was looking for a more colorful answer before field day...Oh well, no field day for me...Which is why i got this radio.
Next year.

--- In X1M_QRP-Transceiver@yahoogroups.com, "Paul W. Ross" <deadgoose@...> wrote:
>
> Check the circuit diagram recently posted. The unused wire is likely the
> speaker.
>
> Don't have it in front of me, but it is in the files section.
>
> 73 /paul W3FIS
>

508. Re: [X1M_QRP-Transceiver] mic cable broke at solder joints

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-24 20:55:16 UTC
From: sbjohnston@...
Topic: 502 Message: 508

Mine broke off too.? The black wire is ground, and the white wire is the unused speaker line.? Of the remaining two, one is mic and the other is PTT.? If memory serves red was PTT and blue was MIC, but I'm not certain of that. You can put an ohmmeter from each one to ground as you press the push to talk button - the one that goes to nearly zero ohms with the button in is the PTT.? And the remaining wire is the MIC.?

The connector tip is PTT, the ring is MIC, and the sleeve is ground.

Once I confirmed that my reconnection was a success I superglued the plastic cover and strain relief to both connector and cable jacket to hopefully prevent

Steve

sbjohnston@aol.com
http://www.wd8das.net/

Radio is your best entertainment value.

-----Original Message-----
From: X1M_QRP-Transceiver <X1M_QRP-Transceiver@yahoogroups.com>
To: X1M_QRP-Transceiver <X1M_QRP-Transceiver@yahoogroups.com>
Sent: Sat, Jun 22, 2013 8:18 am
Subject: [X1M_QRP-Transceiver] Digest Number 79

X1M_QRP-Transceiver SSB/CW Transceiver Group

2 New Messages Digest #79

1
mic cable broke at solder joints by "ChristopherG" cgoodman1980

2
X1M can be ordered by WIMO by "Scholz, Marco" scholzmarco

Messages 1 mic cable broke at solder joints

Fri Jun?21,?2013 7:35?pm (PDT) . Posted by: "ChristopherG" cgoodman1980
Anyone know the pinnout? Got 4 wires. White was cut back and unused i think. Leaving black green red. Anyone?

Reply to sender . Reply to group . Reply via Web Post . All Messages (1) . Top ^

2 X1M can be ordered by WIMO

Sat Jun?22,?2013 12:13?am (PDT) . Posted by: "Scholz, Marco" scholzmarco
Good morning,
For the German OM's - the X1M can be ordered by WIMO for 299Euro! CAT interface is

available for 18Euro.
I ordered one - let's see...

Thanks
vy73
Marco,DD7PC

Reply to sender . Reply to group . Reply via Web Post . All Messages (1) . Top ^

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>

8 New Members
>

We are making changes based on your feedback, Thank you !
Submit Feedback
>

The Yahoo! Groups Product Blog
Check it out!
>

CHANGE SETTINGS
>

TERMS OF USE
>

UNSUBSCRIBE
>

509. Re: Go-Box

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-24 21:37:28 UTC
From: W3FIS
Topic: 467 Message: 509

Picked up another one today at Dick's Sporting Goods. Labeled as "Winchester Field Box," no number, but made by Plano. $14.99.

73 /paul W3FIS

510. Re: mic cable broke at solder joints

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-25 14:18:27 UTC
From: W3FIS
Topic: 502 Message: 510

Try filling the plug with RTV silicon caulk/rubber. It is less permanent than super glue, and can be removed later, if need be. It acts as a "potting" compound, and keeps the wires from moving about. We used to use it in the electronics industry a lot.

73 /paul W3FIS

511. Re: X1M can be ordered by WIMO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-25 14:20:58 UTC
From: W3FIS
Topic: 503 Message: 511

Truthfully, the PL-259 is a more rugged connector. Does WIMO sell to the US -- in particular, the computer interface cable? Wouxun US does not list it at this point. My X1M is still on order from Wouxun US.

73 /paul W3FIS

512. Re: [X1M_QRP-Transceiver] Re: X1M can be ordered by WIMO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-25 14:47:06 UTC
From: Gustavo Villada
Topic: 503 Message: 512

And does WIMO sell to south america?

On Tue, Jun 25, 2013 at 11:20 AM, W3FIS <deadgoose@...> wrote:
> Truthfully, the PL-259 is a more rugged connector. Does WIMO sell to the US -- in particular, the computer interface cable? Wouxun US does not list it at this point. My X1M is still on order from Wouxun US.
>
> 73 /paul W3FIS
>
>
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> ------------------------------------
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> Yahoo! Groups Links
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>
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513. Re: mic cable broke at solder joints

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-25 15:51:02 UTC
From: ChristopherG
Topic: 502 Message: 513

I figured it out based on your knowing black was ground. Thanks....I reconnected and get a very bad hum on key up now....Its going in a box and being shipped back on Friday when I get paid. The CW ground does not work anyway and the CW sounds like garbage. Hopefully the replacement will be better?
-Christopher.

--- In X1M_QRP-Transceiver@yahoogroups.com, sbjohnston@... wrote:
>
>
> Mine broke off too.? The black wire is ground, and the white wire is the unused speaker line.? Of the remaining two, one is mic and the other is PTT.? If memory serves red was PTT and blue was MIC, but I'm not certain of that. You can put an ohmmeter from each one to ground as you press the push to talk button - the one that goes to nearly zero ohms with the button in is the PTT.? And the remaining wire is the MIC.?
>
> The connector tip is PTT, the ring is MIC, and the sleeve is ground.
>
> Once I confirmed that my reconnection was a success I superglued the plastic cover and strain relief to both connector and cable jacket to hopefully prevent
>
>
>
> Steve
>
> sbjohnston@...
> http://www.wd8das.net/
> ---
> Radio is your best entertainment value.
> ---
>
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>
>
> -----Original Message-----
> From: X1M_QRP-Transceiver X1M_QRP-Transceiver@yahoogroups.com
> To: X1M_QRP-Transceiver X1M_QRP-Transceiver@yahoogroups.com
> Sent: Sat, Jun 22, 2013 8:18 am
> Subject: [X1M_QRP-Transceiver] Digest Number 79
>
>
> X1M_QRP-Transceiver SSB/CW Transceiver Group
>
>

>
> 2 New Messages Digest #79
>
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>
>
> 1
> mic cable broke at solder joints by "ChristopherG" cgoodman1980
>
>
>
> 2
> X1M can be ordered by WIMO by "Scholz, Marco" scholzmarco
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>
> Messages 1 mic cable broke at solder joints
>
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> Anyone know the pinnout? Got 4 wires. White was cut back and unused i think. Leaving
black green red. Anyone?
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>
> Reply to sender . Reply to group . Reply via Web Post . All Messages (1) . Top ^
>
>
>
> 2 X1M can be ordered by WIMO
>
> Sat Jun?22,?2013 12:13?am (PDT) . Posted by: "Scholz, Marco" scholzmarco
> Good morning,
> For the German OM's - the X1M can be ordered by WIMO for 299Euro! CAT interface is
available for 18Euro.
> I ordered one - let's see...
>
> Thanks
> vy73
> Marco,DD7PC
>
> Reply to sender . Reply to group . Reply via Web Post . All Messages (1) . Top ^
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> Visit Your Group
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> View All Topics
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> Create New Topic
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>
> 8 New Members
> >
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>
> We are making changes based on your feedback, Thank you !
> Submit Feedback
> >
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> The Yahoo! Groups Product Blog
> Check it out!
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> CHANGE SETTINGS
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> TERMS OF USE
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514. Re: mic cable broke at solder joints

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-25 15:58:21 UTC
From: ChristopherG
Topic: 502 Message: 514

Thank you for this suggestion, I will do this...I was going to pick up a 90deg stereo to stereo plug to plug this into. So if it need fiddling with, Im fiddling with a stronger plug.

--- In X1M_QRP-Transceiver@...m, "W3FIS" <deadgoose@...> wrote:
>
> Try filling the plug with RTV silicon caulk/rubber. It is less permanent than super glue, and can be removed later, if need be. It acts as a "potting" compound, and keeps the wires from moving about. We used to use it in the electronics industry a lot.
>
> 73 /paul W3FIS
>

515. Re: X1M can be ordered by WIMO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-25 16:03:35 UTC
From: ChristopherG
Topic: 503 Message: 515

Personally I like to go with RCA connectors. Smaller, more packable for Field Ops. And connect and disconnect easy when someone trips over your antenna or coax, or your buddies Dog runs through your set-up. Thus your antenna may go for a ride but not your radio itself. (True story, happens with my end fed wires all the time)
-Christopher

--- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@...> wrote:
>
> Truthfully, the PL-259 is a more rugged connector. Does WIMO sell to the US -- in particular, the computer interface cable? Wouxun US does not list it at this point. My X1M is still on order from Wouxun US.
>
> 73 /paul W3FIS
>

516. Re: X1M can be ordered by WIMO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-25 18:18:54 UTC
From: W3FIS
Topic: 503 Message: 516

--- In X1M_QRP-Transceiver@yahoogroups.com, "ChristopherG" <cgoodman1980@...> wrote:
>
> Personally I like to go with RCA connectors. Smaller, more packable for Field Ops. And connect and disconnect easy when someone trips over your antenna or coax, or your buddies Dog runs through your set-up. Thus your antenna may go for a ride but not your radio itself. (True story, happens with my end fed wires all the time)

Long ago, and far away, I worked for RCA's Sarnoff Labs in Princeton, NJ. We used the RCA connector for no end of stuff. The metal shell version is best, and I've used it all the way through 2 meters with no problem.

Note that the MFJ "Cub" transceivers are fitted with an RCA jack. I do admit to making an RCA to PL-259 jumper, and adding the optional BNC jack, just for completeness and compatibility with my other gear.

73 /paul W3FIS

517. Re: mic cable broke at solder joints

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-25 18:20:34 UTC
From: W3FIS
Topic: 502 Message: 517

Considering the angle the plug comes out at (I don't have my X1M yet), I would consider fitting it with a right angle stereo plug instead of the straight one. Rat Shack?

73 /paul W3FIS

518. Re: X1M can be ordered by WIMO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-25 18:36:06 UTC
From: Andy
Topic: 503 Message: 518

Don´t know if they will sell outside of Europe but you can contact them on their website.

73 Andy DC3AFA

--- In X1M_QRP-Transceiver@...m, Gustavo Villada <villada@...> wrote:
>
> And does WIMO sell to south america?
>
> On Tue, Jun 25, 2013 at 11:20 AM, W3FIS <deadgoose@...> wrote:
> > Truthfully, the PL-259 is a more rugged connector. Does WIMO sell to the US -- in particular, the computer interface cable? Wouxun US does not list it at this point. My X1M is still on order from Wouxun US.
> >
> > 73 /paul W3FIS
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> > Yahoo! Groups Links
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519. Re: X1M can be ordered by WIMO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-25 20:40:38 UTC
From: yo9irf
Topic: 503 Message: 519

They have a discount now, it's down at 269 for the unassembled version.

They ship outside EU, you will also get it cheaper since you won't pay the VAT (wich is 19%).

I'll be getting one as well if I won't find one before they bring it in stock.

--- In X1M_QRP-Transceiver@yahoogroups.com, "Scholz, Marco " <marco.scholz@...> wrote:
>
> Good morning,
> For the German OM's - the X1M can be ordered by WIMO for 299Euro! CAT interface is available for 18Euro.
> I ordered one - let's see...
>
> Thanks
> vy73
> Marco,DD7PC
>

520. X1M For Sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-26 14:27:23 UTC
From: ab7kt@att.net
Topic: 520 Message: 520

I have an X1M that I bought at Dayton this year. I don't know if there are variations or different models..... Mine has a BNC connector for the antenna. As far as I know, everything works just like it came from the factory. Comes with the mic that came with it. I have made a few contacts on it using both SSB and CW.

$250

AB8KT
Email address available on QRZ.com

521. Re: New delivery??

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-26 17:01:06 UTC
From: W3FIS
Topic: 505 Message: 521

I am sure all of you with radios on order got an amazing letter from Ed. It gives the concept of "Chinese English" a whole new meaning. I am going to keep my order. This is much too much fun to watch!

I suspect we are not on the "cutting edge" as much as on the "bleeding edge." <grin>

Three cheers for Ed! I am quite sure this will work out well.

It is interesting to follow this project. The Chinese, in my opinion, as doing what the Japanese did -- copy, then start to innovate. Consider the Wouxun and Baofeng radios. Re-purposed commercial equipment, it would appear. Disclaimer -- I own two Wouxuns and three Baofeng HTs. Just replaced a battery on one of the Wouxuns after about 2 1/2 years of very heavy use.

73 to all! /paul W3FIS

522. RE: [X1M_QRP-Transceiver] Re: New delivery??

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-26 17:10:57 UTC
From: Fred VE3FAL
Topic: 505 Message: 522

I agree with you Paul, and as with this project and my dealings with YouKits, I can confirm Q/C is one of the biggest issues at hand, and then it is replacement and warranties..

The stuff out of China is getting much better in my opinion, but still quite a way to go to be an Elecraft or TenTec product.

It is easy to scoff at this gear, but without input both positive and negative it is hard to make changes.

Not only that the language barrier is also a huge issue when explaining our concerns and needs.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of W3FIS
Sent: June 26, 2013 1:01 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: New delivery??

I am sure all of you with radios on order got an amazing letter from Ed. It gives the concept of "Chinese English" a whole new meaning. I am going to keep my order. This is much too much fun to watch!

I suspect we are not on the "cutting edge" as much as on the "bleeding edge." <grin>

Three cheers for Ed! I am quite sure this will work out well.

It is interesting to follow this project. The Chinese, in my opinion, as doing what the Japanese did -- copy, then start to innovate. Consider the Wouxun and Baofeng radios. Re-purposed commercial equipment, it would appear. Disclaimer -- I own two Wouxuns and three Baofeng HTs. Just replaced a battery on one of the Wouxuns after about 2 1/2 years of very heavy use.

73 to all! /paul W3FIS

523. Re: [X1M_QRP-Transceiver] Re: New delivery??

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-26 17:15:17 UTC
From: Charlie , W5COV
Topic: 505 Message: 523

I am willing to wait for the radio also . I look forward to working with it . It appears to be an excellent opportunity to work with developing a radio that will in the end be a very nice radio aided by the input of all of us that like to tinker and build.

I do wish that it was more of an open source , open platform , type of device . There are a lot of hams that could really be of benefit to the company too , in their ability to troubleshoot , make revisions and modifications that could be implemented to make it a better radio for everyone involved .

I just bought me a Baofeng dual band HT last week to take on a trip to a family reunion out of state . I haven't been on FM in at least 2 or 3 years and for the price I think it was a great buy , especially given my lack of participation in talking on FM , plus it is a handy little scanner .

Charlie , W5COV

> I am sure all of you with radios on order got an amazing letter from
> Ed. It gives the concept of "Chinese English" a whole new meaning. I
> am going to keep my order. This is much too much fun to watch!
>
> I suspect we are not on the "cutting edge" as much as on the "bleeding
> edge." <grin>
>
> Three cheers for Ed! I am quite sure this will work out well.
>
> It is interesting to follow this project. The Chinese, in my opinion,
> as doing what the Japanese did -- copy, then start to innovate.
> Consider the Wouxun and Baofeng radios. Re-purposed commercial
> equipment, it would appear. Disclaimer -- I own two Wouxuns and three
> Baofeng HTs. Just replaced a battery on one of the Wouxuns after about
> 2 1/2 years of very heavy use.
>
> 73 to all! /paul W3FIS
>
>

524. Re: X1M For Sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-28 14:18:37 UTC
From: yo9irf
Topic: 520 Message: 524

If the US$250 includes shipping to NY and you can hold it until Tuesday, it's mine.

Razvan YO9IRF

--- In X1M_QRP-Transceiver@yahoogroups.com, "ab7kt@..." <ab7kt@...> wrote:
>
> I have an X1M that I bought at Dayton this year. I don't know if there are variations or different models..... Mine has a BNC connector for the antenna. As far as I know, everything works just like it came from the factory. Comes with the mic that came with it. I have made a few contacts on it using both SSB and CW.
>
> $250
>
> AB8KT
> Email address available on QRZ.com
>

525. X1M for Sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-30 18:42:25 UTC
From: Terry
Topic: 525 Message: 525

As a a result of a family medical issue my radio is also for sale.

It's from a late shipment & has the BNC antenna connector. Powers up nicely on the dummy load, never used on air.

The radio is located in Canada (GST & PST already paid) & is available for $275 USD shipped to Canada or USA.

526. Re: [X1M_QRP-Transceiver] X1M for Sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-30 18:44:15 UTC
From: JARED DRAKE
Topic: 525 Message: 526

Do these cover 75 meters?

Jared
KF5TJC

_____
From: Terry <tbaugh@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, June 30, 2013 1:42 PM
Subject: [X1M_QRP-Transceiver] X1M for Sale

As a a result of a family medical issue my radio is also for sale.

It's from a late shipment & has the BNC antenna connector. Powers up nicely on the dummy load, never used on air.

The radio is located in Canada (GST & PST already paid) & is available for $275 USD shipped to Canada or USA.

527. (no subject)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-06-30 21:23:06 UTC
From: Terry
Topic: 527 Message: 527

Yes, 0.5-30 mhz.

528. Re: ALE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-02 14:22:03 UTC
From: Konstantin
Topic: 405 Message: 528

I hope that there are already those who have tried to work function "ALE". Please make a detailed report on the work done! I look forward to your feedback.
Konstantin (RN3ZF)

--- In X1M_QRP-Transceiver@yahoogroups.com, Bonnie <expeditionradio@...> wrote:
>
> Has anyone tried the ALE in this radio yet?
>
> Bonnie KQ6XA
>

529. Re: ALE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-02 18:26:34 UTC
From: kf9cm
Topic: 405 Message: 529

Are you guys referring to the Address Latch Enable on the microcontroller?

Gary KF9CM

--- In X1M_QRP-Transceiver@yahoogroups.com, "Konstantin" <rn3zf@...> wrote:
>
> I hope that there are already those who have tried to work function "ALE". Please make a detailed report on the work done! I look forward to your feedback.
> Konstantin (RN3ZF)
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, Bonnie <expeditionradio@> wrote:
> >
> > Has anyone tried the ALE in this radio yet?
> >
> > Bonnie KQ6XA
> >
>

530. RE: [X1M_QRP-Transceiver] Re: ALE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-02 18:55:18 UTC
From: Fred VE3FAL
Topic: 405 Message: 530

http://en.wikipedia.org/wiki/Automatic_link_establishment

Digital mode ALE as explained in the wiki link.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kf9cm
Sent: July 2, 2013 2:27 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: ALE

Are you guys referring to the Address Latch Enable on the microcontroller?

Gary KF9CM

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Konstantin" <rn3zf@...>
wrote:
>
> I hope that there are already those who have tried to work function "ALE".
Please make a detailed report on the work done! I look forward to your
feedback.
> Konstantin (RN3ZF)
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , Bonnie <expeditionradio@>
wrote:
> >
> > Has anyone tried the ALE in this radio yet?
> >
> > Bonnie KQ6XA
> >
>

531. Power measurements

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-03 04:56:47 UTC
From: gordymurrieta
Topic: 531 Message: 531

Using Elecraft DL1 dummy load with diode detector and whistling into the microphone I measured the output volts with a multimeter. Calculate output watts using formula:

P(watts)=((V(volts)x1.414)+0.15))2 /50

10m at 9.5 volts = 3.5 watts
12m at 10.5 volts ~ 4.5 watts
15m at 9.5 volts ~ 3.5 watts
17m at 11 volts = 5 watts
20m at 9 volts = 3.3 watts
40m at 12 volts ~ 5.5 watts
80m at 9.8 volts ~ 3.7 watts
160m at 13 volts ~ 6 watts

532. Re: Power measurements

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-03 06:34:08 UTC
From: yo9irf
Topic: 531 Message: 532

On 40m at what frequency did you do the test ? Over or below 7.150 ?

17m and 12m is higher because it includes the +9MHz spur, as the outputs are unfiltered.

What was the power supply voltage ?

--- In X1M_QRP-Transceiver@yahoogroups.com, "gordymurrieta" <gordymurrieta@...> wrote:
>
> Using Elecraft DL1 dummy load with diode detector and whistling into the microphone I measured the output volts with a multimeter. Calculate output watts using formula:
>
> P(watts)=((V(volts)x1.414)+0.15))2 /50
>
> 10m at 9.5 volts = 3.5 watts
> 12m at 10.5 volts ~ 4.5 watts
> 15m at 9.5 volts ~ 3.5 watts
> 17m at 11 volts = 5 watts
> 20m at 9 volts = 3.3 watts
> 40m at 12 volts ~ 5.5 watts
> 80m at 9.8 volts ~ 3.7 watts
> 160m at 13 volts ~ 6 watts
>

533. Re: ALE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-03 16:36:30 UTC
From: Konstantin
Topic: 405 Message: 533

Hi Gary. Are you saying that there is no built-in ALE, and the radio will only work with an external controller? What kind of controller?
Konstantin RN3ZF

--- In X1M_QRP-Transceiver@yahoogroups.com, "kf9cm" <Gary@...> wrote:
>
> Are you guys referring to the Address Latch Enable on the microcontroller?
>
> Gary KF9CM
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Konstantin" <rn3zf@> wrote:
> >
> > I hope that there are already those who have tried to work function "ALE". Please make a detailed report on the work done! I look forward to your feedback.
> > Konstantin (RN3ZF)
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, Bonnie <expeditionradio@> wrote:
> > >
> > > Has anyone tried the ALE in this radio yet?
> > >
> > > Bonnie KQ6XA
> > >
> >
>

534. Re: ALE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-03 22:32:30 UTC
From: kf9cm
Topic: 405 Message: 534

Looking through the menu there is nothing listed. Now whether or not ALE is in the HRD program I don't know.

--- In X1M_QRP-Transceiver@yahoogroups.com, "Konstantin" <rn3zf@...> wrote:
>
> Hi Gary. Are you saying that there is no built-in ALE, and the radio will only work with an external controller? What kind of controller?
> Konstantin RN3ZF
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "kf9cm" <Gary@> wrote:
> >
> > Are you guys referring to the Address Latch Enable on the microcontroller?
> >
> > Gary KF9CM
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "Konstantin" <rn3zf@> wrote:
> > >
> > > I hope that there are already those who have tried to work function "ALE". Please make a detailed report on the work done! I look forward to your feedback.
> > > Konstantin (RN3ZF)
> > >
> > > --- In X1M_QRP-Transceiver@yahoogroups.com, Bonnie <expeditionradio@> wrote:
> > > >
> > > > Has anyone tried the ALE in this radio yet?
> > > >
> > > > Bonnie KQ6XA
> > > >
> > >
> > >
>

535. Re: Power measurements

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-03 23:04:16 UTC
From: kf9cm
Topic: 531 Message: 535

Measured with Bird 43, 50 watt slug, 50 ohm load
Here are my measurements:

Frequency output +9 MHz spur

3.500 4 0
3.900 3 0
3.901 4 3
7.000 3 0
7.150 3 0
7.151 4 3
10.101 3.9 3
14.001 2.1 0
18.070 4.1 3.9
18.120 4.1 3.9
21.000 1 0
21.450 3 0
24.890 .5 0
28.000 0 0
28.500 0 0
29.000 0 0

The people at Kight Radio assure me that when the new region 2 X1M radios come in I can exchange this one.

Gary, KF9CM

--- In X1M_QRP-Transceiver@yahoogroups.com, "yo9irf" wrote:
>
> On 40m at what frequency did you do the test ? Over or below 7.150 ?
>
> 17m and 12m is higher because it includes the +9MHz spur, as the outputs are unfiltered.
>
> What was the power supply voltage ?
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "gordymurrieta" gordymurrieta@ wrote:
> >
> > Using Elecraft DL1 dummy load with diode detector and whistling into the microphone I measured the output volts with a multimeter. Calculate output watts using formula:
> >
> > P(watts)=((V(volts)x1.414)+0.15))2 /50
> >

> > 10m at 9.5 volts = 3.5 watts
> > 12m at 10.5 volts ~ 4.5 watts
> > 15m at 9.5 volts ~ 3.5 watts
> > 17m at 11 volts = 5 watts
> > 20m at 9 volts = 3.3 watts
> > 40m at 12 volts ~ 5.5 watts
> > 80m at 9.8 volts ~ 3.7 watts
> > 160m at 13 volts ~ 6 watts
> >
>

536. X1M - latest version - the "lowdown"

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-04 03:04:16 UTC
From: pezcat19
Topic: 536 Message: 536

Hi all,

I am very keen on getting a new X1M. I do a lot of SSB QRP work with an FT817 which is great fun. I do not need an X1M, but it looks like a great concept a bit of cheap fun, so I want one! ;)

I am in Australia, so I guess importing one is the only option for me? (from Knightradio or ImportCommunications I guess?)

Can someone please give me the "lowdown" on the following please?

- Are they still on 'backorder' from the factory?

- Are all the new version (2.02? I think?) improved over the first run?

- What is the biggest issues with the latest versions? (Such as the LSB problem - is it resolved now?)

- Does the latest version have the SO-239 connector? (I hope so, because BNC is NOT as useful for me - especially with a Miracle Antenna!

Thanks for your help,

Pez

537. Re: X1M - latest version - the "lowdown"

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-04 03:29:00 UTC
From: pezcat19
Topic: 536 Message: 537

And I have just seen on the blog http://blog.sina.com.cn/bg8ht this:

"X1M Platinum Edition [V3.01b] will be formally listed...

X1M Platinum Edition [V3.01b] will be officially listed, is currently in mass production. Which X1M for custom models to optimize the part of the circuit to accommodate the relevant EU regulations. Screen with OLED screen, buttons for the silicone keys."

This does not appear to be an X1MKii (as seen on the internet). Is the original X1M going to be gone/out of date before it even really arrived? Replaced with a new "Platinum Edition" perhaps???

I wonder what the "relevant EU regulations" are? Just RoHS perhaps?

I am interested in the the groups thoughts on all of this.

Pez

539. Re: X1M - latest version - the "lowdown"

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-04 03:54:33 UTC
From: pezcat19
Topic: 536 Message: 539

Here is more info on the "Platinum Edition"

http://www.brickolore.com/2013/06/xiegu-x1m-platinum-edition.html

And check this out! lol :

http://v.youku.com/v_show/id_XNTcyMzcwMTgw.html

The way I see it, there is 3 versions of the X1M in development.

1 - The X1M
2 - The X1M Platinum Edition
3 - The X1MKii (see: http://www.brickolore.com/2013/03/xiegu-x1m-x1mkii.html)

Is there any more?

I hope they can focus on getting at least one of these radio's working right, and to market at the right price. The world would be a better place with a QRP radio offering like these, at the right price!

Pez

540. Re: X1M - latest version - the "lowdown"

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-04 04:30:21 UTC
From: Rob
Topic: 536 Message: 540

Pez,

I'm also in Australia, and somewhat interested in this radio.
I have an FT857, and would like a FT817 for portability, but can't justify the price.

I am a bit concerned about the output power in recent posts, which I hope they rectify.

I believe the MKII is supposed to be 20W and alot more expensive.
I'm not to worried about the extra 15W (maybe 10w PEP would be okay), as >99% (probably more) I only use my radios as receivers.

Rob.

--- In X1M_QRP-Transceiver@yahoogroups.com, "pezcat19" <pezcat19@...> wrote:
>
> Hi all,
>
> I am very keen on getting a new X1M. I do a lot of SSB QRP work with an FT817 which is great fun. I do not need an X1M, but it looks like a great concept a bit of cheap fun, so I want one! ;)
>
> I am in Australia, so I guess importing one is the only option for me? (from Knightradio or ImportCommunications I guess?)
>
>
> Can someone please give me the "lowdown" on the following please?
>
> - Are they still on 'backorder' from the factory?
>
> - Are all the new version (2.02? I think?) improved over the first run?
>
> - What is the biggest issues with the latest versions? (Such as the LSB problem - is it resolved now?)
>
> - Does the latest version have the SO-239 connector? (I hope so, because BNC is NOT as useful for me - especially with a Miracle Antenna!
>
>
> Thanks for your help,
>
> Pez
>

541. Re: Power measurements

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-04 07:05:19 UTC
From: yo9irf
Topic: 531 Message: 541

I'm surprised on how strong the +9MHz spur is; I thought only the lowpass filters are bypassed when out of the supported bands, but it seems it is bypassing the bandpass filters as well (probably the filters are too narrow anyway). Wich makes me wonder wether the X1M works at all outside the supported bands, as there is no image frequency rejection.

I thought about a quick fix by using a separate Arduino Mini controller for the filters, connected internally on CAT to pick up the working frequency ... since the manufacturer won't probably fix this via firmware.

--- In X1M_QRP-Transceiver@yahoogroups.com, "kf9cm" <Gary@...> wrote:
>
> Measured with Bird 43, 50 watt slug, 50 ohm load
> Here are my measurements:
>
> Frequency output +9 MHz spur
>
> 3.500 4 0
> 3.900 3 0
> 3.901 4 3
> 7.000 3 0
> 7.150 3 0
> 7.151 4 3
> 10.101 3.9 3
> 14.001 2.1 0
> 18.070 4.1 3.9
> 18.120 4.1 3.9
> 21.000 1 0
> 21.450 3 0
> 24.890 .5 0
> 28.000 0 0
> 28.500 0 0
> 29.000 0 0
>
> The people at Kight Radio assure me that when the new region 2 X1M
> radios come in I can exchange this one.
>
> Gary, KF9CM
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "yo9irf" wrote:
> >
> > On 40m at what frequency did you do the test ? Over or below 7.150 ?
> >
> > 17m and 12m is higher because it includes the +9MHz spur, as the
> outputs are unfiltered.
> >

> > What was the power supply voltage ?
> >
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "gordymurrieta"
> gordymurrieta@ wrote:
> > >
> > > Using Elecraft DL1 dummy load with diode detector and whistling into
> the microphone I measured the output volts with a multimeter. Calculate
> output watts using formula:
> > >
> > > P(watts)=((V(volts)x1.414)+0.15))2 /50
> > >
> > > 10m at 9.5 volts = 3.5 watts
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> > > 17m at 11 volts = 5 watts
> > > 20m at 9 volts = 3.3 watts
> > > 40m at 12 volts ~ 5.5 watts
> > > 80m at 9.8 volts ~ 3.7 watts
> > > 160m at 13 volts ~ 6 watts
> > >
> >
>

542. Re: X1M - latest version - the "lowdown"

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-04 08:35:11 UTC
From: pezcat19
Topic: 536 Message: 542

Hi Rob.

Thanks for the reply.

The power output problem is a concern of mine also.

I like the idea of the X1M for the reason that is SO simple and CHEAP. No 'bells and whistles', it will not be 'as good' as my FT817, but it should be simple, cheap and fun!

I am very happy with 5W max (in fact, I rarely operate with more than 5W!), but if there is a problem with the X1M that means significantly lower than 5W (especially on 10m where I operate the most) then that's a problem for me...

Like you, I don't need 20W. (I wonder how much battery power it will need to run at 20W?) It is all about the small size and low cost for me. If the original X1M has its few problems resolved then the price and size is just right. I would be unlikely to purchase an X1MKii if it becomes expensive - because I already have an FT817 which is brilliant! If it is cheap, then I wont be able to help myself! hihi

Cheers,

Pez

543. RE: [X1M_QRP-Transceiver] Re: X1M - latest version - the "lowdown"

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-04 15:03:34 UTC
From: Fred VE3FAL
Topic: 536 Message: 543

If the X1M MkII comes to fruition you will see a big $$$ value placed on it, and probably in no time soon.

I think ironing bugs out of the X1M will be and should be priority for the maker if they wish to hold onto a North American Market.

With all of our choices here in North America a product like that made in China needs very strict q/c guidelines and need to have a real good return or repair policy that won't kill the dealer in North America. The dealer in North America is only the messenger so please do not shoot him..

Language barriers and letting them or trying to show them what we need here is a challenge indeed.

See what happened sown the road, but still for $ value it is a cool rig, the power issues are still way better than when I beta tested this rig last August.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of pezcat19
Sent: July 4, 2013 4:35 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: X1M - latest version - the "lowdown"

Hi Rob.

Thanks for the reply.

The power output problem is a concern of mine also.

I like the idea of the X1M for the reason that is SO simple and CHEAP. No 'bells and whistles', it will not be 'as good' as my FT817, but it should be simple, cheap and fun!

I am very happy with 5W max (in fact, I rarely operate with more than 5W!), but if there is a problem with the X1M that means significantly lower than 5W (especially on 10m where I operate the most) then that's a problem for me...

Like you, I don't need 20W. (I wonder how much battery power it will need to run at 20W?) It is all about the small size and low cost for me. If the original X1M has its few problems resolved then the price and size is just right. I would be unlikely to purchase an X1MKii if it becomes expensive - because I already have an FT817 which is brilliant! If it is cheap, then I

wont be able to help myself! hihi

Cheers,

Pez

544. Re: X1M - latest version - the "lowdown"

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-05 08:34:25 UTC
From: pezcat19
Topic: 536 Message: 544

Hi Fred,

Thanks for the reply (and for the info you have already shared in the group - very helpful!)

I agree with all of your comments. I will keep looking for a new review of the latest batch of X1M, and if it performs well, or even "just better" than it does now, I will be placing an order then.

I hope this happens soon because I want one now! hihi

73

Pez

545. UPGRADED RADIO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-08 12:52:34 UTC
From: POB
Topic: 545 Message: 545

Anyone know what the X1M new modified units are?, it showed this on the kight web page, but they seem to never answer an e-mail, hopefully they have straightened out the issues. Quality control, microphone plug/wiring, and maybe digital now working, without all this on the spot repairs etc.

POB/K8LEN

546. Re: UPGRADED RADIO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-08 14:50:06 UTC
From: David Harvey
Topic: 545 Message: 546

Hi guys,

U am still waiting for mine, too. But they did answer my last couple of emails and offered me a refund if I wanted it. I chose to wait a little longer, even though it has been far too long already. (I did a pre-paid order months ago.)

There is a line of small print on their website right now that reads as follows:

KR-10 QRP SSB/CW Transceiver
>Assembled
>
>
>6/26. Delay from Mfg. new modified units are delayed. We expected shipment by now. They informed us it will be another couple weeks. We will keep you informed.

You can read it for yourself here:

http://www.kightradio.com/Chinese-X1M-QRP-HF-SSB-CW-Transceiver_p_305.html

Cheers,

David Harvey, VK2DMH
SKCC #10617, FP #3184, NAQCC #6734

Mobile: 0405 939 431
Home: +61 (0)2 9875 1203
email: gedanate@...
web: www.davidharveysydney.com
blog: http://low-fat-food-is-a-lie.blogspot.com.au/
other: http://walkietalkietwowayradios.com/

547. Re: [X1M_QRP-Transceiver] UPGRADED RADIO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-08 15:18:52 UTC
From: Mark Thompson
Topic: 545 Message: 547

I had the same problem with Kight Radio, they never returned my emails.
That's why I bought mine from Importcommunications.com They were very
responsive and answered all my questions prior to my purchase.
73
Mark
On Jul 8, 2013 9:30 AM, "POB" <bozo1945@...> wrote:

> **
>
>
> Anyone know what the X1M new modified units are?, it showed this on the
> kight web page, but they seem to never answer an e-mail, hopefully they
> have straightened out the issues. Quality control, microphone plug/wiring,
> and maybe digital now working, without all this on the spot repairs etc.
>
> POB/K8LEN
>
>
>

548. Re: [X1M_QRP-Transceiver] UPGRADED RADIO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-08 17:17:51 UTC
From: Charlie , W5COV
Topic: 545 Message: 548

I ordered mine from Import Communications when they started taking orders after Dayton . I still am waiting like everyone else to see it yet . No updates as to when to expect them to ship now . Originally it was supposed to be mid June , then later the first of July . I have no idea when to expect shipment and what changes (if any) have been made from the first group and the one I am waiting on .

Has ANYONE received one that was ORDERED from EITHER of the companies ??

Updates would sure improve customer relations ....

Charlie , W5COV

> I had the same problem with Kight Radio, they never returned my
> emails. That's why I bought mine from Importcommunications.com They
> were very responsive and answered all my questions prior to my purchase.
> 73
> Mark
>
> On Jul 8, 2013 9:30 AM, "POB" <bozo1945@...
> <mailto:bozo1945@...>> wrote:
>
> Anyone know what the X1M new modified units are?, it showed this
> on the kight web page, but they seem to never answer an e-mail,
> hopefully they have straightened out the issues. Quality control,
> microphone plug/wiring, and maybe digital now working, without all
> this on the spot repairs etc.
>
> POB/K8LEN
>
>

549. Re: [X1M_QRP-Transceiver] Re: UPGRADED RADIO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-08 17:56:19 UTC
From: Charlie , W5COV
Topic: 545 Message: 549

I find this interesting on the KIGHT RADIO description of the radio :

Main Features..........

Chongqing Xiegu Technology Co. Ltd - Manufacturer
Import Communications - North American Distributor
Systems Menu

.....etc.

Charlie , W5COV

> Hi guys,
>
> U am still waiting for mine, too. But they did answer my last couple
> of emails and offered me a refund if I wanted it. I chose to wait a
> little longer, even though it has been far too long already. (I did a
> pre-paid order months ago.)
>
> There is a line of small print on their website right now that reads
> as follows:
>
> KR-10 QRP SSB/CW Transceiver
> Assembled
>
> 6/26. Delay from Mfg. new modified units are delayed. We expected
> shipment by now. They informed us it will be another couple weeks.
> We will keep you informed.
>
>
> ---------------
>
> You can read it for yourself here:
>
> http://www.kightradio.com/Chinese-X1M-QRP-HF-SSB-CW-Transceiver_p_305.html
> Cheers,
>
> David Harvey, VK2DMH
> SKCC #10617, FP #3184, NAQCC #6734
>
> Mobile: 0405 939 431
> Home: +61 (0)2 9875 1203
> email: gedanate@...
> web: www.davidharveysydney.com <http://www.davidharveysydney.com/>
> blog: http://low-fat-food-is-a-lie.blogspot.com.au/
> other: http://walkietalkietwowayradios.com/

>

550. Re: UPGRADED RADIO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-09 02:54:36 UTC
From: kf9cm
Topic: 545 Message: 550

Hi,

I am on my second return radio and I have no output on 10 meters on this one. I was assured by the people at Kight Radio when the new X1Ms come in I can exchange this one for a new one. I was informed that new radios will have a new type front panel and set up for region 2. The first radios were setup for region 1.

73 de Gary, KF9CM

--- In X1M_QRP-Transceiver@yahoogroups.com, "POB" <bozo1945@...> wrote:
>
> Anyone know what the X1M new modified units are?, it showed this on the kight web page, but they seem to never answer an e-mail, hopefully they have straightened out the issues. Quality control, microphone plug/wiring, and maybe digital now working, without all this on the spot repairs etc.
>
> POB/K8LEN
>

551. Re: UPGRADED RADIO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-09 04:53:41 UTC
From: Andy
Topic: 545 Message: 551

Will this be the so called Platin version?

73 Andy DC3AFA

--- In X1M_QRP-Transceiver@yahoogroups.com, "kf9cm" <Gary@...> wrote:
>
> Hi,
>
> I am on my second return radio and I have no output on 10 meters on this one. I was assured by the people at Kight Radio when the new X1Ms come in I can exchange this one for a new one. I was informed that new radios will have a new type front panel and set up for region 2. The first radios were setup for region 1.
>
> 73 de Gary, KF9CM
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "POB" <bozo1945@> wrote:
> >
> > Anyone know what the X1M new modified units are?, it showed this on the kight web page, but they seem to never answer an e-mail, hopefully they have straightened out the issues. Quality control, microphone plug/wiring, and maybe digital now working, without all this on the spot repairs etc.
> >
> > POB/K8LEN
> >
>

552. Re: UPGRADED RADIO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-09 05:37:08 UTC
From: pezcat19
Topic: 545 Message: 552

Hi Andy,

I have an X1M on order from Import Communications, and I am awaiting the new stock to arrive like the rest of us.

From the small amount of information available, I "think" (and hope) we might be getting the "X1M Platinum Edition" in this batch. As Gary mentioned that allegedly includes a new LCD screen, region 2 banding and various unknown "improvements".

http://www.brickolore.com/2013/06/xiegu-x1m-platinum-edition.html

And: http://v.youku.com/v_show/id_XNTcyMzcwMTgw.html

It is a lucky dip and I don't know for sure what we are getting, but either way I am excited to see what arrives! I live in Australia so hopefully the postage to me will be fast! :)

It is quite amazing how little information there is regarding this rig coming from the manufactures (basically none at all). This must be a nightmare for the distributors (such as Import Communications) to deal with. Credit to Ed for sticking with it! Considering how popular this rig seems to be and the interest it is quickly gathering, the manufacturer is missing out on a huge market by not "sharing". This assumes they have the capacity to meet demand, of course.

I can't wait for the updates when they come, and I cant wait to get my new X1M!

Regards,

Pez

--- In X1M_QRP-Transceiver@yahoogroups.com, "Andy" <andreas.fuehrmann@...> wrote:
>
> Will this be the so called Platin version?
>
> 73 Andy DC3AFA
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "kf9cm" <Gary@> wrote:
> >
> > Hi,
> >
> > I am on my second return radio and I have no output on 10 meters on this one. I was assured by the people at Kight Radio when the new X1Ms come in I can exchange this one for a new one. I was informed that new radios will have a new type front panel and set up for region 2. The first radios were setup for region 1.
> >
> > 73 de Gary, KF9CM
> >

553. Re: UPGRADED RADIO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-09 11:37:49 UTC
From: Andy
Topic: 545 Message: 553

Just mailed Wimo in Germany where I pre-ordered my X1M.
They have just updated their website to announce the delay in delivery. Instead of getting their first order midst of July they will get it now in the beginning of August. The first order is already sold-out.

73 Andy DC3AFA

--- In X1M_QRP-Transceiver@yahoogroups.com, "pezcat19" <pezcat19@...> wrote:
>
> Hi Andy,
>
> I have an X1M on order from Import Communications, and I am awaiting the new stock to arrive like the rest of us.
>
> From the small amount of information available, I "think" (and hope) we might be getting the "X1M Platinum Edition" in this batch. As Gary mentioned that allegedly includes a new LCD screen, region 2 banding and various unknown "improvements".
>
> http://www.brickolore.com/2013/06/xiegu-x1m-platinum-edition.html
>
> And: http://v.youku.com/v_show/id_XNTcyMzcwMTgw.html
>
> It is a lucky dip and I don't know for sure what we are getting, but either way I am excited to see what arrives! I live in Australia so hopefully the postage to me will be fast! :)
>
> It is quite amazing how little information there is regarding this rig coming from the manufactures (basically none at all). This must be a nightmare for the distributors (such as Import Communications) to deal with. Credit to Ed for sticking with it! Considering how popular this rig seems to be and the interest it is quickly gathering, the manufacturer is missing out on a huge market by not "sharing". This assumes they have the capacity to meet demand, of course.
>
> I can't wait for the updates when they come, and I cant wait to get my new X1M!
>
> Regards,
>
> Pez
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Andy" <andreas.fuehrmann@> wrote:
> >
> > Will this be the so called Platin version?
> >
> > 73 Andy DC3AFA

> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "kf9cm" <Gary@> wrote:
> > >
> > > Hi,
> > >
> > > I am on my second return radio and I have no output on 10 meters on this one. I was assured by the people at Kight Radio when the new X1Ms come in I can exchange this one for a new one. I was informed that new radios will have a new type front panel and set up for region 2. The first radios were setup for region 1.
> > >
> > > 73 de Gary, KF9CM
> > >
>

554. Re: UPGRADED RADIO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-09 13:27:27 UTC
From: Paul W. Ross
Topic: 545 Message: 554

Most of you should have just gotten an e-mail from Ed. Looks like things are moving along. Patience, gang...

73 /paul W3FIS

555. Re: Power measurements

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-09 20:54:27 UTC
From: gordymurrieta
Topic: 531 Message: 555

I redid the test within the filtered bands. Power is a 12 volt Power Sonic sealed acid battery, model PS-1229, 2.9 a/h. Two batteries joined so ~ 7 a/h.

By the formula P(watts)=((V(volts)x1.414)+0.15))2 /50. So 11 volts = 5 watts, 9 volts = 3.3 watts, and 8.8 volts = 3 watts

Band 2:

LSB 07.000.000 MHZ = 9 volts

comment:
Odd thing with using the DL1 dummy load. For LSB, loud whistling for 5 seconds only showed 3 volts. Loud sustained voice got it to 9 volts. Opposite is true for USB, loud whistling showed better power results.

Band 3:

USB 14.000.000 and 14.400.000 MHZ = 8.8 volts

Band 4:

USB 21.000.000 and 21.300.000 MHZ = 9.2 volts

USB 28.000.000 MHZ = 8.6 volts

USB 28.500.000 MHZ = 9.2 volts

comments:
The radio started to make a high pitch noise after awhile. Maybe this is due to the component that allegedly needs a heat sink.
Measurements were at peak readings for sustained loud whistling for 5 seconds except for 40m where LSB showed better results with loud voice. I'll need to build my WM-2 wattmeter to compare results. Current results say the radio cannot do 4 watts on the filtered bands.

Not sure what people are finding acceptable to live with. When is the radio too out of spec?

--- In X1M_QRP-Transceiver@yahoogroups.com, "yo9irf" <razvanfatu@...> wrote:
>
> On 40m at what frequency did you do the test ? Over or below 7.150 ?
>
> 17m and 12m is higher because it includes the +9MHz spur, as the outputs are unfiltered.
>
> What was the power supply voltage ?
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "gordymurrieta" <gordymurrieta@> wrote:
> >

> > Using Elecraft DL1 dummy load with diode detector and whistling into the microphone I measured the output volts with a multimeter. Calculate output watts using formula:
> >
> > P(watts)=((V(volts)x1.414)+0.15))2 /50
> >
> > 10m at 9.5 volts = 3.5 watts
> > 12m at 10.5 volts ~ 4.5 watts
> > 15m at 9.5 volts ~ 3.5 watts
> > 17m at 11 volts = 5 watts
> > 20m at 9 volts = 3.3 watts
> > 40m at 12 volts ~ 5.5 watts
> > 80m at 9.8 volts ~ 3.7 watts
> > 160m at 13 volts ~ 6 watts
> >
>

556. Re: [X1M_QRP-Transceiver] Re: Power measurements

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-09 21:04:35 UTC
From: Tim
Topic: 531 Message: 556

Hi Gordy,

I don't have a unit <yet>, but wouldn't be better to either use the CW mode, or feed in a fixed level audio signal to the microphone? This would make your measurements more repeatable... I know my whistle gets weak after a while!!! You could probably use a PC sound card (headphone/speaker output) to generate it... I'm sure there are lots of freeware tone generation software out there.

Thanks for the work.

Tim W5FN

> I redid the test within the filtered bands. Power is a 12 volt Power Sonic sealed acid battery, model PS-1229, 2.9 a/h. Two batteries joined so ~ 7 a/h.
>
> By the formula P(watts)=((V(volts)x1.414)+0.15))2 /50. So 11 volts = 5 watts, 9 volts = 3.3 watts, and 8.8 volts = 3 watts
>
> Band 2:
>
> LSB 07.000.000 MHZ = 9 volts
>
> comment:
> Odd thing with using the DL1 dummy load. For LSB, loud whistling for 5 seconds only showed 3 volts. Loud sustained voice got it to 9 volts. Opposite is true for USB, loud whistling showed better power results.
>
> Band 3:
>
> USB 14.000.000 and 14.400.000 MHZ = 8.8 volts
>
> Band 4:
>
> USB 21.000.000 and 21.300.000 MHZ = 9.2 volts
>
> USB 28.000.000 MHZ = 8.6 volts
>
> USB 28.500.000 MHZ = 9.2 volts
>
> comments:
> The radio started to make a high pitch noise after awhile. Maybe this is due to the component that allegedly needs a heat sink.
> Measurements were at peak readings for sustained loud whistling for 5 seconds except for 40m where LSB showed better results with loud voice. I'll need to build my WM-2 wattmeter to compare results. Current results say the radio cannot do 4 watts on the filtered bands.

>
> Not sure what people are finding acceptable to live with. When is the radio too out of spec?
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "yo9irf" <razvanfatu@...> wrote:
>> On 40m at what frequency did you do the test ? Over or below 7.150 ?
>>
>> 17m and 12m is higher because it includes the +9MHz spur, as the outputs are unfiltered.
>>
>> What was the power supply voltage ?
>>
>>
>> --- In X1M_QRP-Transceiver@yahoogroups.com, "gordymurrieta" <gordymurrieta@> wrote:
>>> Using Elecraft DL1 dummy load with diode detector and whistling into the microphone I measured the output volts with a multimeter. Calculate output watts using formula:
>>>
>>> P(watts)=((V(volts)x1.414)+0.15))2 /50
>>>
>>> 10m at 9.5 volts = 3.5 watts
>>> 12m at 10.5 volts ~ 4.5 watts
>>> 15m at 9.5 volts ~ 3.5 watts
>>> 17m at 11 volts = 5 watts
>>> 20m at 9 volts = 3.3 watts
>>> 40m at 12 volts ~ 5.5 watts
>>> 80m at 9.8 volts ~ 3.7 watts
>>> 160m at 13 volts ~ 6 watts
>>>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>
>

557. Re: [X1M_QRP-Transceiver] Re: Power measurements

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-09 21:41:32 UTC
From: M_AND_R_SHAREF
Topic: 531 Message: 557

Isn't there a two tone test where you use two tones that are NOT
harmonically related. My old ARRL Handbooks show this and what it should
look like on an Oscilloscope.

On Tue, Jul 9, 2013 at 4:54 PM, gordymurrieta <gordymurrieta@...>wrote:

> **
>
>
> I redid the test within the filtered bands. Power is a 12 volt Power Sonic
> sealed acid battery, model PS-1229, 2.9 a/h. Two batteries joined so ~ 7
> a/h.
>
> By the formula P(watts)=((V(volts)x1.414)+0.15))2 /50. So 11 volts = 5
> watts, 9 volts = 3.3 watts, and 8.8 volts = 3 watts
>
> Band 2:
>
> LSB 07.000.000 MHZ = 9 volts
>
> comment:
> Odd thing with using the DL1 dummy load. For LSB, loud whistling for 5
> seconds only showed 3 volts. Loud sustained voice got it to 9 volts.
> Opposite is true for USB, loud whistling showed better power results.
>
> Band 3:
>
> USB 14.000.000 and 14.400.000 MHZ = 8.8 volts
>
> Band 4:
>
> USB 21.000.000 and 21.300.000 MHZ = 9.2 volts
>
> USB 28.000.000 MHZ = 8.6 volts
>
> USB 28.500.000 MHZ = 9.2 volts
>
> comments:
> The radio started to make a high pitch noise after awhile. Maybe this is
> due to the component that allegedly needs a heat sink.
> Measurements were at peak readings for sustained loud whistling for 5
> seconds except for 40m where LSB showed better results with loud voice.
> I'll need to build my WM-2 wattmeter to compare results. Current results
> say the radio cannot do 4 watts on the filtered bands.
>

> Not sure what people are finding acceptable to live with. When is the
> radio too out of spec?
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "yo9irf" <razvanfatu@...>
> wrote:
> >
> > On 40m at what frequency did you do the test ? Over or below 7.150 ?
> >
> > 17m and 12m is higher because it includes the +9MHz spur, as the outputs
> are unfiltered.
> >
> > What was the power supply voltage ?
> >
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "gordymurrieta"
> <gordymurrieta@> wrote:
> > >
> > > Using Elecraft DL1 dummy load with diode detector and whistling into
> the microphone I measured the output volts with a multimeter. Calculate
> output watts using formula:
> > >
> > > P(watts)=((V(volts)x1.414)+0.15))2 /50
> > >
> > > 10m at 9.5 volts = 3.5 watts
> > > 12m at 10.5 volts ~ 4.5 watts
> > > 15m at 9.5 volts ~ 3.5 watts
> > > 17m at 11 volts = 5 watts
> > > 20m at 9 volts = 3.3 watts
> > > 40m at 12 volts ~ 5.5 watts
> > > 80m at 9.8 volts ~ 3.7 watts
> > > 160m at 13 volts ~ 6 watts
> > >
> >
>
>
>

558. RE: [X1M_QRP-Transceiver] Re: UPGRADED RADIO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-10 00:23:10 UTC
From: Bill Ramsey
Topic: 545 Message: 558

"Most of you should have just gotten an e-mail from Ed. Looks like things
are moving along. Patience, gang...

73 /paul W3FIS"

Haven't received one yet about any "new" radios or "fixes" for the original
I have.

Bill KA8WTK

559. Re: Power measurements

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-10 03:45:55 UTC
From: gordymurrieta
Topic: 531 Message: 559

I turned off the automatic keyer so CW gives a steady tone. I kept measuring with the multimeter until the display stopped climbing.

Results for CW mode with steady tone:

28.000.000 MHZ = 9.86 volts
21.000.000 MHZ = 9.19 volts
14.000.000 MHZ = 8.9 volts
07.000.000 MHZ = 9.4 volts

So a little better but still not 4 watts which would show around 10.10 volts.

--- In X1M_QRP-Transceiver@yahoogroups.com, Tim <tim@...> wrote:
>
> Hi Gordy,
>
> I don't have a unit <yet>, but wouldn't be better to either use the CW
> mode, or feed in a fixed level audio signal to the microphone? This
> would make your measurements more repeatable... I know my whistle gets
> weak after a while!!! You could probably use a PC sound card
> (headphone/speaker output) to generate it... I'm sure there are lots of
> freeware tone generation software out there.
>
> Thanks for the work.
>
> Tim W5FN
>
>
> > I redid the test within the filtered bands. Power is a 12 volt Power Sonic sealed acid battery, model PS-1229, 2.9 a/h. Two batteries joined so ~ 7 a/h.
> >
> > By the formula P(watts)=((V(volts)x1.414)+0.15))2 /50. So 11 volts = 5 watts, 9 volts = 3.3 watts, and 8.8 volts = 3 watts
> >
> > Band 2:
> >
> > LSB 07.000.000 MHZ = 9 volts
> >
> > comment:
> > Odd thing with using the DL1 dummy load. For LSB, loud whistling for 5 seconds only showed 3 volts. Loud sustained voice got it to 9 volts. Opposite is true for USB, loud whistling showed better power results.
> >
> > Band 3:
> >
> > USB 14.000.000 and 14.400.000 MHZ = 8.8 volts

> >
> > Band 4:
> >
> > USB 21.000.000 and 21.300.000 MHZ = 9.2 volts
> >
> > USB 28.000.000 MHZ = 8.6 volts
> >
> > USB 28.500.000 MHZ = 9.2 volts
> >
> > comments:
> > The radio started to make a high pitch noise after awhile. Maybe this is due to the component that allegedly needs a heat sink.
> > Measurements were at peak readings for sustained loud whistling for 5 seconds except for 40m where LSB showed better results with loud voice. I'll need to build my WM-2 wattmeter to compare results. Current results say the radio cannot do 4 watts on the filtered bands.
> >
> > Not sure what people are finding acceptable to live with. When is the radio too out of spec?
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "yo9irf" <razvanfatu@> wrote:
> >> On 40m at what frequency did you do the test ? Over or below 7.150 ?
> >>
> >> 17m and 12m is higher because it includes the +9MHz spur, as the outputs are unfiltered.
> >>
> >> What was the power supply voltage ?
> >>
> >>
> >> --- In X1M_QRP-Transceiver@yahoogroups.com, "gordymurrieta" <gordymurrieta@> wrote:
> >>> Using Elecraft DL1 dummy load with diode detector and whistling into the microphone I measured the output volts with a multimeter. Calculate output watts using formula:
> >>>
> >>> P(watts)=((V(volts)x1.414)+0.15))2 /50
> >>>
> >>> 10m at 9.5 volts = 3.5 watts
> >>> 12m at 10.5 volts ~ 4.5 watts
> >>> 15m at 9.5 volts ~ 3.5 watts
> >>> 17m at 11 volts = 5 watts
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> >>> 40m at 12 volts ~ 5.5 watts
> >>> 80m at 9.8 volts ~ 3.7 watts
> >>> 160m at 13 volts ~ 6 watts
> >>>
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links

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>

560. Re: Power measurements

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-10 03:56:02 UTC
From: gordymurrieta
Topic: 531 Message: 560

The sealed lead/acid battery measured 12.34 volts with the voltmeter directly.

--- In X1M_QRP-Transceiver@yahoogroups.com, "gordymurrieta" <gordymurrieta@...> wrote:
>
> I turned off the automatic keyer so CW gives a steady tone. I kept measuring with the multimeter until the display stopped climbing.
>
> Results for CW mode with steady tone:
>
> 28.000.000 MHZ = 9.86 volts
> 21.000.000 MHZ = 9.19 volts
> 14.000.000 MHZ = 8.9 volts
> 07.000.000 MHZ = 9.4 volts
>
> So a little better but still not 4 watts which would show around 10.10 volts.
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, Tim <tim@> wrote:
> >
> > Hi Gordy,
> >
> > I don't have a unit <yet>, but wouldn't be better to either use the CW
> > mode, or feed in a fixed level audio signal to the microphone? This
> > would make your measurements more repeatable... I know my whistle gets
> > weak after a while!!! You could probably use a PC sound card
> > (headphone/speaker output) to generate it... I'm sure there are lots of
> > freeware tone generation software out there.
> >
> > Thanks for the work.
> >
> > Tim W5FN
> >
> >
> > > I redid the test within the filtered bands. Power is a 12 volt Power Sonic sealed acid battery, model PS-1229, 2.9 a/h. Two batteries joined so ~ 7 a/h.
> > >
> > > By the formula P(watts)=((V(volts)x1.414)+0.15))2 /50. So 11 volts = 5 watts, 9 volts = 3.3 watts, and 8.8 volts = 3 watts
> > >
> > > Band 2:
> > >
> > > LSB 07.000.000 MHZ = 9 volts
> > >
> > > comment:
> > > Odd thing with using the DL1 dummy load. For LSB, loud whistling for 5 seconds only showed 3 volts. Loud sustained voice got it to 9 volts. Opposite is true for USB, loud

whistling showed better power results.
> > >
> > > Band 3:
> > >
> > > USB 14.000.000 and 14.400.000 MHZ = 8.8 volts
> > >
> > > Band 4:
> > >
> > > USB 21.000.000 and 21.300.000 MHZ = 9.2 volts
> > >
> > > USB 28.000.000 MHZ = 8.6 volts
> > >
> > > USB 28.500.000 MHZ = 9.2 volts
> > >
> > > comments:
> > > The radio started to make a high pitch noise after awhile. Maybe this is due to the component that allegedly needs a heat sink.
> > > Measurements were at peak readings for sustained loud whistling for 5 seconds except for 40m where LSB showed better results with loud voice. I'll need to build my WM-2 wattmeter to compare results. Current results say the radio cannot do 4 watts on the filtered bands.
> > >
> > > Not sure what people are finding acceptable to live with. When is the radio too out of spec?
> > >
> > > --- In X1M_QRP-Transceiver@yahoogroups.com, "yo9irf" <razvanfatu@> wrote:
> > >> On 40m at what frequency did you do the test ? Over or below 7.150 ?
> > >>
> > >> 17m and 12m is higher because it includes the +9MHz spur, as the outputs are unfiltered.
> > >>
> > >> What was the power supply voltage ?
> > >>
> > >>
> > >> --- In X1M_QRP-Transceiver@yahoogroups.com, "gordymurrieta" <gordymurrieta@> wrote:
> > >>> Using Elecraft DL1 dummy load with diode detector and whistling into the microphone I measured the output volts with a multimeter. Calculate output watts using formula:
> > >>>
> > >>> P(watts)=((V(volts)x1.414)+0.15))2 /50
> > >>>
> > >>> 10m at 9.5 volts = 3.5 watts
> > >>> 12m at 10.5 volts ~ 4.5 watts
> > >>> 15m at 9.5 volts ~ 3.5 watts
> > >>> 17m at 11 volts = 5 watts
> > >>> 20m at 9 volts = 3.3 watts
> > >>> 40m at 12 volts ~ 5.5 watts
> > >>> 80m at 9.8 volts ~ 3.7 watts
> > >>> 160m at 13 volts ~ 6 watts
> > >>>
> > >
> > >

> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> >
>

561. Re: UPGRADED RADIO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-10 13:27:29 UTC
From: Paul W. Ross
Topic: 545 Message: 561

Should have kept the letter. Usual "Chinese English" missive, but implied that fixes, un-named, had been addressed.

I'm like the cat that ate cheese, and sat by the mouse hole with baited breath...

73 /paul W3FIS

562. PSK-31 and digital modes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-10 17:44:02 UTC
From: W3FIS
Topic: 562 Message: 562

Anybody try digital modes on the X1M (mine is on order, looking ahead?

Since HRD will apparently interface with the X1M, I am thinking of hooking up a spare SignaLink USB interface I have -- a RJ-45 cable with one end cut off, and connected to a pair of stereo plugs - one for audio input/PTT, the other for audio out from the back headphone jack. Might need a couple of ferrite chokes and some heat shrink tube to make a neat job of it.

Any thoughts or experiences??

73 /paul W3FIS

563. ANY HINTS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-10 17:53:03 UTC
From: POB
Topic: 563 Message: 563

Any hints on what was in the e-mail about upgrades...
I am waiting for the upgrade of improvements before I place an order do not want stuck with the older version..
POB/K8LEN

564. Re: ANY HINTS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-10 19:02:49 UTC
From: W3FIS
Topic: 563 Message: 564

It was pretty vague. Mostly about greater stability. Your guess is as good as mine.

I think the mfg. has all the dope from Ed concerning problems that all who have the radio encountered. I held off on my order until it appeared that I would (fingers crossed) get one out of this new batch.

The power/keying problems, and the band setting for a different region were ones I would have to see fixed. The SSB BFO setting is one you can do yourself, of course. Ditto for marginal soldering in the microphone plug -- I'll check that out anyways, and pot it with RTV silicon rubber, in any event.

73 /paul W3FIS

565. Re: UPGRADED RADIO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-11 00:24:04 UTC
From: csahanin
Topic: 545 Message: 565

Ditto here. I figure I just have to write off $598 and never do business with him again.

GeorgeC
W2DB

--- In X1M_QRP-Transceiver@yahoogroups.com, "Bill Ramsey" <ka8wtk@...> wrote:
>
>
>
> "Most of you should have just gotten an e-mail from Ed. Looks like things
> are moving along. Patience, gang...
>
> 73 /paul W3FIS"
>
> Haven't received one yet about any "new" radios or "fixes" for the original
> I have.
>
> Bill KA8WTK
>

566. RE: [X1M_QRP-Transceiver] Re: UPGRADED RADIO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-11 00:47:41 UTC
From: Bill Ramsey
Topic: 545 Message: 566

I just stated that I had not received an e-mail from Ed about the subject of this thread (UPGRADED RADIO) or an e-mail about fixes he may have in the works. I find Ed very responsive to any e-mail I have personally sent him and I believe that he will do whatever is in his power to try and rectify problems with the first radios. Buying the first of anything is a risk whether it is a new car, computer or anything else. I have spent a lot more money and had less satisfaction/fun with other hobby (radio and other) items than this neat little radio.

Like others, I will be patient and see what happens.

Bill KA8WTK

-----Original Message-----
From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of csahanin
Sent: Wednesday, July 10, 2013 8:24 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: UPGRADED RADIO

Ditto here. I figure I just have to write off $598 and never do business with him again.

GeorgeC
W2DB

567. Bandpass Filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-11 01:30:21 UTC
From: ka8wtk
Topic: 567 Message: 567

WARNING - Novice QRP Op Ahead!

I purchased a bandpass filter from Kis and Parts (quite reasonable) for 17 meters. It appears that it has knocked out the +9 MHz signal on USB when on 17 meters.
Now, I don't own a spectrum analyzer to check this with. What I noticed before the filter was a "carrier" when keying USB with no modulation on an oscilloscope that I use to monitor my AM station. With the filter, the "carrier" no longer seems to be there to the limit of my scope sensitivity. I have the filter tuned for a 1.1:1 SWR on both input and output sides in the center of the band using an MFJ antenna tuner and a dummy load. Band edges rise to 1.2:1 or abouts. I don't notice any real loss in receive sensitivity, but have no way to measure what the insertion loss may be. Also, being new to QRP, I don't have a watt meter that is reliable at this low a power to try and measure transmitted loss or actual transmitter power at 18 MHz.
Has anyone else tried this appraoch or used filters from Kits and Parts?

Bill KA8WTK

568. Re: Bandpass Filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-11 13:19:40 UTC
From: Neil Goldstein
Topic: 567 Message: 568

I'm intrigued at this idea. I don't see any specs about power through the K&P filters. I'm assuming that they can handle 5 Watts OK without smoking if it's working for you.

I'm tempted to order one of the DUAL BP models set up for 40 and 17, and then possibly another for 30 and 12 if this method works.

Unless of course the revised model is something I can swap out my early X1M for. I have tried emailing Dale from Kight Radio, which usually gets a response, but not this time. I would gladly pay an exchange fee, as I know the perils of being an early adopter.

--
Neil Goldstein W2NDG
http://www.neilgoldstein.com

569. Re: Bandpass Filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-11 13:59:07 UTC
From: ka8wtk
Topic: 567 Message: 569

I should mention that the filter I orderd is listed under the "RF Tollkits" area on their web site.

Bill

570. X1M Platinum Edition! - More details and pictures!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-13 06:49:29 UTC
From: pezcat19
Topic: 570 Message: 570

Wow! Check out the X1M Platinum Edition!!!!! The rig looks brilliant in my opinion!

Use Google translate to get the page in English (almost):

http://www.hellocq.net/forum/read.php?tid=318494

Translates as:

==========

X1M Platinum Edition (Overseas customized), is in the country X1M version, based on the appearance of the display, buttons, part of the circuit is optimized for a version, mainly to comply with EU mandatory technical requirements of relevant laws and regulations, as well as relevant FCC requirements.
Areas for improvement in this version is as follows:

1 and replace it with a new type of chip, reducing the impact of NC part of the receiver;
2, for a solid OLED screen, to meet the sun observation, as well as the use of cold regions;
3, the replacement of the button, to improve the touch feel;
4, significantly reducing the use of plug-ins that will replace most of the capacitor chip capacitors;
5, will be replaced by a capacitor LPF section COG chip capacitors, filter characteristics significantly improved;
6, the power amplifier section redesigned, converted to all-MOS amplifier, all using Mitsubishi RF power transistors, high gain RF specifications can be protected, each section were 4.5W maximum power over part of the band reaches 6.5W;
7, the control software has been rewritten and revised the CW portion of the bug, is zoned separation standards;
8, on the machine were the focus of EMC rectification, effectively inhibited the machine's various crosstalk;
9, to meet the requirements of domestic and foreign regulations and inspection machines, in software, on the amateur band emission bands made shield (available in the Project menu to open);
10, in order to increase the reliability of keys, key board uses a PCB gold plating.

To meet the needs of my friends and thank you for your continued support and concern that this X1M Platinum Edition Domestic sales are as follows:
Price: 1180 yuan / Taiwan (only mainland China and Hong Kong, Macao and Taiwan)
Complete set includes:
Host a microphone in hand a power plug a
3.5 key plug

Platinum Edition of the machine with the domestic version of the same quality.

Platinum Edition machine standby current of about 450mA maximum emission current of 1.7A or so.

At 12V voltage supply, Platinum Edition Maximum output power at high frequencies around 4W, 5W around in the low frequency band. When the voltage is 13V when the upgrade, which can basically full power output. To reduce the heat, it is recommended to control the supply voltage 12.5V.

==========

I hope that this is what we will be getting in the latest orders. The RX standby current is still quoted at 450mA MAX, however I can live with this.

This new rig looks awesome!

Perrin
VK3XPT

571. Re: X1M Platinum Edition! - More details and pictures!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-13 07:12:02 UTC
From: Andy
Topic: 570 Message: 571

That's not real new information. Still no confirmation from the resellers...

73 Andy DC3AFA

--- In X1M_QRP-Transceiver@yahoogroups.com, "pezcat19" <pezcat19@...> wrote:
>
>
>
> Wow! Check out the X1M Platinum Edition!!!!! The rig looks brilliant in my opinion!
>
>
> Use Google translate to get the page in English (almost):
>
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> http://www.hellocq.net/forum/read.php?tid=318494
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> X1M Platinum Edition (Overseas customized), is in the country X1M version, based on the appearance of the display, buttons, part of the circuit is optimized for a version, mainly to comply with EU mandatory technical requirements of relevant laws and regulations, as well as relevant FCC requirements.
> Areas for improvement in this version is as follows:
>
> 1 and replace it with a new type of chip, reducing the impact of NC part of the receiver;
> 2, for a solid OLED screen, to meet the sun observation, as well as the use of cold regions;
> 3, the replacement of the button, to improve the touch feel;
> 4, significantly reducing the use of plug-ins that will replace most of the capacitor chip capacitors;
> 5, will be replaced by a capacitor LPF section COG chip capacitors, filter characteristics significantly improved;
> 6, the power amplifier section redesigned, converted to all-MOS amplifier, all using Mitsubishi RF power transistors, high gain RF specifications can be protected, each section were 4.5W maximum power over part of the band reaches 6.5W;
> 7, the control software has been rewritten and revised the CW portion of the bug, is zoned separation standards;
> 8, on the machine were the focus of EMC rectification, effectively inhibited the machine's various crosstalk;
> 9, to meet the requirements of domestic and foreign regulations and inspection machines, in software, on the amateur band emission bands made shield (available in the Project menu to open);

> 10, in order to increase the reliability of keys, key board uses a PCB gold plating.
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> To meet the needs of my friends and thank you for your continued support and concern that this X1M Platinum Edition Domestic sales are as follows:
> Price: 1180 yuan / Taiwan (only mainland China and Hong Kong, Macao and Taiwan)
> Complete set includes:
> Host a microphone in hand a power plug a
> 3.5 key plug
>
> Platinum Edition of the machine with the domestic version of the same quality.
>
> Platinum Edition machine standby current of about 450mA maximum emission current of 1.7A or so.
> At 12V voltage supply, Platinum Edition Maximum output power at high frequencies around 4W, 5W around in the low frequency band. When the voltage is 13V when the upgrade, which can basically full power output. To reduce the heat, it is recommended to control the supply voltage 12.5V.
>
> ==========
>
>
>
> I hope that this is what we will be getting in the latest orders. The RX standby current is still quoted at 450mA MAX, however I can live with this.
>
> This new rig looks awesome!
>
> Perrin
> VK3XPT
>

572. Re: X1M Platinum Edition! - More details and pictures!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-13 07:21:28 UTC
From: pezcat19
Topic: 570 Message: 572

Well I hope I didn't waste your time Andy :/ There is a fair bit of new information there.

Ed from Import Communications has told me that he received information from the manufacturer, stating that the delay for the new batch was caused (partly) because of some of the requested improvements that were being implemented, AND that a new LCD screen was being introduced.

Ed does not have any further information. I am fine with this as he is in a very difficult situation with the "communication barriers" that exist.

I am only joining the dots, but THIS looks like our radio, and I hope it is.

73

Perrin
VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "Andy" <andreas.fuehrmann@...> wrote:
>
> That's not real new information. Still no confirmation from the resellers...
>
> 73 Andy DC3AFA
>

573. Re: X1M Platinum Edition! - More details and pictures!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-13 08:11:21 UTC
From: Andy
Topic: 570 Message: 573

Didn't want to spoil the party, Perrin ;-)
As told before, I have asked Wimo in Germany, too.
The lack on information is really annoying.
You have to order something that may turn to something completely different when it arrives. Hope they will implement better lowpass filters.

73 Andy DC3AFA

--- In X1M_QRP-Transceiver@yahoogroups.com, "pezcat19" <pezcat19@...> wrote:
>
>
> Well I hope I didn't waste your time Andy :/ There is a fair bit of new information there.
>
> Ed from Import Communications has told me that he received information from the manufacturer, stating that the delay for the new batch was caused (partly) because of some of the requested improvements that were being implemented, AND that a new LCD screen was being introduced.
>
> Ed does not have any further information. I am fine with this as he is in a very difficult situation with the "communication barriers" that exist.
>
> I am only joining the dots, but THIS looks like our radio, and I hope it is.
>
> 73
>
> Perrin
> VK3XPT
>
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Andy" <andreas.fuehrmann@> wrote:
> >
> > That's not real new information. Still no confirmation from the resellers...
> >
> > 73 Andy DC3AFA
> >
>

574. Re: X1M Platinum Edition! - More details and pictures!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-13 13:12:38 UTC
From: Andy
Topic: 570 Message: 574

Just saw on this site: http://item.taobao.com/item.htm?id=14421769541
that there is a price difference between standard and platinum edition.

--- In X1M_QRP-Transceiver@yahoogroups.com, "Andy" <andreas.fuehrmann@...> wrote:
>
> Didn't want to spoil the party, Perrin ;-)
> As told before, I have asked Wimo in Germany, too.
> The lack on information is really annoying.
> You have to order something that may turn to something completely different when it arrives. Hope they will implement better lowpass filters.
>
> 73 Andy DC3AFA
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "pezcat19" <pezcat19@> wrote:
> >
> >
> > Well I hope I didn't waste your time Andy :/ There is a fair bit of new information there.
> >
> > Ed from Import Communications has told me that he received information from the manufacturer, stating that the delay for the new batch was caused (partly) because of some of the requested improvements that were being implemented, AND that a new LCD screen was being introduced.
> >
> > Ed does not have any further information. I am fine with this as he is in a very difficult situation with the "communication barriers" that exist.
> >
> > I am only joining the dots, but THIS looks like our radio, and I hope it is.
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> > 73
> >
> > Perrin
> > VK3XPT
> >
> >
> >
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "Andy" <andreas.fuehrmann@> wrote:
> > >
> > > That's not real new information. Still no confirmation from the resellers...
> > >
> > > 73 Andy DC3AFA
> > >
> >
>

575. Re: X1M Platinum Edition! - More details and pictures!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-13 21:08:29 UTC
From: W3FIS
Topic: 570 Message: 575

So, which version will we be getting? Frankly, I like the retention of the PL-259 connector system -- much more rugged than BNCs.

BTW, how does Ed ship? I will be traveling at the end of next week, and likely will have to have a neighbor watch out for a package, assuming shipping will take place soon.

73 /paul W3FIS

576. Re: X1M Platinum Edition! - More details and pictures!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-13 21:22:25 UTC
From: pezcat19
Topic: 570 Message: 576

Hi Paul,

I don't have any "facts" for you, just information that I am reading from the manufacturer, that is lining up with the small amount of info that Ed has been given...

I really hope we get the PL-259 (SO-239) connector also. The X1M Platinum Edition appears to have this connector.

I don't know what shipping method Ed uses, but I hope its fast! :)

73
Perrin
VK3XPT

577. Re: X1M Platinum Edition! - More details and pictures!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-13 21:26:31 UTC
From: Andy
Topic: 570 Message: 577

Wimo in Germany will get the PL-connector version, too.

73 Andy DC3AFA

--- In X1M_QRP-Transceiver@yahoogroups.com, "pezcat19" <pezcat19@...> wrote:
>
> Hi Paul,
>
> I don't have any "facts" for you, just information that I am reading from the manufacturer, that is lining up with the small amount of info that Ed has been given...
>
> I really hope we get the PL-259 (SO-239) connector also. The X1M Platinum Edition appears to have this connector.
>
> I don't know what shipping method Ed uses, but I hope its fast! :)
>
> 73
> Perrin
> VK3XPT
>

578. Re: X1M Platinum Edition! - More details and pictures!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-13 21:30:03 UTC
From: pezcat19
Topic: 570 Message: 578

Hi Andy,

That is good news. Have Wimo received any other information that you know of?

73
Perrin

--- In X1M_QRP-Transceiver@yahoogroups.com, "Andy" <andreas.fuehrmann@...> wrote:
>
> Wimo in Germany will get the PL-connector version, too.
>
> 73 Andy DC3AFA
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "pezcat19" <pezcat19@> wrote:
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> > Hi Paul,
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> > I don't have any "facts" for you, just information that I am reading from the manufacturer, that is lining up with the small amount of info that Ed has been given...
> >
> > I really hope we get the PL-259 (SO-239) connector also. The X1M Platinum Edition appears to have this connector.
> >
> > I don't know what shipping method Ed uses, but I hope its fast! :)
> >
> > 73
> > Perrin
> > VK3XPT
> >
>

579. Re: X1M Platinum Edition! - More details and pictures!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-13 22:26:35 UTC
From: Andy
Topic: 570 Message: 579

Unfortunately no more information than we already have.
The only thing 100% for sure is the PL-connector...

73 Andy DC3AFA

--- In X1M_QRP-Transceiver@yahoogroups.com, "pezcat19" <pezcat19@...> wrote:
>
>
> Hi Andy,
>
> That is good news. Have Wimo received any other information that you know of?
>
> 73
> Perrin
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Andy" <andreas.fuehrmann@> wrote:
> >
> > Wimo in Germany will get the PL-connector version, too.
> >
> > 73 Andy DC3AFA
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "pezcat19" <pezcat19@> wrote:
> > >
> > > Hi Paul,
> > >
> > > I don't have any "facts" for you, just information that I am reading from the
manufacturer, that is lining up with the small amount of info that Ed has been given...
> > >
> > > I really hope we get the PL-259 (SO-239) connector also. The X1M Platinum Edition
appears to have this connector.
> > >
> > > I don't know what shipping method Ed uses, but I hope its fast! :)
> > >
> > > 73
> > > Perrin
> > > VK3XPT
> > >
> >
>

580. Re: Bandpass Filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-15 00:20:49 UTC
From: ka8wtk
Topic: 567 Message: 580

OK, it seems I may have found a way to get an idea of the insertion loss of the Kits and Parts bandpass filter for 17 meters.
Using an IC-730 with RF output turned way down, dummy load and my modulation scope there appears to be about a 3 db loss of transmit signal.
Now, this is a kit, and while I have built modern kits before with toroids (several SoftRock receivers, yes they work) I may have screwed up in the assembly or winding the toroids. But if I did, I can't find the error. I need to contact the supplier for hints and I may just order the low pass filter kit (also very reasonable) and see what happens with it.
As a cross check to my findings, I am contacting a local QRP OP with way more experience than I have to try the same sort of experiments with his equipment. As I said before, I don't have a watt meter I trust at this low power level to be accurate.
I will share what I find when I have more information.

Bill KA8WTK
-

581. Re: [X1M_QRP-Transceiver] Re: Bandpass Filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-15 14:05:09 UTC
From: M_AND_R_SHAREF
Topic: 567 Message: 581

Remember when you wind a toroid, you count the inside turns. Not the outside turns, or you'll be off by one. 73

On Sun, Jul 14, 2013 at 8:20 PM, ka8wtk <ka8wtk@...> wrote:

> **
>
>
> OK, it seems I may have found a way to get an idea of the insertion loss
> of the Kits and Parts bandpass filter for 17 meters.
> Using an IC-730 with RF output turned way down, dummy load and my
> modulation scope there appears to be about a 3 db loss of transmit signal.
> Now, this is a kit, and while I have built modern kits before with toroids
> (several SoftRock receivers, yes they work) I may have screwed up in the
> assembly or winding the toroids. But if I did, I can't find the error. I
> need to contact the supplier for hints and I may just order the low pass
> filter kit (also very reasonable) and see what happens with it.
> As a cross check to my findings, I am contacting a local QRP OP with way
> more experience than I have to try the same sort of experiments with his
> equipment. As I said before, I don't have a watt meter I trust at this low
> power level to be accurate.
> I will share what I find when I have more information.
>
> Bill KA8WTK
> -
>
>
>

582. Re: Bandpass Filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-15 16:32:50 UTC
From: Arthur Petteway
Topic: 567 Message: 582

I believe Kits and Parts Band Pass filters are receive only.

Art

583. Re: [X1M_QRP-Transceiver] Re: Bandpass Filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-15 17:05:49 UTC
From: BIll Ramsey
Topic: 567 Message: 583

Hi Art,
That is what I found out talking to Kits and Parts. I have ordered a universal low pass filter.

>
> I believe Kits and Parts Band Pass filters are receive only.
>
> Art
>

584. Re: Bandpass Filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-17 02:13:13 UTC
From: W3FIS
Topic: 567 Message: 584

For QRP level power measurements, I have a 52 ohm resistor in a box with a UHF connector. I then pick up a signal from it with a diode, feed into a small capacitor, and measure the resulting DC. That is the PEAK value, so V^2/100 does the trick.

73 /paul W3FIS

585. X1M a sad story

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-17 07:30:11 UTC
From: steve sharp
Topic: 585 Message: 585

Back in March I purchased an X1M from Kight radio, the unit arrived from China pretty quickly.

It only took a few hours with it to discover that the AF was way to low, a 30+ station required the volume on full to just barely be audible over the ambient noise in the shack and the RF out varied from none to intermittent.

I contacted Kight and obtained a RMA (RMA8) and airmailed the radio back for a warranty replacement or repair in early April.

Well by the start of June I was concerned that I had heard nothing concrete back from the them, so gave them a call on the phone from Australia - not sure with whom I spoke, but they assured me that I would have a replacement on the way around the 21st June.

Well here we are on July 17th and I have no X1M or any idea when I'm going to get one.

My emails are not being responded to.

So, have I done my dough or is Kight just pretty slack in the customer support area?

73 de Steve VK2ARS

586. Re: X1M a sad story

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-17 07:48:45 UTC
From: pezcat19
Topic: 585 Message: 586

Hi Steve.

Sorry to hear that. We know 'generally' what the manufacturing delays are due to (a new design), however the lack of response you have had from KightRadio is disappointing. I have an X1M on order from Import Communications and I have had reasonable communication from them, and I am comfortable with the wait... Hopefully there will be some good news and updates shortly.

I understand that the the distributors are not receiving much (or any) information, so it is a waiting game a the moment.

I have found out most if my information by reading the blog and Chinese forums where the manufacturer documents their progress. Based on this, I would say you are in the same waiting list as me, and this is most likely that we are waiting to receive the new X1M Platinum Edition. It should be shipping VERY soon based on the Chinese blogs. See the last few topics in the forum for info on this.

So don't give up - hang in there I say. It is just a shame that the communication from KightRadio seems to be so poor.

Good Luck!

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "steve sharp" <sharpst@...> wrote:
>
> Back in March I purchased an X1M from Kight radio, the unit arrived from China pretty quickly.
>
> It only took a few hours with it to discover that the AF was way to low, a 30+ station required the volume on full to just barely be audible over the ambient noise in the shack and the RF out varied from none to intermittent.
>
> I contacted Kight and obtained a RMA (RMA8) and airmailed the radio back for a warranty replacement or repair in early April.
>
> Well by the start of June I was concerned that I had heard nothing concrete back from the them, so gave them a call on the phone from Australia - not sure with whom I spoke, but they assured me that I would have a replacement on the way around the 21st June.
>
> Well here we are on July 17th and I have no X1M or any idea when I'm going to get one.
>
> My emails are not being responded to.
>
> So, have I done my dough or is Kight just pretty slack in the customer support area?
>
> 73 de Steve VK2ARS

>

587. Re: [X1M_QRP-Transceiver] X1M a sad story

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-17 11:23:37 UTC
From: Mark Thompson
Topic: 585 Message: 587

When I decided to purchase an X1M, I emailed Kight several times and no response. I tried the two phone numbers and no response. From what others on this forum have said this is typical. I purchased mine from Ed at Importcommunications.com and could not be happier. Ed responded to my emails and his customer support has been excellent.
73
Mark (KV8T)
On Jul 17, 2013 3:30 AM, "steve sharp" <sharpst@...> wrote:

> **
>
>
> Back in March I purchased an X1M from Kight radio, the unit arrived from
> China pretty quickly.
>
> It only took a few hours with it to discover that the AF was way to low, a
> 30+ station required the volume on full to just barely be audible over the
> ambient noise in the shack and the RF out varied from none to intermittent.
>
> I contacted Kight and obtained a RMA (RMA8) and airmailed the radio back
> for a warranty replacement or repair in early April.
>
> Well by the start of June I was concerned that I had heard nothing
> concrete back from the them, so gave them a call on the phone from
> Australia - not sure with whom I spoke, but they assured me that I would
> have a replacement on the way around the 21st June.
>
> Well here we are on July 17th and I have no X1M or any idea when I'm going
> to get one.
>
> My emails are not being responded to.
>
> So, have I done my dough or is Kight just pretty slack in the customer
> support area?
>
> 73 de Steve VK2ARS
>
>
>

588. Re: X1M a sad story

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-17 13:17:31 UTC
From: John Golub
Topic: 585 Message: 588

Hello Steve,

Guess I'll go ahead and speak up. I'm kinda in the same boat here as you. I ordered an X1M from Dale in April partly due to his quick e-mail correspondences. It arrived here May 18th, but was DOA. After some more emails and a thumbs up to open up the radio, I found a pin had gotten bent between the face and one of the main boards of the radio. Taking advantage of the warrantee, I wend ahead and sent the radio back to Dale (RMA #12). My last message from him was from May 28, confirming the radio had arrived at his place. Since then I have e-mailed twice conventionally and twice through the customer portal of his website. No responses from any of the attempts.

Still though, I'll say be patient. The day I sent my radio back in, Dale's hometown of Moore Oklahoma was hit by a major tornado. His family and place were okay, but I've given him a pass for not corresponding because of this.

Hopefully we will get a radio from the new batch that's coming out. When my radio came in May, it was actually shipped from Ed at Import Communications. SO I think Ed may be acting as a distributor for Dale(or at least did in May). If I don't see a radio or hear anything after the next batch of radios goes out, then he will be my next point of contact. All in all though, I'm going to keep patient. At least you spoke to someone in June, so that sounds good. I do wish Dale would speak up though and let us know what's going on. Maybe Ed could add some insight?

Take care & good luck,
John Golub
KC8JZO
Dayton, OH. USA

589. Re: [X1M_QRP-Transceiver] Re: X1M a sad story

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-17 13:49:00 UTC
From: Mark Thompson
Topic: 585 Message: 589

Ed is the only authorized distributor in the U.S. I think Dale is getting
them from Ed.
73
Mark (KV8T)
On Jul 17, 2013 9:17 AM, "John Golub" <johnkc8jzo@...> wrote:

> **
>
>
>
> Hello Steve,
>
> Guess I'll go ahead and speak up. I'm kinda in the same boat here as you.
> I ordered an X1M from Dale in April partly due to his quick e-mail
> correspondences. It arrived here May 18th, but was DOA. After some more
> emails and a thumbs up to open up the radio, I found a pin had gotten bent
> between the face and one of the main boards of the radio. Taking advantage
> of the warrantee, I wend ahead and sent the radio back to Dale (RMA #12).
> My last message from him was from May 28, confirming the radio had arrived
> at his place. Since then I have e-mailed twice conventionally and twice
> through the customer portal of his website. No responses from any of the
> attempts.
>
> Still though, I'll say be patient. The day I sent my radio back in, Dale's
> hometown of Moore Oklahoma was hit by a major tornado. His family and place
> were okay, but I've given him a pass for not corresponding because of this.
>
> Hopefully we will get a radio from the new batch that's coming out. When
> my radio came in May, it was actually shipped from Ed at Import
> Communications. SO I think Ed may be acting as a distributor for Dale(or at
> least did in May). If I don't see a radio or hear anything after the next
> batch of radios goes out, then he will be my next point of contact. All in
> all though, I'm going to keep patient. At least you spoke to someone in
> June, so that sounds good. I do wish Dale would speak up though and let us
> know what's going on. Maybe Ed could add some insight?
>
> Take care & good luck,
> John Golub
> KC8JZO
> Dayton, OH. USA
>
>
>

590. Re: X1M a sad story

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-17 15:13:01 UTC
From: John Golub
Topic: 585 Message: 590

Hello Mark,

From what I understand, Dale is the person going to China and dealing with the company. Ed does seem to be the distributor. Both have separate websites, but I think both are working together in regards to the supply chain. Please correct me if I'm wrong.

73,
John
KC8JZO

P.S. In my original post, I forgot to mention that Dale did put up a blurb on his X1A page stating the next shipment of radios would be late. This was as of June 26. I'm going to be patient and wait to see what happens before I jump to any conclusions. Despite the lack of communication after May 28, I have no reason to believe there's been any wrongdoing. It would be nice though if someone from either side could chime in.

--- In X1M_QRP-Transceiver@yahoogroups.com, Mark Thompson <mhtent@...> wrote:
>
> Ed is the only authorized distributor in the U.S. I think Dale is getting
> them from Ed.
> 73
> Mark (KV8T)

591. Microphone wiring

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-17 19:31:28 UTC
From: Bruce
Topic: 591 Message: 591

A few folks here have mentioned replacing the stock mic. Can someone post the connector pinout? I tried opening the back of the mic but there are more than 3 wires in the cable!

592. Re: Microphone wiring

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-18 00:28:06 UTC
From: W3FIS
Topic: 591 Message: 592

--- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce" <ko4xl@...> wrote:
>
> A few folks here have mentioned replacing the stock mic. Can someone post the connector pinout? I tried opening the back of the mic but there are more than 3 wires in the cable!
>

These are "re-purposed" speaker mics, such as are used on the Chinese HTs. The 4th wire is connected to the un-used headphone jack. Sleeve is ground, of course. Use your ohm meter to see which give a closure to ground when the PTT button is activated. The other will be the microphone line.

I think this issue was discussed when people were having problems with the QC on the soldering in the microphone plug. Search the messages for that issue.

73 /paul W3FIS

593. Re: X1M a sad story

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-18 13:00:25 UTC
From: vk2dmh
Topic: 585 Message: 593

Guys,
I contacted Dale through the Kightradio.com web site and got an answer back in two days this time. (My previous query a few days before went unanswered.)

Dale apologized for the delays and offered me a refund if I wanted it. I told him thanks, but I would wait a bit longer and see how the revised radios looked like.

I remember also that there was some kind of refund guarantee, like having the money in escrow (although that wasn't how they described it). There is some separate company holding the money until the product is delivered. So I would be really surprised if any customer lost out on this deal. I looked for that email but I couldn't find it under Kightradio. But I definitely received such an assurance in an email. So don't get too despondent. I should think Kightradio or the other importers are the ones sweating more than you and me... They have much more to lose than $300.

Cheers es 73,

David, VK2DMH

594. Re: UPGRADED RADIO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-18 14:43:33 UTC
From: Arvo Rantinen
Topic: 545 Message: 594

Y'all &c,

After I gave the dog its first run with the sheep I realized that this was gonna be my learning moment. Then, as time went on I kept thinking "Put it in another box, wired up the way you like it, put a tiny fan on the VFO IC, put a Z-match in the box with it & then figure you'd built the radio." Then I took my meds & became less delusional.

So now there's a possibility of exchange/repair/swap whatever?

Don't see how that's cost effective to anybody, let alone manufacturer or vendor. Sure be nice but I live in a somewhat less delusional world than most folks on a variety of meme levels.

If and/or when I can say "Here's mine. Gimme one what works," I ain't holdin' my breath.

And it ain't Ed or Import Comm I'm carpin' about. It's just the absolute shallow depth of engineering went into the X1M I have in a box in the closet. To make it clearer: it's the manufacturer's role.

Now I gotta mow a lawn & build a door on a shed. That stuff I can grok easy bigtime.

3s

Nils

595. RE: [X1M_QRP-Transceiver] Re: UPGRADED RADIO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-18 15:27:33 UTC
From: Fred VE3FAL
Topic: 545 Message: 595

Absolutely right on that one Nils, that is why testing was done on the first unit back in 2012.. I have all kinds of video and audio clips that was sent with some of the issues..I listed both PROS and CONS of the radio and what would be nice to have or should have been changed. The first unit had terrible power output across the band, some of the ham bands had next to nothing and move out of band a bit and 5 watts.

Time will tell, and time will make or break the manufacturer as will any quality control issues.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Arvo Rantinen
Sent: July 18, 2013 10:44 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: UPGRADED RADIO

Y'all &c,

After I gave the dog its first run with the sheep I realized that this was gonna be my learning moment. Then, as time went on I kept thinking "Put it in another box, wired up the way you like it, put a tiny fan on the VFO IC, put a Z-match in the box with it & then figure you'd built the radio." Then I took my meds & became less delusional.

So now there's a possibility of exchange/repair/swap whatever?

Don't see how that's cost effective to anybody, let alone manufacturer or vendor. Sure be nice but I live in a somewhat less delusional world than most folks on a variety of meme levels.

If and/or when I can say "Here's mine. Gimme one what works," I ain't holdin' my breath.

And it ain't Ed or Import Comm I'm carpin' about. It's just the absolute shallow depth of engineering went into the X1M I have in a box in the closet. To make it clearer: it's the manufacturer's role.

Now I gotta mow a lawn & build a door on a shed. That stuff I can grok easy bigtime.

3s

Nils

596. Newby question - Which onw?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-20 04:17:10 UTC
From: Lee - N9LO
Topic: 596 Message: 596

I just recently joined the group and want to get one. Should I get on the waiting list for the next US shipment or wait for the X1M Platinum Edition? Will the X1M Platinum Edition come soon? Thank you.

Lee - N9LO

597. Re: Newby question - Which onw?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-20 17:11:16 UTC
From: Andy
Topic: 596 Message: 597

I am not in the US but I guess situation is the same everywhere.
Since there is no information on what version will be shipped,
we will have to wait until the first of us guys gets his new X1M.

73 Andy DC3AFA

--- In X1M_QRP-Transceiver@yahoogroups.com, "Lee - N9LO" <mr.olson@...> wrote:
>
> I just recently joined the group and want to get one. Should I get on the waiting list for the next US shipment or wait for the X1M Platinum Edition? Will the X1M Platinum Edition come soon? Thank you.
>
> Lee - N9LO
>

598. Waiting for the X1M Platinum.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-20 17:35:24 UTC
From: kf9cm
Topic: 598 Message: 598

Well Guys,
I'm waiting for the X1M Platinum as well. My 2nd exchanged X1M (WHICH DOES NOT WORK), is boxed up and ready to go back to Kight Radio. I talked to Dale two weeks ago and was told to call back that Friday after 4pm CST. On that Friday it rang 15 times and then disconnected. I tried on Monday, believe it or not I got a recording saying to call back Friday after 4pm CST, It rang 15 times and then disconnected. I mean if the guy doesn't want to talk to anyone, fine, Then leave us a message with an update. I'm a patient guy but come on.

73 de Gary,KF9CM

599. Re: Waiting for the X1M Platinum.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-20 20:46:23 UTC
From: W3FIS
Topic: 598 Message: 599

Just got a letter from Ed. Very promising. He thinks he should be hearing from the factory shortly about the new production run.

We shall see....

73 /paul W3FIS

600. Re: Newby question - Which onw?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-20 20:48:11 UTC
From: W3FIS
Topic: 596 Message: 600

If I understand the letter I got from Ed this afternoon, the Platinum model is what will be shipping. He believes he should be hearing from the factory shortly in regards to the new production run.

I'm hopeful...

73 /paul W3FIS

601. Re: [X1M_QRP-Transceiver] Waiting for the X1M Platinum.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-20 21:19:53 UTC
From: Mark Thompson
Topic: 598 Message: 601

The exact reason I did not buy from Kight and bought from
Importcommunications.com. I have had my X1M for 3 months now and love it.
No problems and working a lot of DX.
73
Mark (KV8T)
On Jul 20, 2013 1:35 PM, "kf9cm" <Gary@kf9cm.com> wrote:

> **
>
>
> Well Guys,
> I'm waiting for the X1M Platinum as well. My 2nd exchanged X1M (WHICH DOES
> NOT WORK), is boxed up and ready to go back to Kight Radio. I talked to
> Dale two weeks ago and was told to call back that Friday after 4pm CST. On
> that Friday it rang 15 times and then disconnected. I tried on Monday,
> believe it or not I got a recording saying to call back Friday after 4pm
> CST, It rang 15 times and then disconnected. I mean if the guy doesn't want
> to talk to anyone, fine, Then leave us a message with an update. I'm a
> patient guy but come on.
>
> 73 de Gary,KF9CM
>
>
>

602. RE: [X1M_QRP-Transceiver] Waiting for the X1M Platinum.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-21 04:28:01 UTC
From: Lee
Topic: 598 Message: 602

The Import Communications site has changed and they are offering the X1M Platinum for $349. I ordered one.

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kf9cm
Sent: Saturday, July 20, 2013 12:35 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Waiting for the X1M Platinum.

Well Guys,
I'm waiting for the X1M Platinum as well. My 2nd exchanged X1M (WHICH DOES NOT WORK), is boxed up and ready to go back to Kight Radio. I talked to Dale two weeks ago and was told to call back that Friday after 4pm CST. On that Friday it rang 15 times and then disconnected. I tried on Monday, believe it or not I got a recording saying to call back Friday after 4pm CST, It rang 15 times and then disconnected. I mean if the guy doesn't want to talk to anyone, fine, Then leave us a message with an update. I'm a patient guy but come on.

73 de Gary,KF9CM

603. Re: Waiting for the X1M Platinum.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-21 07:38:14 UTC
From: Andy
Topic: 598 Message: 603

Very interesting! Have asked Wimo in Germany, too. Hopefully they will get this version, too.

--- In X1M_QRP-Transceiver@yahoogroups.com, "Lee" <mr.olson@...> wrote:
>
> The Import Communications site has changed and they are offering the X1M
> Platinum for $349. I ordered one.
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kf9cm
> Sent: Saturday, July 20, 2013 12:35 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Waiting for the X1M Platinum.
>
>
>
>
>
> Well Guys,
> I'm waiting for the X1M Platinum as well. My 2nd exchanged X1M (WHICH DOES
> NOT WORK), is boxed up and ready to go back to Kight Radio. I talked to Dale
> two weeks ago and was told to call back that Friday after 4pm CST. On that
> Friday it rang 15 times and then disconnected. I tried on Monday, believe it
> or not I got a recording saying to call back Friday after 4pm CST, It rang
> 15 times and then disconnected. I mean if the guy doesn't want to talk to
> anyone, fine, Then leave us a message with an update. I'm a patient guy but
> come on.
>
> 73 de Gary,KF9CM
>

604. Re: Waiting for the X1M Platinum.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-21 07:43:40 UTC
From: Andy
Topic: 598 Message: 604

They tell:
New Platinum Edition

Improved Display, Improved Controls
Improved Components, Improved Filtering, Improved Performance

But the description seems to be the same.

73 Andy DC3AFA

--- In X1M_QRP-Transceiver@yahoogroups.com, "Lee" <mr.olson@...> wrote:
>
> The Import Communications site has changed and they are offering the X1M
> Platinum for $349. I ordered one.
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kf9cm
> Sent: Saturday, July 20, 2013 12:35 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Waiting for the X1M Platinum.
>
>
>
>
>
> Well Guys,
> I'm waiting for the X1M Platinum as well. My 2nd exchanged X1M (WHICH DOES
> NOT WORK), is boxed up and ready to go back to Kight Radio. I talked to Dale
> two weeks ago and was told to call back that Friday after 4pm CST. On that
> Friday it rang 15 times and then disconnected. I tried on Monday, believe it
> or not I got a recording saying to call back Friday after 4pm CST, It rang
> 15 times and then disconnected. I mean if the guy doesn't want to talk to
> anyone, fine, Then leave us a message with an update. I'm a patient guy but
> come on.
>
> 73 de Gary,KF9CM
>

605. Re: X1M Platinum Edition! - More details and pictures!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-21 09:41:23 UTC
From: pezcat19
Topic: 570 Message: 605

Hi all,

As most of you will now know, it has now been confirmed that we who are waiting for an X1M will be receiving the X1M Platinum Edition instead (this is great news in my opinion).

I have uploaded the "X1M Platinum Edition Quick Start Guide first release V1.pdf" to the files section. This document appears to be a draft, and I expect things will change but it does give us an idea of what to expect.

The document is in Chinese, and I have been unable to translate the entire document this stage. (I have used Google Translate to read some individual sections, but the entire document just won't translate in "one go" for some reason...)

I thought it wold be good to share this, and if someone is able to do a full translate and then "re-upload" it to the group, that would be great.

I will post any updates that I find in this thread.

73

Perrin VK3XPT

.

--- In X1M_QRP-Transceiver@yahoogroups.com, "pezcat19" <pezcat19@...> wrote:
>
>
>
> Wow! Check out the X1M Platinum Edition!!!!! The rig looks brilliant in my opinion!
>
>
> Use Google translate to get the page in English (almost):
>
>
> http://www.hellocq.net/forum/read.php?tid=318494
>
>
> Translates as:
>
> ==========
>
> X1M Platinum Edition (Overseas customized), is in the country X1M version, based on the appearance of the display, buttons, part of the circuit is optimized for a version, mainly to comply with EU mandatory technical requirements of relevant laws and regulations, as well as relevant FCC requirements.
> Areas for improvement in this version is as follows:
>

> 1 and replace it with a new type of chip, reducing the impact of NC part of the receiver;
> 2, for a solid OLED screen, to meet the sun observation, as well as the use of cold regions;
> 3, the replacement of the button, to improve the touch feel;
> 4, significantly reducing the use of plug-ins that will replace most of the capacitor chip capacitors;
> 5, will be replaced by a capacitor LPF section COG chip capacitors, filter characteristics significantly improved;
> 6, the power amplifier section redesigned, converted to all-MOS amplifier, all using Mitsubishi RF power transistors, high gain RF specifications can be protected, each section were 4.5W maximum power over part of the band reaches 6.5W;
> 7, the control software has been rewritten and revised the CW portion of the bug, is zoned separation standards;
> 8, on the machine were the focus of EMC rectification, effectively inhibited the machine's various crosstalk;
> 9, to meet the requirements of domestic and foreign regulations and inspection machines, in software, on the amateur band emission bands made shield (available in the Project menu to open);
> 10, in order to increase the reliability of keys, key board uses a PCB gold plating.
>
> To meet the needs of my friends and thank you for your continued support and concern that this X1M Platinum Edition Domestic sales are as follows:
> Price: 1180 yuan / Taiwan (only mainland China and Hong Kong, Macao and Taiwan)
> Complete set includes:
> Host a microphone in hand a power plug a
> 3.5 key plug
>
> Platinum Edition of the machine with the domestic version of the same quality.
>
> Platinum Edition machine standby current of about 450mA maximum emission current of 1.7A or so.
> At 12V voltage supply, Platinum Edition Maximum output power at high frequencies around 4W, 5W around in the low frequency band. When the voltage is 13V when the upgrade, which can basically full power output. To reduce the heat, it is recommended to control the supply voltage 12.5V.
>
> ==========
>
>
>
> I hope that this is what we will be getting in the latest orders. The RX standby current is still quoted at 450mA MAX, however I can live with this.
>
> This new rig looks awesome!
>
> Perrin
> VK3XPT
>

606. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-21 09:43:21 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 606

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Manuals/X1M Platinum Edition Quick Start Guide first release V1.pdf
Uploaded by : pezcat19 <pezcat19@...>
Description : X1M Platinum Edition Quick Start Guide first release V1.pdf

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/X1M%20Platinum%20Edition%20Quick%20Start%20Guide%20first%20release%20V1.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

pezcat19 <pezcat19@...>

607. RE: [X1M_QRP-Transceiver] Re: X1M Platinum Edition! - More details and pictures!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-21 12:20:07 UTC
From: Lee
Topic: 570 Message: 607

Thank you for your work on the new manual.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of pezcat19
Sent: Sunday, July 21, 2013 4:41 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: X1M Platinum Edition! - More details and pictures!

Hi all,

As most of you will now know, it has now been confirmed that we who are waiting for an X1M will be receiving the X1M Platinum Edition instead (this is great news in my opinion).

I have uploaded the "X1M Platinum Edition Quick Start Guide first release V1.pdf" to the files section. This document appears to be a draft, and I expect things will change but it does give us an idea of what to expect.

The document is in Chinese, and I have been unable to translate the entire document this stage. (I have used Google Translate to read some individual sections, but the entire document just won't translate in "one go" for some reason...)

I thought it wold be good to share this, and if someone is able to do a full translate and then "re-upload" it to the group, that would be great.

I will post any updates that I find in this thread.

73

Perrin VK3XPT

.

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "pezcat19" <pezcat19@...>
wrote:
>
>
>
> Wow! Check out the X1M Platinum Edition!!!!! The rig looks brilliant in my opinion!
>

>
> Use Google translate to get the page in English (almost):
>
>
> http://www.hellocq.net/forum/read.php?tid=318494
>
>
> Translates as:
>
> ==========
>
> X1M Platinum Edition (Overseas customized), is in the country X1M version, based on the appearance of the display, buttons, part of the circuit is optimized for a version, mainly to comply with EU mandatory technical requirements of relevant laws and regulations, as well as relevant FCC requirements.
> Areas for improvement in this version is as follows:
>
> 1 and replace it with a new type of chip, reducing the impact of NC part of the receiver;
> 2, for a solid OLED screen, to meet the sun observation, as well as the use of cold regions;
> 3, the replacement of the button, to improve the touch feel;
> 4, significantly reducing the use of plug-ins that will replace most of the capacitor chip capacitors;
> 5, will be replaced by a capacitor LPF section COG chip capacitors, filter characteristics significantly improved;
> 6, the power amplifier section redesigned, converted to all-MOS amplifier, all using Mitsubishi RF power transistors, high gain RF specifications can be protected, each section were 4.5W maximum power over part of the band reaches 6.5W;
> 7, the control software has been rewritten and revised the CW portion of the bug, is zoned separation standards;
> 8, on the machine were the focus of EMC rectification, effectively inhibited the machine's various crosstalk;
> 9, to meet the requirements of domestic and foreign regulations and inspection machines, in software, on the amateur band emission bands made shield (available in the Project menu to open);
> 10, in order to increase the reliability of keys, key board uses a PCB gold plating.
>
> To meet the needs of my friends and thank you for your continued support and concern that this X1M Platinum Edition Domestic sales are as follows:
> Price: 1180 yuan / Taiwan (only mainland China and Hong Kong, Macao and Taiwan)
> Complete set includes:
> Host a microphone in hand a power plug a
> 3.5 key plug
>
> Platinum Edition of the machine with the domestic version of the same

quality.
>
> Platinum Edition machine standby current of about 450mA maximum emission current of 1.7A or so.
> At 12V voltage supply, Platinum Edition Maximum output power at high frequencies around 4W, 5W around in the low frequency band. When the voltage is 13V when the upgrade, which can basically full power output. To reduce the heat, it is recommended to control the supply voltage 12.5V.
>
> ==========
>
>
>
> I hope that this is what we will be getting in the latest orders. The RX standby current is still quoted at 450mA MAX, however I can live with this.
>
> This new rig looks awesome!
>
> Perrin
> VK3XPT
>

608. Re: New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-21 13:51:37 UTC
From: kf9cm
Topic: 11 Message: 608

I hope that's just a typo on 80 meters it's still in region 1. Shouldn't that be 3.5 to 4.0 MHz?

Gary, KF9CM

--- In X1M_QRP-Transceiver@yahoogroups.com, X1M_QRP-Transceiver@yahoogroups.com wrote:
>
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the X1M_QRP-Transceiver
> group.
>
> File : /Manuals/X1M Platinum Edition Quick Start Guide first release V1.pdf
> Uploaded by : pezcat19 <pezcat19@...>
> Description : X1M Platinum Edition Quick Start Guide first release V1.pdf
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/X1M%20Platinum%20Edition%20Quick%20Start%20Guide%20first%20release%20V1.pdf
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
> Regards,
>
> pezcat19 <pezcat19@...>
>

609. RE: [X1M_QRP-Transceiver] Re: New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-21 14:05:57 UTC
From: Lee
Topic: 11 Message: 609

It should be.

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kf9cm
Sent: Sunday, July 21, 2013 8:52 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: New file uploaded to X1M_QRP-Transceiver

I hope that's just a typo on 80 meters it's still in region 1. Shouldn't
that be 3.5 to 4.0 MHz?

Gary, KF9CM

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> ,
X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> wrote:
>
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the X1M_QRP-Transceiver
> group.
>
> File : /Manuals/X1M Platinum Edition Quick Start Guide first release
V1.pdf
> Uploaded by : pezcat19 <pezcat19@...>
> Description : X1M Platinum Edition Quick Start Guide first release V1.pdf
>
> You can access this file at the URL:
>
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/X1M%20Platin
um%20Edition%20Quick%20Start%20Guide%20first%20release%20V1.pdf
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
> Regards,
>
> pezcat19 <pezcat19@...>
>

610. Re: Waiting for the X1M Platinum.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-22 09:08:56 UTC
From: Andy
Topic: 598 Message: 610

Got the reply from Wimo. We won´t get the platinum edition in Europe. All rigs delivered to our region have to be CE certified. To avoid this issue Wimo will get a nearly complete assembled radio. You will only have to mount the pcb into the case, put the knobs etc...
Unfortunately the X1M Platinum is only available as ready-to-use rig.
So, no X1M Platinum for us :-(

73 Andy DC3AFA

--- In X1M_QRP-Transceiver@yahoogroups.com, "Andy" <andreas.fuehrmann@...> wrote:
>
> Very interesting! Have asked Wimo in Germany, too. Hopefully they will get this version, too.

611. Re: Waiting for the X1M Platinum.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-22 15:17:59 UTC
From: Neil Goldstein
Topic: 598 Message: 611

" To avoid this issue Wimo will get a nearly complete assembled radio. You will only have to mount the pcb into the case, put the knobs etc..."

Be careful with that. Originally the kit version that was offered with the first model here in the states was speculated as being an easy-assembly (KX3 Style) kit. I received a kit that had only the SMT parts completed, with a bag of thru-hole parts, boards, connectors, and no instructions for assembly or a schematic. Dale at Kight Radio exchanged it for an assembled one.

--
Neil Goldstein W2NDG
http://www.neilgoldstein.com

612. Re: Waiting for the X1M Platinum.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-22 15:25:13 UTC
From: Andy
Topic: 598 Message: 612

I had a look on this "pseudo"-kit. It is exactly as the website shows.
It is kind of Lego playing ;-)

73 Andy DC3AFA

--- In X1M_QRP-Transceiver@yahoogroups.com, Neil Goldstein <neilgoldstein@...> wrote:
>
> " To avoid this issue Wimo will get a nearly complete assembled radio. You
> will only have to mount the pcb into the case, put the knobs etc..."
>
> Be careful with that. Originally the kit version that was offered with the
> first model here in the states was speculated as being an easy-assembly
> (KX3 Style) kit. I received a kit that had only the SMT parts completed,
> with a bag of thru-hole parts, boards, connectors, and no instructions for
> assembly or a schematic. Dale at Kight Radio exchanged it for an assembled
> one.
>
> --
> Neil Goldstein W2NDG
> http://www.neilgoldstein.com
>

613. Re: Microphone wiring

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-23 04:37:37 UTC
From: Bruce
Topic: 591 Message: 613

I've dug a little deeper and am still having no success. Here's what I know so far:

Opening the stock mike and using an ohmmeter, I see that ring goes to the PTT switch and tip goes to the mike cartridge. (The other side of both the switch and the mike cartridge are tied to sleeve (ground). At the radio, when PTT is grounded (active), tip goes from open circuit to about +7 volts (relative to sleeve ground). I assume this is the bias voltage needed to power the electret cartrige in the stock mike. However, hooking a different electret cartridge (from a pc headset) across tip and sleeve (yes, I got the polarity correct!) and grounding ring (PTT) does not give me any audio. What am I missing?

--- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@...> wrote:
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce" <ko4xl@> wrote:
> >
> > A few folks here have mentioned replacing the stock mic. Can someone post the connector pinout? I tried opening the back of the mic but there are more than 3 wires in the cable!
> >
>
> These are "re-purposed" speaker mics, such as are used on the Chinese HTs. The 4th wire is connected to the un-used headphone jack. Sleeve is ground, of course. Use your ohm meter to see which give a closure to ground when the PTT button is activated. The other will be the microphone line.
>
> I think this issue was discussed when people were having problems with the QC on the soldering in the microphone plug. Search the messages for that issue.
>
> 73 /paul W3FIS
>

614. Review from Fred, VE3FAL

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-23 19:33:46 UTC
From: Andy
Topic: 614 Message: 614

Just found the review on
http://www.amateurradio.com/x1m-hf-transceiver-review-and-testing/

73 Andy DC3AFA

615. Re: Microphone wiring

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-24 16:18:08 UTC
From: ko4xl
Topic: 591 Message: 615

OK, so last night I bit the bullet and completely traced the circuitry inside the stock mic. The only additional components are:

- A .01uf disc cap across the mic cartridge. I assume this is just there for RF bypass and high frequency rolloff. It shouldn't be required for the mic to function, right?
- A 4k7 resistor in series with an LED between tip and ring. This is obviously the transmit light on the front of the mic.

There are a few other items related to the disabled speaker in the stock mic. For the X1M, none of these are ever in-circuit.

After looking at all this, the only conclusion I can reach is that the stock mic cartridge has much higher output than a PC headset mic. Before I go hunting for a mic preamp, could somebody please prove me wrong?

73 de KO4XL Bruce

--- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce" <ko4xl@...> wrote:
>
> I've dug a little deeper and am still having no success. Here's what I know so far:
>
> Opening the stock mike and using an ohmmeter, I see that ring goes to the PTT switch and tip goes to the mike cartridge. (The other side of both the switch and the mike cartridge are tied to sleeve (ground). At the radio, when PTT is grounded (active), tip goes from open circuit to about +7 volts (relative to sleeve ground). I assume this is the bias voltage needed to power the electret cartrige in the stock mike. However, hooking a different electret cartridge (from a pc headset) across tip and sleeve (yes, I got the polarity correct!) and grounding ring (PTT) does not give me any audio. What am I missing?
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@> wrote:
> >
> >
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce" <ko4xl@> wrote:
> > >
> > > A few folks here have mentioned replacing the stock mic. Can someone post the connector pinout? I tried opening the back of the mic but there are more than 3 wires in the cable!
> > >
> >
> > These are "re-purposed" speaker mics, such as are used on the Chinese HTs. The 4th wire is connected to the un-used headphone jack. Sleeve is ground, of course. Use your ohm meter to see which give a closure to ground when the PTT button is activated. The other will be the microphone line.

> >
> > I think this issue was discussed when people were having problems with the QC on the soldering in the microphone plug. Search the messages for that issue.
> >
> > 73 /paul W3FIS
> >
>

616. X1M First Radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-25 01:13:00 UTC
From: Fred VE3FAL
Topic: 616 Message: 616
Attachments: 2 described; binary payloads are missing from this source WARC

Here is a picture gang that I found in my emails when I tested the radio in August 2012, I did not realize I had all the testing in my sent items box along with pictures..

As you can see the Ver II has come quite a way in looks and the Platinum with new display will be even more better looking.

X1M TCVR 005 (3).JPG

Fred

VE3FAL

617. Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-25 02:11:05 UTC
From: Lee - N9LO
Topic: 617 Message: 617

I do not know why it looks so strange to me but does anybody have any idea why the knobs are so different from each other? They are not even close. Now I know why I bought those different sizes of matching knobs from eBay.

Lee - N9LO

618. RE: [X1M_QRP-Transceiver] Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-25 02:25:05 UTC
From: Rick Pemble
Topic: 617 Message: 618

Anybody make an interface cable from the x1m to USB - computer? From the schematics it looks like a ttl interface which should match up nicely to a chip.

Would love to see some.

Rick - w4rp

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee - N9LO
Sent: Wednesday, July 24, 2013 22:11
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Knobs

I do not know why it looks so strange to me but does anybody have any idea why the knobs are so different from each other? They are not even close. Now I know why I bought those different sizes of matching knobs from eBay.

Lee - N9LO

619. RE: [X1M_QRP-Transceiver] Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-25 04:23:25 UTC
From: Lee
Topic: 617 Message: 619

I ordered one from ebay for $3.38. Search for USB to RS232 Serial 9 Pin RS-232 DB9 Cable Cord Adapter

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Rick Pemble
Sent: Wednesday, July 24, 2013 9:25 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] Knobs

Anybody make an interface cable from the x1m to USB - computer? From the schematics it looks like a ttl interface which should match up nicely to a chip.

Would love to see some.

Rick - w4rp

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee - N9LO
Sent: Wednesday, July 24, 2013 22:11
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Knobs

I do not know why it looks so strange to me but does anybody have any idea why the knobs are so different from each other? They are not even close. Now I know why I bought those different sizes of matching knobs from eBay.

Lee - N9LO

620. Re: X1M First Radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-25 05:43:36 UTC
From: Andy
Topic: 616 Message: 620

Can you please post the picture in the photos section?
I can see

Attachment
X1M TCVR 005.jpg
Type:
image/jpeg

Thanks!

73 Andy DC3AFA

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Here is a picture gang that I found in my emails when I tested the radio in
> August 2012, I did not realize I had all the testing in my sent items box
> along with pictures..
>
> As you can see the Ver II has come quite a way in looks and the Platinum
> with new display will be even more better looking.
>
>
>
> X1M TCVR 005 (3).JPG
>
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>
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>
>
> Fred
>
> VE3FAL
>

621. RE: [X1M_QRP-Transceiver] Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-25 04:27:28 UTC
From: Rick Pemble
Topic: 617 Message: 621

Question: RS-232 defines mark/space or 1/0 as -3 to -15 volts and +3 to +15 volts

And the schematic shows TTL levels: 0 = 0volts 1 = 5 volts.

You plugged in the rs232 cable and it worked?

Rick

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
Sent: Thursday, July 25, 2013 00:23
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] Knobs

I ordered one from ebay for $3.38. Search for USB to RS232 Serial 9 Pin RS-232 DB9 Cable Cord Adapter

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver@yahoogroups.com> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Rick Pemble
Sent: Wednesday, July 24, 2013 9:25 PM
To: X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver@yahoogroups.com>
Subject: RE: [X1M_QRP-Transceiver] Knobs

Anybody make an interface cable from the x1m to USB - computer? From the schematics it looks like a ttl interface which should match up nicely to a chip.

Would love to see some.

Rick - w4rp

From: X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver@yahoogroups.com> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee - N9LO
Sent: Wednesday, July 24, 2013 22:11
To: X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver@yahoogroups.com>
Subject: [X1M_QRP-Transceiver] Knobs

I do not know why it looks so strange to me but does anybody have any idea why the knobs are so different from each other? They are not even close. Now I know why I bought those different sizes of matching knobs from eBay.

Lee - N9LO

622. Re: Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-25 13:21:01 UTC
From: ballardian36
Topic: 617 Message: 622

Hi Rick,

I did successfully make a cable. I posted all the details awhile back I'll find the post and link it. In short it is TTL level but the pin outs are the same as standard rs-232 -- re -- the TX, RX, and ground pin assignment are the same location on the db9. I used a $2.xx bare USB adaptor off ebay with wires going directly to the db9. I recently ordered a nicer version of that and a db9 connector to permanently mount it to.

I ordered and received:
1 -
http://www.ebay.com/itm/130922178716?ssPageName=STRK:MEWNX:IT&_trksid=p3984.m1439.l2649
1 -
http://www.ebay.com/itm/271211061815?ssPageName=STRK:MEWNX:IT&_trksid=p3984.m1439.l2649

With the intention of snapping them together, adding some heat shrink and being done with it. Originally I used:

http://www.ebay.com/itm/1pcs-USB-2-0-to-TTL-UART-6PIN-Module-Serial-Converter-CP2102-STC-PRGMR-/251039347548

Something like that. I think my original post was under something lke HRD Working! I'll look for it and link it for you.

-Chris
KC8MUS

--- In X1M_QRP-Transceiver@yahoogroups.com, "Rick Pemble" <rick@...> wrote:
>
> Question: RS-232 defines mark/space or 1/0 as -3 to -15 volts and +3
> to +15 volts
>
> And the schematic shows TTL levels: 0 = 0volts 1 = 5 volts.
>
>
>
> You plugged in the rs232 cable and it worked?
>
>
>
> Rick
>
>
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee

> Sent: Thursday, July 25, 2013 00:23
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: RE: [X1M_QRP-Transceiver] Knobs
>
>
>
>
>
> I ordered one from ebay for $3.38. Search for USB to RS232 Serial 9 Pin
> RS-232 DB9 Cable Cord Adapter
>
>
>
> Lee - N9LO
>
>
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Rick Pemble
> Sent: Wednesday, July 24, 2013 9:25 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> Subject: RE: [X1M_QRP-Transceiver] Knobs
>
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>
>
> Anybody make an interface cable from the x1m to USB - computer? From the
> schematics it looks like a ttl interface which should match up nicely to a
> chip.
>
> Would love to see some.
>
>
>
> Rick - w4rp
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
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> Sent: Wednesday, July 24, 2013 22:11
> To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> Subject: [X1M_QRP-Transceiver] Knobs

>
>
>
>
>
> I do not know why it looks so strange to me but does anybody have any idea
> why the knobs are so different from each other? They are not even close. Now
> I know why I bought those different sizes of matching knobs from eBay.
>
> Lee - N9LO
>

623. Re: Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-25 13:22:38 UTC
From: ballardian36
Topic: 617 Message: 623

Here it is Rick --

http://groups.yahoo.com/group/X1M_QRP-Transceiver/message/430

It has more details about the pinout, etc.

-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, "Rick Pemble" <rick@...> wrote:
>
> Question: RS-232 defines mark/space or 1/0 as -3 to -15 volts and +3
> to +15 volts
>
> And the schematic shows TTL levels: 0 = 0volts 1 = 5 volts.
>
>
>
> You plugged in the rs232 cable and it worked?
>
>
>
> Rick
>
>
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
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> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: RE: [X1M_QRP-Transceiver] Knobs
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> Lee - N9LO
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>
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> From: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Rick Pemble
> Sent: Wednesday, July 24, 2013 9:25 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> Subject: RE: [X1M_QRP-Transceiver] Knobs
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>
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>
> Anybody make an interface cable from the x1m to USB - computer? From the
> schematics it looks like a ttl interface which should match up nicely to a
> chip.
>
> Would love to see some.
>
>
>
> Rick - w4rp
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee - N9LO
> Sent: Wednesday, July 24, 2013 22:11
> To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> Subject: [X1M_QRP-Transceiver] Knobs
>
>
>
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>
> I do not know why it looks so strange to me but does anybody have any idea
> why the knobs are so different from each other? They are not even close. Now
> I know why I bought those different sizes of matching knobs from eBay.
>
> Lee - N9LO
>

625. (no subject)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-25 13:49:06 UTC
From: <mnv73@...>
Topic: 625 Message: 625

-- Sent from my HP TouchPad

626. RE: [X1M_QRP-Transceiver] Re: Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-25 13:58:11 UTC
From: Rick Pemble
Topic: 617 Message: 626

Thanks - perfect!

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ballardian36
Sent: Thursday, July 25, 2013 09:21
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Knobs

Hi Rick,

I did successfully make a cable. I posted all the details awhile back I'll find the post and link it. In short it is TTL level but the pin outs are the same as standard rs-232 -- re -- the TX, RX, and ground pin assignment are the same location on the db9. I used a $2.xx bare USB adaptor off ebay with wires going directly to the db9. I recently ordered a nicer version of that and a db9 connector to permanently mount it to.

I ordered and received:
1 - http://www.ebay.com/itm/130922178716?ssPageName=STRK:MEWNX:IT
<http://www.ebay.com/itm/130922178716?ssPageName=STRK:MEWNX:IT&_trksid=p3984.m1439.l2649> &_trksid=p3984.m1439.l2649
1 - http://www.ebay.com/itm/271211061815?ssPageName=STRK:MEWNX:IT
<http://www.ebay.com/itm/271211061815?ssPageName=STRK:MEWNX:IT&_trksid=p3984.m1439.l2649> &_trksid=p3984.m1439.l2649

With the intention of snapping them together, adding some heat shrink and being done with it. Originally I used:

http://www.ebay.com/itm/1pcs-USB-2-0-to-TTL-UART-6PIN-Module-Serial-Converter-CP2102-STC-PRGMR-/251039347548

Something like that. I think my original post was under something lke HRD Working! I'll look for it and link it for you.

-Chris
KC8MUS

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Rick Pemble" <rick@...
<mailto:rick@...> > wrote:
>
> Question: RS-232 defines mark/space or 1/0 as -3 to -15 volts and +3
> to +15 volts
>
> And the schematic shows TTL levels: 0 = 0volts 1 = 5 volts.
>
>

>
> You plugged in the rs232 cable and it worked?
>
>
>
> Rick
>
>
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of Lee
> Sent: Thursday, July 25, 2013 00:23
> To: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> Subject: RE: [X1M_QRP-Transceiver] Knobs
>
>
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>
> I ordered one from ebay for $3.38. Search for USB to RS232 Serial 9 Pin
> RS-232 DB9 Cable Cord Adapter
>
>
>
> Lee - N9LO
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> From: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> <mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> >
> [mailto:X1M_QRP-Transceiver@yahoogroups.com
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> Subject: RE: [X1M_QRP-Transceiver] Knobs
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> Rick - w4rp
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> From: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
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<mailto:X1M_QRP-Transceiver%40yahoogroups.com> >
> [mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of Lee - N9LO
> Sent: Wednesday, July 24, 2013 22:11
> To: X1M_QRP-Transceiver@yahoogroups.com
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<mailto:X1M_QRP-Transceiver%40yahoogroups.com> >
> Subject: [X1M_QRP-Transceiver] Knobs
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> I do not know why it looks so strange to me but does anybody have any idea
> why the knobs are so different from each other? They are not even close.
Now
> I know why I bought those different sizes of matching knobs from eBay.
>
> Lee - N9LO
>

627. RE: [X1M_QRP-Transceiver] Re: Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-25 14:00:06 UTC
From: Rick Pemble
Topic: 617 Message: 627

Super! Thanks for the info

Rick

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of gordymurrieta
Sent: Thursday, July 25, 2013 09:35
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Knobs

I have not connected to HRD or PC yet, but I followed this thread,
http://groups.yahoo.com/group/X1M_QRP-Transceiver/message/430?l=1

Bought the cheap USB to RS232 module,
http://www.ebay.com/itm/330616868559?ssPageName=STRK:MEWNX:IT
<http://www.ebay.com/itm/330616868559?ssPageName=STRK:MEWNX:IT&_trksid=p3984
.m1439.l2649> &_trksid=p3984.m1439.l2649

and a male db9 to male db9 cable. That is the reconfigurable way to go but
sure, a ready made cable that worked would be better.

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Rick Pemble" <rick@...
<mailto:rick@...> > wrote:
>
> Question: RS-232 defines mark/space or 1/0 as -3 to -15 volts and +3
> to +15 volts
>
> And the schematic shows TTL levels: 0 = 0volts 1 = 5 volts.
>
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>
> You plugged in the rs232 cable and it worked?
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> Rick
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> From: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of Lee

> Sent: Thursday, July 25, 2013 00:23
> To: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> Subject: RE: [X1M_QRP-Transceiver] Knobs
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> I ordered one from ebay for $3.38. Search for USB to RS232 Serial 9 Pin
> RS-232 DB9 Cable Cord Adapter
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> Lee - N9LO
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> From: X1M_QRP-Transceiver@yahoogroups.com
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> Subject: RE: [X1M_QRP-Transceiver] Knobs
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> Anybody make an interface cable from the x1m to USB - computer? From the
> schematics it looks like a ttl interface which should match up nicely to a
> chip.
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> Would love to see some.
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>
> Rick - w4rp
>
>
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> From: X1M_QRP-Transceiver@yahoogroups.com

<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> <mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> >
> [mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of Lee - N9LO
> Sent: Wednesday, July 24, 2013 22:11
> To: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> <mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> >
> Subject: [X1M_QRP-Transceiver] Knobs
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> I do not know why it looks so strange to me but does anybody have any idea
> why the knobs are so different from each other? They are not even close.
Now
> I know why I bought those different sizes of matching knobs from eBay.
>
> Lee - N9LO
>

628. RE: [X1M_QRP-Transceiver] Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-25 14:34:36 UTC
From: Lee
Topic: 617 Message: 628

I'm waiting for the radio and adapter to get here. By the looks at the next messages I ordered the wrong thing. So the one I ordered will go in to my spare parts box. I saw the connector and guessed it was the same as another radio I had, the Ten Tec Pegasus.

Lee - N9LO

Sent from my windows PC, a real computer.

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Rick Pemble
Sent: Wednesday, July 24, 2013 11:27 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] Knobs

Question: RS-232 defines mark/space or 1/0 as -3 to -15 volts and +3 to +15 volts

And the schematic shows TTL levels: 0 = 0volts 1 = 5 volts.

You plugged in the rs232 cable and it worked?

Rick

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
Sent: Thursday, July 25, 2013 00:23
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] Knobs

I ordered one from ebay for $3.38. Search for USB to RS232 Serial 9 Pin RS-232 DB9 Cable Cord Adapter

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Rick Pemble
Sent: Wednesday, July 24, 2013 9:25 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] Knobs

Anybody make an interface cable from the x1m to USB - computer? From the schematics it looks like a ttl interface which should match up nicely to a chip.

Would love to see some.

Rick - w4rp

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee - N9LO
Sent: Wednesday, July 24, 2013 22:11
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Knobs

I do not know why it looks so strange to me but does anybody have any idea why the knobs are so different from each other? They are not even close. Now I know why I bought those different sizes of matching knobs from eBay.

Lee - N9LO

629. Delivery

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-25 22:32:59 UTC
From: W3FIS
Topic: 629 Message: 629

Well, here we are at July 24. Any word or information on the delivery of the "Platinum" order?

Inquiring minds want to know... <grin>

73 /paul W3FIS

630. Re: Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-25 21:49:02 UTC
From: David Harvey
Topic: 617 Message: 630

Hi Guys,

Be very wary of postage charges when checking items on FleaBay.

I did a search for "USB to RS232 Serial 9 Pin RS-232 DB9 Cable Cord Adapter" and listed the results sorted by PRICE PLUS POSTAGE.

The most expensive was US$5.42 PLUS US$48.88 POSTAGE, and was listed from the USA -- While the cheapest was US$1.00, postage included, sent from Hong Kong.

Don't get caught out by ripoff "postage and handling" charges.

Cheers,

David Harvey, VK2DMH
SKCC #10617, FP #3184, NAQCC #6734

631. RE: [X1M_QRP-Transceiver] Delivery

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-25 22:55:13 UTC
From: Fred VE3FAL
Topic: 629 Message: 631

Shipment from China to the USA was to take place between the 22nd-26th of July, then Ed would have to ship out from that point to those on the first waiting list.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of W3FIS
Sent: July 25, 2013 6:33 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Delivery

Well, here we are at July 24. Any word or information on the delivery of the "Platinum" order?

Inquiring minds want to know... <grin>

73 /paul W3FIS

632. Re: Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-26 05:21:30 UTC
From: radiotronicgizmo
Topic: 617 Message: 632

I don't have the radio - BUT the schematics clearly show the I/O pins are xmit/receive data are TTL level with current limiting resisters --- IF YOU PLUG IN A RS232 INTERFACE (the RS232 interface definition is a voltage definition of -3 to -15 volts for a 1 and +3 to +15 volts for a zero) it will kill your radio. unless the current limiters prevent it -- but i would not chance it. you need a 0volt to 5 volt interface. I say kill your radio,because the radio IS mostly done by the CPU - and the DB9 pinouts go directly to the CPU (with the current limiting resistors).

here is a ebay search term one of you posted that i also used - there are several of these - varying lengths of cable, etc.

1m PL2303HX Download Cable USB To COM USB to TTL Converter Cable

DON'T use an RS232 one! you may get lucky but why take the chance of destroying the radio with a $3.28 cable?

just saying...

cheers

--- In X1M_QRP-Transceiver@yahoogroups.com, David Harvey <gedanate@...> wrote:
>
> Hi Guys,
>
> Be very wary of postage charges when checking items on FleaBay.
>
> I did a search for "USB to RS232 Serial 9 Pin RS-232 DB9 Cable Cord Adapter" and listed the results sorted by PRICE PLUS POSTAGE.
>
> The most expensive was US$5.42 PLUS US$48.88 POSTAGE, and was listed from the USA -- While the cheapest was US$1.00, postage included, sent from Hong Kong.
>
> Don't get caught out by ripoff "postage and handling" charges.
>
> Cheers,
>
> David Harvey, VK2DMH
> SKCC #10617, FP #3184, NAQCC #6734
>

633. X1M Cat Commands. RX / TX?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-26 14:00:20 UTC
From: pezcat19
Topic: 633 Message: 633

Hi all,

I am eagerly awaiting my X1M Platinum Edition to arrive, and thought I would have a look into the supported Icom CAT commands. This has led me to a question....

Does anyone know if the X1M can be made to TX/RX via CAT?

I had an IC-718 once, and the BIGGEST problem I had was the fact that most early Icom CAT radios (including the IC-718) do NOT support TX/RX switching via CAT! This is a real PITA.

I really hope they have implemented more than just the 718 command set, as it is limited in this regard (and for example, it makes fully IP remote operation of the rig more complex than it needs to be...)

73

Perrin VK3XPT

634. X1M PRO (Platinum) avaliable www.yeticomnz.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-28 04:05:31 UTC
From: nz_ssl100_nz
Topic: 634 Message: 634

hi all i have X1M PRO (Platinum) available $300usd+shipping
in stock and ready to export
not yet listed on our site but can be contacted at http://wwww.yeticomnz.com
mike

635. Re: [X1M_QRP-Transceiver] X1M PRO (Platinum) avaliable www.yeticomnz.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-28 04:28:45 UTC
From: Brandon 'Gordo' Gordon
Topic: 634 Message: 635

how dear would the shipping be to QLD Australia

Regards
VK4FABB

From: nz_ssl100_nz <nz_ssl100_nz@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, 28 July 2013 2:05 PM
Subject: [X1M_QRP-Transceiver] X1M PRO (Platinum) avaliable www.yeticomnz.com

hi all i have X1M PRO (Platinum) available $300usd+shipping
in stock and ready to export
not yet listed on our site but can be contacted at http://wwww.yeticomnz.com
mike

636. Re: X1M PRO (Platinum) avaliable www.yeticomnz.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-28 07:18:26 UTC
From: pezcat19
Topic: 634 Message: 636

Hi Mike.

This is great news for us in VK and ZL! (I have purchased some equipment from you and Dave in the past, and I was very pleased with your service :)

Can you share any pictures and information on the production units with us here in the group? We are all very short on details at this stage. This would probably encourage some new orders too!

73,

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "nz_ssl100_nz" <nz_ssl100_nz@...> wrote:
>
> hi all i have X1M PRO (Platinum) available $300usd+shipping
> in stock and ready to export
> not yet listed on our site but can be contacted at http://wwww.yeticomnz.com
> mike
>

637. PLATINUM

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-28 13:12:05 UTC
From: POB
Topic: 637 Message: 637

I noticed they are shipping or expecting the above model very soon..great.
What is the warranty on these?, one web page sells them, no mention of warranty, and kight says 6 months, but you can get an extended warranty for two years for a low minimal price......

So does anyone know the scoop..
POB/K8LEN

638. You (or any other ham) may already have been noticed!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-29 17:05:09 UTC
From: Arvo Rantinen
Topic: 638 Message: 638

Gang,

So I'm an idiot, go lookin' for QRP transceiver on eBay. Came up with the usual and then . . . I saw this:

http://www.ebay.com/itm/Youkits-EK1B-3-Band-HF-CW-QRP-transceiver-assembled-Morse-code-20m-17m-15m-Band-/271244485581?pt=US_Ham_Radio_Transceivers&hash=item3f276e63cd

I looked at the box, at the pictures of the innards, all that, and thought "Will this madness never end?"

Something gives me the feeling that it's too good to be true (he said, having fallen for that bit maybe 12 brazillian times over the past six decades and some).

Or is it just me sees only one of what might be the LPF on the board of a three band radio?

3s

Nils
W8IJN

639. Re: [X1M_QRP-Transceiver] You (or any other ham) may already have been noticed!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-29 17:36:08 UTC
From: M_AND_R_SHAREF
Topic: 638 Message: 639

You only need one high pass filter on this type of QRP radio. The 2nd harmonic of 14 Mhz is 28 Mhz so one high pass filter at about 23 Mhz is all you need. I hope. Mark/WQ8S

On Mon, Jul 29, 2013 at 1:05 PM, Arvo Rantinen <nilsyoung@...> wrote:

> **
>
>
> Gang,
>
> So I'm an idiot, go lookin' for QRP transceiver on eBay. Came up with the
> usual and then . . . I saw this:
>
>
> http://www.ebay.com/itm/Youkits-EK1B-3-Band-HF-CW-QRP-transceiver-assembled-Morse-code-20m-17m-15m-Band-/271244485581?pt=US_Ham_Radio_Transceivers&hash=item3f276e63cd
>
> I looked at the box, at the pictures of the innards, all that, and thought
> "Will this madness never end?"
>
> Something gives me the feeling that it's too good to be true (he said,
> having fallen for that bit maybe 12 brazillian times over the past six
> decades and some).
>
> Or is it just me sees only one of what might be the LPF on the board of a
> three band radio?
>
> 3s
>
> Nils
> W8IJN
>
>
>

640. Re: Waiting for the X1M Platinum.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-29 17:37:44 UTC
From: Scott
Topic: 598 Message: 640

I'm still waiting for mine. Sigh. Has any started shipping yet?

641. New video of the X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-30 11:02:44 UTC
From: ve2pdt
Topic: 641 Message: 641

Hi all,

Ordered the radio from Ed a few weeks back, been lurking here since then. Looking forward to getting and sharing what we find out about this cool new toy.

Last night I found a new video from VK3TWO, I think he imports them into VK-land.. Nice to see the buttons being pushed and settings played with

http://youtu.be/je54LhIf3Zg

He's also put one up where he compares the size with a FT-817..

looks like we're going to have lots of fun with these!

73 de VE2PDT
Bob

642. Re: [X1M_QRP-Transceiver] New video of the X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-30 11:27:10 UTC
From: VE3FAL-Fred
Topic: 641 Message: 642

Yes we should see some here in North America anytime now, Ed was just awaiting a shipment from factory.
I really like the new display and menus on the Platinum.
Have fun folks with your new rig when it gets to your location.

I am waiting to review this little gem as well..

Fred
VE3FAL

On Tue, 30 Jul 2013 11:02:44 -0000
"ve2pdt" wrote:
Hi all,

Ordered the radio from Ed a few weeks back, been lurking here since then.
Looking forward to getting and sharing what we find out about this cool new toy.

Last night I found a new video from VK3TWO, I think he imports them into VK-land.. Nice to see the buttons being pushed and settings played with

http://youtu.be/je54LhIf3Zg

He's also put one up where he compares the size with a FT-817..

looks like we're going to have lots of fun with these!

73 de VE2PDT
Bob

643. Re: New video of the X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-30 13:31:40 UTC
From: Paul W. Ross
Topic: 641 Message: 643

Drool.............

73 /paul W3FIS

644. Re: Waiting for the X1M Platinum.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-30 16:25:18 UTC
From: W3FIS
Topic: 598 Message: 644

Mail from Ed this morning. Looks like China should ship shortly. Good news for us waiting for the radio!

73 /paul W3FIS

645. Re: New video of the X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-07-31 07:20:34 UTC
From: Rob
Topic: 641 Message: 645

Price isn't too bad Introductry Price of $350AUD but I wouldn't even consider it at his RRP of $499AUD

The TaoBao price worked out at about $220AUD but now they wont send out of China, plus you had to navigate the site using Google Translate to get around all the Chinese characters. I managed to register (hard) but didn't go thru with the order, so I've missed out there.

I might have to consider the $350AUD, but at the moment I'm still not sure with reports of low power out on the X1M. I don't expect much warranty support, but Spooktech would need to follow Australian Law, so I wish him all the best.

Rob L.
NSW Australia.

--- In X1M_QRP-Transceiver@yahoogroups.com, "ve2pdt" <bobgoyetche@...> wrote:
>
> Hi all,
>
> Ordered the radio from Ed a few weeks back, been lurking here since then. Looking forward to getting and sharing what we find out about this cool new toy.
>
> Last night I found a new video from VK3TWO, I think he imports them into VK-land.. Nice to see the buttons being pushed and settings played with
>
> http://youtu.be/je54LhIf3Zg
>
> He's also put one up where he compares the size with a FT-817..
>
> looks like we're going to have lots of fun with these!
>
> 73 de VE2PDT
> Bob
>

646. Antenna Tuner to compliment X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-01 11:36:31 UTC
From: vk3jo_john
Topic: 646 Message: 646

Hi All, enjoying the posts on this new Radio.

Considering the purchase of the X1M Platinum to operate with
a Multi Band HF Whip. However it is likely an antenna tuner would be
required.

Any suggestions on a small (non auto - considering price) Antenna Tuner
to suit this very small radio.

73

John VK3JO

647. Re: Antenna Tuner to compliment X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-01 11:50:57 UTC
From: Neil Goldstein
Topic: 646 Message: 647

The Emtech ZM2 is great with the X1M. Available in kit form or assembled.

http://emtech.steadynet.com/zm2.shtml

648. Re: [X1M_QRP-Transceiver] Re: Antenna Tuner to compliment X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-01 11:58:36 UTC
From: VE3FAL-Fred
Topic: 646 Message: 648

I was just going to send the same email and suggestion as Neil on the ZM2, fantastic little tuner...

Fred
VE3FAL

On Thu, 1 Aug 2013 07:50:57 -0400
Neil Goldstein wrote:
The Emtech ZM2 is great with the X1M. Available in kit form or assembled.

http://emtech.steadynet.com/zm2.shtml

649. Re: Antenna Tuner to compliment X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-01 12:06:53 UTC
From: pezcat19
Topic: 646 Message: 649

Hi John,

I occasionally use a "Miracle Antenna" on my FT817, and while it is a compromise antenna, I find it works surprisingly well when used with a 10m (30ft) counterpoise wire. I have worked every state in VK, ZL and even Japan with the antenna, while operating portable on battery power. It very easy and FAST to use - and because of this I find it fun to use. You can also remove the whip and tune wire antennas with this unit:

The original MW can be hard to obtain, however a Chinese company is making a copied version now, and the price seems reasonable: http://www.ebay.com.au/itm/Portable-QRP-All-Band-Antenna-with-detachable-whip-for-HF-UHF-VHF-Ham-Radio-/221262011908

An X1M with the SO239 connector will work best with these antennas.

At the other end of the antenna scale, I also use an Elecraft T1 ATU to tune random wire antennas. This performs very well but is much more expensive than a Miracle Whip style antenna...

Another option to look at would be some half wave end fed antennas, or a magnetic loop, or a dipole, or an ATX walkabout etc.... The list goes on, so it all depends on what you plan to do with your X1M.

I hope that helps!

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "vk3jo_john" <johnwalters@...> wrote:
>
> Hi All, enjoying the posts on this new Radio.
>
> Considering the purchase of the X1M Platinum to operate with
> a Multi Band HF Whip. However it is likely an antenna tuner would be
> required.
>
> Any suggestions on a small (non auto - considering price) Antenna Tuner
> to suit this very small radio.
>
> 73
>
> John VK3JO
>

650. Re: Antenna Tuner to compliment X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-01 13:09:41 UTC
From: Paul W. Ross
Topic: 646 Message: 650

Well, the smallest in my stable is the QRPKits SOTA tuner which has a built in SWR absorptive bridge. When weight is a consideration, this seems to be the best bet.

Otherwise, the MFJ-902 series -- you will either need the version with an SWR meter, or get a <gasp> "CB" type SWR meter.

As to ATUs, if you want to consider them the LDG Z817 is what I use for field work with my FT-817ND and QRP rigs sometimes. The LDG is designed for use with the FT=817ND, but works fine in "manual" tune mode.

73 /paul W3FIS

651. Re: Antenna Tuner to compliment X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-01 15:49:36 UTC
From: ChristopherG
Topic: 646 Message: 651

If your going to use an End-Fed-Half-Wave, KI6J's EFHW tuner is your best bet for portable ops.
That can be found on BetterQRP.com

K6CMG

--- In X1M_QRP-Transceiver@yahoogroups.com, "vk3jo_john" <johnwalters@...> wrote:
>
> Hi All, enjoying the posts on this new Radio.
>
> Considering the purchase of the X1M Platinum to operate with
> a Multi Band HF Whip. However it is likely an antenna tuner would be
> required.
>
> Any suggestions on a small (non auto - considering price) Antenna Tuner
> to suit this very small radio.
>
> 73
>
> John VK3JO
>

652. Re: [X1M_QRP-Transceiver] Re: Antenna Tuner to compliment X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-01 16:33:48 UTC
From: Jimithy66
Topic: 646 Message: 652

Google AA5TB and read about endfed antennas.

Some friends like the small Elecraft auto tuner.

I use a Z-match tuner in the field and a Home Brew
parallel tuner at home.

Jim / W1FMR

On Thu, Aug 1, 2013 at 11:49 AM, ChristopherG <cgoodman1980@...>wrote:

> **
>
>
> If your going to use an End-Fed-Half-Wave, KI6J's EFHW tuner is your best
> bet for portable ops.
> That can be found on BetterQRP.com
>
> K6CMG
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "vk3jo_john" <johnwalters@...>
> wrote:
> >
> > Hi All, enjoying the posts on this new Radio.
> >
> > Considering the purchase of the X1M Platinum to operate with
> > a Multi Band HF Whip. However it is likely an antenna tuner would be
> > required.
> >
> > Any suggestions on a small (non auto - considering price) Antenna Tuner
> > to suit this very small radio.
> >
> > 73
> >
> > John VK3JO
> >
>
>
>

653. Re: Antenna Tuner to compliment X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-01 16:59:52 UTC
From: ve2pdt
Topic: 646 Message: 653

thanks for the link, hadn't heard of that one - i like the flexibility.. I was also looking into the MFJ QRpocket tuner, but this seems like a more versatile unit..

now to wait and be sure which antenna connector we'll get on the X1M....

--- In X1M_QRP-Transceiver@yahoogroups.com, Neil Goldstein <neilgoldstein@...> wrote:
>
> The Emtech ZM2 is great with the X1M. Available in kit form or assembled.
>
> http://emtech.steadynet.com/zm2.shtml
>

654. RE: [X1M_QRP-Transceiver] Re: Antenna Tuner to compliment X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-01 17:12:52 UTC
From: Lee
Topic: 646 Message: 654

I just bought a used LDG Z-11 Pro automatic tuner for $100 on eBay. I also ordered a HF Pack Amp Kit for the days where you need just a little more and a couple of 6800mah 12 volt Li-Po batteries. Now, if only my X1M Platinum would get here.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ve2pdt
Sent: Thursday, August 01, 2013 12:00 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Antenna Tuner to compliment X1M

thanks for the link, hadn't heard of that one - i like the flexibility.. I was also looking into the MFJ QRpocket tuner, but this seems like a more versatile unit..

now to wait and be sure which antenna connector we'll get on the X1M....

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , Neil Goldstein
<neilgoldstein@...> wrote:
>
> The Emtech ZM2 is great with the X1M. Available in kit form or assembled.
>
> http://emtech.steadynet.com/zm2.shtml
>

655. Re: Antenna Tuner to compliment X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-01 22:49:32 UTC
From: Arvo Rantinen
Topic: 646 Message: 655

John & the group,

I have a very nice & compact Z-match that I use with the FT817ND. I have also built one with heavy-duty components (a 4-inch toroid, for starters) & motors that is remote tuneable that I use with the big station stuff (IC718/IC706).

I highly recommend the Z-match. The Emtech version is very approachable & easy to build. I believe it's probably the most efficient antenna tuner you can use. And I'm surprised that no one has come up with the math/algorithm programme whatever to make an auto tuning version.

If you use the polyvaricons that are on eBay & a reasonably sized toroid (1.5 inch) you can build one that's pretty dagnab tiny. Easy fit in a go bag with the X1M . . . once it's been cleared & moded, if such a beast exists.

So yeah: Z-match.

3s

Nils
W8IJN

656. Re: Power measurements

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-03 05:18:43 UTC
From: gordymurrieta
Topic: 531 Message: 656

X1M version 1.2

Tests measurements done now with 13.8 volts (before 12 to 12.5) with my now fixed Astron RM-35m.

4.64 watts on 40m, 7.050 MHz, Elecraft DL-2 showing 10.66 volts
4 to 4.23 watts on 20m, 14.050 MHz, showing 10 volts
5 watts on 10m, 28.050 MHz, showing 11 volts

Above with steady CW tone, X1M on manual keyer.

--- In X1M_QRP-Transceiver@yahoogroups.com, "gordymurrieta" <gordymurrieta@...> wrote:
>
> I turned off the automatic keyer so CW gives a steady tone. I kept measuring with the multimeter until the display stopped climbing.
>
> Results for CW mode with steady tone:
>
> 28.000.000 MHZ = 9.86 volts
> 21.000.000 MHZ = 9.19 volts
> 14.000.000 MHZ = 8.9 volts
> 07.000.000 MHZ = 9.4 volts
>
> So a little better but still not 4 watts which would show around 10.10 volts.
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, Tim <tim@> wrote:
> >
> > Hi Gordy,
> >
> > I don't have a unit <yet>, but wouldn't be better to either use the CW
> > mode, or feed in a fixed level audio signal to the microphone? This
> > would make your measurements more repeatable... I know my whistle gets
> > weak after a while!!! You could probably use a PC sound card
> > (headphone/speaker output) to generate it... I'm sure there are lots of
> > freeware tone generation software out there.
> >
> > Thanks for the work.
> >
> > Tim W5FN
> >
> >
> > > I redid the test within the filtered bands. Power is a 12 volt Power Sonic sealed acid battery, model PS-1229, 2.9 a/h. Two batteries joined so ~ 7 a/h.
> > >
> > > By the formula P(watts)=((V(volts)x1.414)+0.15))2 /50. So 11 volts = 5 watts, 9 volts = 3.3 watts, and 8.8 volts = 3 watts

> > >
> > > Band 2:
> > >
> > > LSB 07.000.000 MHZ = 9 volts
> > >
> > > comment:
> > > Odd thing with using the DL1 dummy load. For LSB, loud whistling for 5 seconds only showed 3 volts. Loud sustained voice got it to 9 volts. Opposite is true for USB, loud whistling showed better power results.
> > >
> > > Band 3:
> > >
> > > USB 14.000.000 and 14.400.000 MHZ = 8.8 volts
> > >
> > > Band 4:
> > >
> > > USB 21.000.000 and 21.300.000 MHZ = 9.2 volts
> > >
> > > USB 28.000.000 MHZ = 8.6 volts
> > >
> > > USB 28.500.000 MHZ = 9.2 volts
> > >
> > > comments:
> > > The radio started to make a high pitch noise after awhile. Maybe this is due to the component that allegedly needs a heat sink.
> > > Measurements were at peak readings for sustained loud whistling for 5 seconds except for 40m where LSB showed better results with loud voice. I'll need to build my WM-2 wattmeter to compare results. Current results say the radio cannot do 4 watts on the filtered bands.
> > >
> > > Not sure what people are finding acceptable to live with. When is the radio too out of spec?
> > >
> > > --- In X1M_QRP-Transceiver@yahoogroups.com, "yo9irf" <razvanfatu@> wrote:
> > >> On 40m at what frequency did you do the test ? Over or below 7.150 ?
> > >>
> > >> 17m and 12m is higher because it includes the +9MHz spur, as the outputs are unfiltered.
> > >>
> > >> What was the power supply voltage ?
> > >>
> > >>
> > >> --- In X1M_QRP-Transceiver@yahoogroups.com, "gordymurrieta" <gordymurrieta@> wrote:
> > >>> Using Elecraft DL1 dummy load with diode detector and whistling into the microphone I measured the output volts with a multimeter. Calculate output watts using formula:
> > >>>
> > >>> P(watts)=((V(volts)x1.414)+0.15))2 /50
> > >>>
> > >>> 10m at 9.5 volts = 3.5 watts
> > >>> 12m at 10.5 volts ~ 4.5 watts

> > >>> 15m at 9.5 volts ~ 3.5 watts
> > >>> 17m at 11 volts = 5 watts
> > >>> 20m at 9 volts = 3.3 watts
> > >>> 40m at 12 volts ~ 5.5 watts
> > >>> 80m at 9.8 volts ~ 3.7 watts
> > >>> 160m at 13 volts ~ 6 watts
> > >>>
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
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>

657. Platinum Edition

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-03 18:23:43 UTC
From: Fred VE3FAL
Topic: 657 Message: 657

I looked at the manual and did not notice that the X1M Platinum has no sidetone control in the menu. Ed do we know if a hole was put in the top to adjust the sidetone?

Is the new cable USB for the radio control, I think I seen something about that as well a bit ago.

See how this unit looks once it gets here for sure.

I like the forbid transmit setting and I am guessing that can only be changed via software, or is it a flip of the menu to a 1 from zero for other bands?

See what happens when the rig arrives.

Fred

VE3FAL

658. Re: Platinum Edition

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-05 14:39:20 UTC
From: W3FIS
Topic: 657 Message: 658

Word from Ed is that they have arrived in Charlotte!

Happy Day!!

73 /paul W3FIS

659. Re: Platinum Edition

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-05 15:50:52 UTC
From: ve2pdt
Topic: 657 Message: 659

nice to hear they're on the same continent, isn't it?

Bob

--- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@...> wrote:
>
> Word from Ed is that they have arrived in Charlotte!
>
> Happy Day!!
>
> 73 /paul W3FIS
>

660. X1M Platinum in Europe?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-05 16:02:12 UTC
From: Andy
Topic: 660 Message: 660

The German reseller Wimo has told me that they will not get the Platinum edition in Germany due to missing CE sign. Is there somebody selling this rig in France or UK?
Thanks,

73 Andy

661. Reference Manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-05 18:46:52 UTC
From: W3FIS
Topic: 661 Message: 661

I have talked to Ed to get his "OK" on this. Fred, VE3FAL and myself have agreed to take on the pleasant task of working up a readable (English/American/Canadian English) version of the manual for the X1M "Platinum" version. The current game plan is to take the two current manuals, harmonize them to reflect the workings of the platinum version, and flesh it out with a little more information gleaned from this group. Perhaps some more photos will be added.

If anyone has something they might like to add, or the like. Please let us know.

Of course, I am waiting on my X1M like everybody else, but we would expect to have something put together in a couple of weeks, if the creek doesn't rise....

73 /paul W3FIS

662. Boned by Kight Radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-05 23:23:17 UTC
From: petro_dad
Topic: 662 Message: 662

I ordered my X1M back in May of 2013 from Kightradio.com. It would not transmit and I emailed Kight and was given a RMA of 14 and the address to send it to. I sent it on May 25.

On June 14, I emailed them because I had not received the refund and they responded saying they would be sending out refund checks on the 17th. It was signed by some guy named Suyan.

Since then I have not received a refund. I have called both phone numbers innumerable times and no answer. I have emailed them directly and from their website. I have offered to take the refund in the form of merchandise if they need to, but no return email from them.

I seriously think I have been scammed. Anyone know whats going on with this bunch or have another way of contacting them?

Many thanks,
Jeff in Texas

663. RE: [X1M_QRP-Transceiver] Boned by Kight Radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-05 23:26:13 UTC
From: Fred VE3FAL
Topic: 662 Message: 663

Don't think you have been scammed but caught in a bit of a blunder with a huge number of returns and the factory trying to make good the Ver III unit. I know Dale spends lots of time over in China and busy there.

Please do not get too frustrated and I hope you will hear from them soon.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of petro_dad
Sent: August 5, 2013 7:23 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Boned by Kight Radio

I ordered my X1M back in May of 2013 from Kightradio.com. It would not transmit and I emailed Kight and was given a RMA of 14 and the address to send it to. I sent it on May 25.

On June 14, I emailed them because I had not received the refund and they responded saying they would be sending out refund checks on the 17th. It was signed by some guy named Suyan.

Since then I have not received a refund. I have called both phone numbers innumerable times and no answer. I have emailed them directly and from their website. I have offered to take the refund in the form of merchandise if they need to, but no return email from them.

I seriously think I have been scammed. Anyone know whats going on with this bunch or have another way of contacting them?

Many thanks,
Jeff in Texas

664. RE: [X1M_QRP-Transceiver] Boned by Kight Radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-05 23:30:09 UTC
From: sharpst@optusnet.com.au
Topic: 662 Message: 664

G'day Jeff,

Same boat as you, mine arrived in March and had no Tx, was given an RMA of 8 and sent it back for a replacement, managed to get a phone call answered in early June that the replacement would be sent direct from China around the 21st June - well that date has come and gone and like you I haven't managed to get a reply or phone call answered.

Currently I'm seeking a chargeback from my Credit Card to recover my purchase price....

73 Steve VK2ARS

Original email:

From: petro_dad petro_dad@yahoo.com
Date: Mon, 05 Aug 2013 23:23:17 -0000
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Boned by Kight Radio

I ordered my X1M back in May of 2013 from Kightradio.com. It would not transmit and I emailed Kight and was given a RMA of 14 and the address to send it to. I sent it on May 25.

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Many thanks,
Jeff in Texas

---
myhosting.com - Premium Microsoft® Windows® and Linux web and application hosting - http://link.myhosting.com/myhosting

665. Re: Reference Manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-06 00:01:11 UTC
From: pezcat19
Topic: 661 Message: 665

Hi guys,

Thanks for this. I look forward to seeing the finished product.

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@...> wrote:
>
> I have talked to Ed to get his "OK" on this. Fred, VE3FAL and myself have agreed to take on the pleasant task of working up a readable (English/American/Canadian English) version of the manual for the X1M "Platinum" version. The current game plan is to take the two current manuals, harmonize them to reflect the workings of the platinum version, and flesh it out with a little more information gleaned from this group. Perhaps some more photos will be added.
>
> If anyone has something they might like to add, or the like. Please let us know.
>
> Of course, I am waiting on my X1M like everybody else, but we would expect to have something put together in a couple of weeks, if the creek doesn't rise....
>
> 73 /paul W3FIS
>

666. Re: Reference Manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-06 00:50:55 UTC
From: ve2pdt
Topic: 661 Message: 666

very cool! thanks for your efforts!

Bob

--- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@...> wrote:
>
> I have talked to Ed to get his "OK" on this. Fred, VE3FAL and myself have agreed to take on the pleasant task of working up a readable (English/American/Canadian English) version of the manual for the X1M "Platinum" version. The current game plan is to take the two current manuals, harmonize them to reflect the workings of the platinum version, and flesh it out with a little more information gleaned from this group. Perhaps some more photos will be added.
>
> If anyone has something they might like to add, or the like. Please let us know.
>
> Of course, I am waiting on my X1M like everybody else, but we would expect to have something put together in a couple of weeks, if the creek doesn't rise....
>
> 73 /paul W3FIS
>

667. Re: Boned by Kight Radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-06 01:57:35 UTC
From: kf9cm
Topic: 662 Message: 667

This is my second radio and it has no output on 10 meters. I informed Dale of my problem and I needed a RMA number. I was told to wait for the new ones to come in and then I'd get one. that was back in June. I know it's frustrating and I must have called a dozen times with no response. Fred if you have any communication with Dale, you need to have him issue a statement reassuring his customers and what the status of the new radios are. He is not answering his phone or his emails and this is unsettling to a lot of people. Just my two cents..... Strike that make it 12 cents (inflation) [:)] .

73 de Gary,KF9CM

--- In X1M_QRP-Transceiver@yahoogroups.com, "petro_dad" wrote:
>
> I ordered my X1M back in May of 2013 from Kightradio.com. It would not transmit and I emailed Kight and was given a RMA of 14 and the address to send it to. I sent it on May 25.
>
> On June 14, I emailed them because I had not received the refund and they responded saying they would be sending out refund checks on the 17th. It was signed by some guy named Suyan.
>
> Since then I have not received a refund. I have called both phone numbers innumerable times and no answer. I have emailed them directly and from their website. I have offered to take the refund in the form of merchandise if they need to, but no return email from them.
>
> I seriously think I have been scammed. Anyone know whats going on with this bunch or have another way of contacting them?
>
> Many thanks,
> Jeff in Texas
>

668. Re: Boned by Kight Radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-06 03:13:21 UTC
From: John Golub
Topic: 662 Message: 668

Hello Gentlemen,

RMA #12 here, in the holding pattern also. As I've said in a previous post, let's be patient. I'm hoping we all get replacement radios from this newest batch. If not, then I hope we can get some answers. Until then though, it's a waiting game. This is a time to try and stay optimistic. Kinda wish Dale would at least make a blanket statement of some sort. But yeah, we're all in the same boat. Time will tell. Yup...

John Golub
KC8JZO
Dayton, OH.

669. X1M Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-06 13:28:42 UTC
From: VE3FAL-Fred
Topic: 260 Message: 669

Good morning folks, I just wanted to let you know that I had an email from Brandon at Kight Radio last night as I promised I would find out something for the group.

Brandon told me he will have Dale contact me (next couple of days) so I can get a more detailed idea as to what has happend, but I can at least give you folks a few small details:

1) Deliveries and finished products from the factory have been the main reason why things are behind. The factory is about one month behind on orders. For those of you who do not know how some of the industry works in China it is an interesting thing. many of the Holidays that they have in China shut down all factories, deliveries etc... Example is Chinese New Years, for that week nothing moves in or out of there...Of course deliveries can be slow, but DHL is pretty quick.

2) Dale is currently at home recovering from surgey, I have no other details on this and of course it really is not my business, but he is recovering and just got home.

I hope this helps to ease some of the questions and uncertainty out there.

Fred
VE3FAL

670. A new X1M Platinum video

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-06 13:31:01 UTC
From: pezcat19
Topic: 670 Message: 670

Hi all,

I just found this new X1M Platinum video on YouTube:

https://www.youtube.com/watch?v=XOOBNn9Pybw

This one looks to have an all black (better) volume knob than the red plastic one we have seen in the past.

73

Perrin VK3XPT

671. It shipped

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-06 14:36:27 UTC
From: Lee - N9LO
Topic: 671 Message: 671

I just got an email that my X1M Platinum has shipped from Import Communications. It is in the hands of Priorty Mail.

Lee - N9LO

Sent from my Windows PC.

672. Re: It shipped

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-06 14:39:42 UTC
From: W3FIS
Topic: 671 Message: 672

Likewise!!!!!!!!!!!

73 /paul W3FIS

673. RE: [X1M_QRP-Transceiver] A new X1M Platinum video

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-06 14:44:46 UTC
From: Lee
Topic: 670 Message: 673

In the beginning I see the red plastic knob and later in the video it looks too dark to tell.

Lee - N9LO

Sent from my Windows PC

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of pezcat19
Sent: Tuesday, August 06, 2013 8:31 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] A new X1M Platinum video

Hi all,

I just found this new X1M Platinum video on YouTube:

https://www.youtube.com/watch?v=XOOBNn9Pybw

This one looks to have an all black (better) volume knob than the red plastic one we have seen in the past.

73

Perrin VK3XPT

674. Re: X1M Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-06 15:21:22 UTC
From: John Golub
Topic: 260 Message: 674

Hello All,

Just received a reply from Dale (or maybe someone on his behalf?).

"Yes we are working on this now. They just arrived "

This is alright with me. Patience is a good thing. Yay!

John Golub
KC8JZO

675. Re: [X1M_QRP-Transceiver] Re: It shipped

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-06 15:59:14 UTC
From: Charlie , W5COV
Topic: 671 Message: 675

Got my notice this morning !!
Charlie , W5COV

On 8/6/2013 9:39 AM, W3FIS wrote:
>
> Likewise!!!!!!!!!!!!
>
> 73 /paul W3FIS
>
>

676. Re: [X1M_QRP-Transceiver] Boned by Kight Radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-06 16:36:20 UTC
From: Mark Thompson
Topic: 662 Message: 676

Same issue I ran into when I was trying to order from Kight. No answer of phone, no response to emails. Sounds like a fly by night operation. Got mine from import communications and have been having lots of fun with it for over 3 months.
73
Mark (KV8T)
On Aug 5, 2013 7:23 PM, "petro_dad" <petro_dad@yahoo.com> wrote:

> **
>
>
> I ordered my X1M back in May of 2013 from Kightradio.com. It would not
> transmit and I emailed Kight and was given a RMA of 14 and the address to
> send it to. I sent it on May 25.
>
> On June 14, I emailed them because I had not received the refund and they
> responded saying they would be sending out refund checks on the 17th. It
> was signed by some guy named Suyan.
>
> Since then I have not received a refund. I have called both phone numbers
> innumerable times and no answer. I have emailed them directly and from
> their website. I have offered to take the refund in the form of merchandise
> if they need to, but no return email from them.
>
> I seriously think I have been scammed. Anyone know whats going on with
> this bunch or have another way of contacting them?
>
> Many thanks,
> Jeff in Texas
>
>
>

677. RE: [X1M_QRP-Transceiver] Re: It shipped

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-06 20:20:44 UTC
From: Fred VE3FAL
Topic: 671 Message: 677

Got my notice this afternoon, looking forward to it.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: August 6, 2013 11:59 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: W3FIS
Subject: Re: [X1M_QRP-Transceiver] Re: It shipped

Got my notice this morning !!
Charlie , W5COV

On 8/6/2013 9:39 AM, W3FIS wrote:

Likewise!!!!!!!!!!!

73 /paul W3FIS

678. Re: It shipped

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-06 21:13:20 UTC
From: ve2pdt
Topic: 671 Message: 678

got it too!

post office must've been scared when Ed came in :)

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Got my notice this afternoon, looking forward to it.
>
>
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
> Sent: August 6, 2013 11:59 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Cc: W3FIS
> Subject: Re: [X1M_QRP-Transceiver] Re: It shipped
>
>
>
>
>
> Got my notice this morning !!
> Charlie , W5COV
>
> On 8/6/2013 9:39 AM, W3FIS wrote:
>
>
>
> Likewise!!!!!!!!!!!
>
> 73 /paul W3FIS
>

679. Delivery

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 00:22:28 UTC
From: kd4hjt@ymail.com
Topic: 629 Message: 679

Got mine in the mail today.
Will be interesting to see what everyone has to say in the coming weeks.

680. Re: Delivery

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 01:09:34 UTC
From: W3FIS
Topic: 629 Message: 680

Well, you are in South Carolina. We'll see how long it takes to get to "Slower Lower" Delaware <grin>

73 /paul W3FIS

681. Radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 01:15:24 UTC
From: kd4hjt@ymail.com
Topic: 681 Message: 681

Everything seems to be working fine so far. Did have to put a little spacer under the VFO knob to keep it from bottoming out and not switching button menu's.

682. Re: It shipped

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 07:56:17 UTC
From: pezcat19
Topic: 671 Message: 682

Hi all,

Did any of you receive an email from Stamps.com? I received an email from Ed (Wouxun.us) 2 days ago saying that it has been shipped, and that I should see an email from Stamps.com confirming the shipping label within 12hours. I have not received this email from Stamps.com as yet.

Cheers,

Perrin VK3XPT

> >
> > From: X1M_QRP-Transceiver@yahoogroups.com
> > [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
> > Sent: August 6, 2013 11:59 AM
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Cc: W3FIS
> > Subject: Re: [X1M_QRP-Transceiver] Re: It shipped
> >
> >
> >
> >
> >
> > Got my notice this morning !!
> > Charlie , W5COV
> >
> > On 8/6/2013 9:39 AM, W3FIS wrote:
> >
> >
> >
> > Likewise!!!!!!!!!!!!
> >
> > 73 /paul W3FIS
> >
>

683. Re: [X1M_QRP-Transceiver] Re: It shipped

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 12:31:04 UTC
From: Charlie , W5COV
Topic: 671 Message: 683

I received an e-mail from them shortly after Ed e-mailed me that mine had shipped .
Yes I have an e-mail from them indicating by tracking that mine will be at my Post Office Box this morning . We get all mail at Post Office Boxes here . Mail can be be picked up here starting at 16:30 UTC , so I should have mine in a few hours.

Charlie , W5COV

On 8/8/2013 2:56 AM, pezcat19 wrote:
>
>
> Hi all,
>
> Did any of you receive an email from Stamps.com? I received an email
> from Ed (Wouxun.us) 2 days ago saying that it has been shipped, and
> that I should see an email from Stamps.com confirming the shipping
> label within 12hours. I have not received this email from Stamps.com
> as yet.
>
> Cheers,
>
> Perrin VK3XPT
>
> > >
> > > From: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > [mailto:X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of Charlie ,
> W5COV
> > > Sent: August 6, 2013 11:59 AM
> > > To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > Cc: W3FIS
> > > Subject: Re: [X1M_QRP-Transceiver] Re: It shipped
> > >
> > >
> > >
> > >
> > >
> > > Got my notice this morning !!
> > > Charlie , W5COV
> > >
> > > On 8/6/2013 9:39 AM, W3FIS wrote:
> > >

> > >
> > >
> > > Likewise!!!!!!!!!!!!
> > >
> > > 73 /paul W3FIS
> > >
> >
>
>

684. RE: [X1M_QRP-Transceiver] Re: It shipped

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 12:35:19 UTC
From: Lee
Topic: 671 Message: 684

My email came from egriffin@... showing a page from stamps.com with a tracking number.. My radio is ½ a state away and is supposed to be delivered tomorrow.

Lee ☐ N9LO

From: X1M_QRP-Transceiver@...m
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of pezcat19
Sent: Thursday, August 08, 2013 2:56 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: It shipped

Hi all,

Did any of you receive an email from Stamps.com? I received an email from Ed (Wouxun.us) 2 days ago saying that it has been shipped, and that I should see an email from Stamps.com confirming the shipping label within 12hours. I have not received this email from Stamps.com as yet.

Cheers,

Perrin VK3XPT

> >
> > From: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > [mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of Charlie ,
W5COV
> > Sent: August 6, 2013 11:59 AM
> > To: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > Cc: W3FIS
> > Subject: Re: [X1M_QRP-Transceiver] Re: It shipped
> >
> >
> >
> >
> >
> > Got my notice this morning !!
> > Charlie , W5COV
> >
> > On 8/6/2013 9:39 AM, W3FIS wrote:
> >
> >
> >
> > Likewise!!!!!!!!!!!!

> >
> > 73 /paul W3FIS
> >
>

685. Re: It shipped

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 13:32:11 UTC
From: ve2pdt
Topic: 671 Message: 685

for any other Canadians waiting for theirs, you can use the tracking number from stamps.com on the Canada Post tracking tool.

mine shows in customs, which means anywhere from 1-10 days until it gets cleared...

those of you who got yours, does it have a BNC or UHF antenna connector?

Bob

--- In X1M_QRP-Transceiver@yahoogroups.com, "Lee" <mr.olson@...> wrote:
>
> My email came from egriffin@... showing a page from stamps.com with a
> tracking number.. My radio is ½ a state away and is supposed to be
> delivered tomorrow.
>
>
>
> Lee ☐ N9LO
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of pezcat19
> Sent: Thursday, August 08, 2013 2:56 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Re: It shipped
>
>
>
>
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>
>
> Hi all,
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> Did any of you receive an email from Stamps.com? I received an email from Ed
> (Wouxun.us) 2 days ago saying that it has been shipped, and that I should
> see an email from Stamps.com confirming the shipping label within 12hours. I
> have not received this email from Stamps.com as yet.
>
> Cheers,
>
> Perrin VK3XPT
>
> > >
> > > From: X1M_QRP-Transceiver@yahoogroups.com

> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > [mailto:X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of Charlie ,
> W5COV
> > > Sent: August 6, 2013 11:59 AM
> > > To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > Cc: W3FIS
> > > Subject: Re: [X1M_QRP-Transceiver] Re: It shipped
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> > > Got my notice this morning !!
> > > Charlie , W5COV
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> > > On 8/6/2013 9:39 AM, W3FIS wrote:
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> > >
> > > Likewise!!!!!!!!!!!!
> > >
> > > 73 /paul W3FIS
> > >
> >
>

686. Re: It shipped

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 16:31:41 UTC
From: kd4hjt@ymail.com
Topic: 671 Message: 686

Mine has a BNC

--- In X1M_QRP-Transceiver@yahoogroups.com, "ve2pdt" <bobgoyetche@...> wrote:
>
>
> for any other Canadians waiting for theirs, you can use the tracking number from stamps.com on the Canada Post tracking tool.
>
> mine shows in customs, which means anywhere from 1-10 days until it gets cleared...
>
> those of you who got yours, does it have a BNC or UHF antenna connector?
>
> Bob
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Lee" <mr.olson@> wrote:
> >
> > My email came from egriffin@ showing a page from stamps.com with a
> > tracking number.. My radio is ½ a state away and is supposed to be
> > delivered tomorrow.
> >
> >
> >
> > Lee ☐ N9LO
> >
> >
> >
> > From: X1M_QRP-Transceiver@yahoogroups.com
> > [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of pezcat19
> > Sent: Thursday, August 08, 2013 2:56 AM
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Subject: [X1M_QRP-Transceiver] Re: It shipped
> >
> >
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> >
> >
> > Hi all,
> >
> > Did any of you receive an email from Stamps.com? I received an email from Ed
> > (Wouxun.us) 2 days ago saying that it has been shipped, and that I should
> > see an email from Stamps.com confirming the shipping label within 12hours. I
> > have not received this email from Stamps.com as yet.
> >

> > Cheers,
> >
> > Perrin VK3XPT
> >
> > > >
> > > > From: X1M_QRP-Transceiver@yahoogroups.com
> > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > > [mailto:X1M_QRP-Transceiver@yahoogroups.com
> > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of Charlie ,
> > W5COV
> > > > Sent: August 6, 2013 11:59 AM
> > > > To: X1M_QRP-Transceiver@yahoogroups.com
> > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > > Cc: W3FIS
> > > > Subject: Re: [X1M_QRP-Transceiver] Re: It shipped
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> > > > >
> > > > Likewise!!!!!!!!!!!!
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> > > > 73 /paul W3FIS
> > > > >
> > > >
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> >
>

687. Re: [X1M_QRP-Transceiver] Re: It shipped

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 16:54:09 UTC
From: Charlie , W5COV
Topic: 671 Message: 687

Just picked mine up here in Oklahoma . BNC also . WOW TINY !!! Red insert volume/power knob . Luckily I had a power cable already made up that fits it .

Going to have to do some reading and studying now . Just turned it on and with volume wide open have to lay my ear on the speaker to hear any background noise . No antenna connected yet .

LOTS of stuff on the display . Now to begin to learn to use it . Looks like a lot of trial here at first and trying to find as much information as I can until a manual gets written . I'll keep good notes .

Sure is cute though .

More later ,

Charlie , W5COV

On 8/8/2013 11:31 AM, kd4hjt@... wrote:
>
> Mine has a BNC
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, "ve2pdt"
> <bobgoyetche@...> wrote:
> >
> >
> > for any other Canadians waiting for theirs, you can use the tracking
> number from stamps.com on the Canada Post tracking tool.
> >
> > mine shows in customs, which means anywhere from 1-10 days until it
> gets cleared...
> >
> > those of you who got yours, does it have a BNC or UHF antenna connector?
> >
> > Bob
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, "Lee" <mr.olson@> wrote:
> > >
> > > My email came from egriffin@ showing a page from stamps.com with a
> > > tracking number.. My radio is ? a state away and is supposed to be
> > > delivered tomorrow.
> > >
> > >
> > >

> > > Lee -- N9LO
> > >
> > >
> > >
> > > From: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > [mailto:X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of pezcat19
> > > Sent: Thursday, August 08, 2013 2:56 AM
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> > > Hi all,
> > >
> > > Did any of you receive an email from Stamps.com? I received an
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> should
> > > see an email from Stamps.com confirming the shipping label within
> 12hours. I
> > > have not received this email from Stamps.com as yet.
> > >
> > > Cheers,
> > >
> > > Perrin VK3XPT
> > >
> > > > >
> > > > > From: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > > > [mailto:X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of
> Charlie ,
> > > W5COV
> > > > > Sent: August 6, 2013 11:59 AM
> > > > > To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > > > Cc: W3FIS
> > > > > Subject: Re: [X1M_QRP-Transceiver] Re: It shipped
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> > > > >

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> > > > > Got my notice this morning !!
> > > > > Charlie , W5COV
> > > > > >
> > > > > On 8/6/2013 9:39 AM, W3FIS wrote:
> > > > > >
> > > > > >
> > > > > >
> > > > > Likewise!!!!!!!!!!!!
> > > > > >
> > > > > 73 /paul W3FIS
> > > > > >
> > > > >
> > > >
> > >
>
>

688. X1M-P

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 17:01:21 UTC
From: ChristopherG
Topic: 688 Message: 688

I recieved mine....Very Short Cat Cable. And I thought it was going to have a USB connection...Id does not? My netbook that I bought from a friend only has USB slots. I have HRD and WSPR all set up and ready to go, but I can't can't connect the radio. :(any suggestions?

K6CMG

689. Re: [X1M_QRP-Transceiver] X1M-P

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 17:10:31 UTC
From: Jim Hurwitz
Topic: 688 Message: 689

Look for a powered USB hub. That will add additional USB ports with the
required 500 ma per port. A hub that is not powered, with split the 500 ma
among any active ports in the hub.

Jim
W1FMG

On Thu, Aug 8, 2013 at 1:01 PM, ChristopherG <cgoodman1980@...> wrote:

> **
>
>
> I recieved mine....Very Short Cat Cable. And I thought it was going to
> have a USB connection...Id does not? My netbook that I bought from a friend
> only has USB slots. I have HRD and WSPR all set up and ready to go, but I
> can't can't connect the radio. :(any suggestions?
>
> K6CMG
>
>
>

690. Re: [X1M_QRP-Transceiver] X1M-P

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 17:13:17 UTC
From: Jim Hurwitz
Topic: 688 Message: 690

Did I misunderfstand your problem?

On Thu, Aug 8, 2013 at 1:01 PM, ChristopherG <cgoodman1980@...> wrote:

> **
>
>
> I recieved mine....Very Short Cat Cable. And I thought it was going to
> have a USB connection...Id does not? My netbook that I bought from a friend
> only has USB slots. I have HRD and WSPR all set up and ready to go, but I
> can't can't connect the radio. :(any suggestions?
>
> K6CMG
>
>
>

691. Re: [X1M_QRP-Transceiver] X1M-P

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 17:14:56 UTC
From: Charlie , W5COV
Topic: 688 Message: 691

Yes very short CAT cable :) 4 1/2 inches with cable stretched out and measuring from end to end on connectors .

You have to make yourself up a power cord unless you are a builder like me that seems to have a couple of everything , when I can find it :) The connector is provided , but you have to supply your own wire . Also included is a plug for an external speaker .

Just giving a heads up to those of you that may not have a shop plus test bench equipped like mine .

Going to master this display and settings before I even attempt to do anything with the CAT controls . Three wires used with all DB-9 connectors .

More later :)

Charlie , W5COV

On 8/8/2013 12:01 PM, ChristopherG wrote:
>
> I recieved mine....Very Short Cat Cable. And I thought it was going to
> have a USB connection...Id does not? My netbook that I bought from a
> friend only has USB slots. I have HRD and WSPR all set up and ready to
> go, but I can't can't connect the radio. :(any suggestions?
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> K6CMG
>
>

692. RE: [X1M_QRP-Transceiver] X1M-P

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 17:16:43 UTC
From: Rick Pemble
Topic: 688 Message: 692

I just received yesterday, the USB to the TTL level DB-9 interface on the box.

http://www.ebay.com/itm/271211061815?ssPageName=STRK:MEWNX:IT <http://www.ebay.com/itm/271211061815?ssPageName=STRK:MEWNX:IT&_trksid=p3984.m1439.l2649> &_trksid=p3984.m1439.l2649

$2.53 takes about a week to get them. They are USB cables with four individual push on connector pins at the end. That will make an interface.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Jim Hurwitz
Sent: Thursday, August 08, 2013 13:13
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] X1M-P

Did I misunderfstand your problem?

On Thu, Aug 8, 2013 at 1:01 PM, ChristopherG <cgoodman1980@... <mailto:cgoodman1980@...> > wrote:

I recieved mine....Very Short Cat Cable. And I thought it was going to have a USB connection...Id does not? My netbook that I bought from a friend only has USB slots. I have HRD and WSPR all set up and ready to go, but I can't can't connect the radio. :(any suggestions?

K6CMG

693. RE: [X1M_QRP-Transceiver] X1M-P

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 17:18:48 UTC
From: Lee
Topic: 688 Message: 693

You will need USB to TTL Serial Cable Adapter and Serial RS232 DB9 9-PIN MALE Assembly like the ones I ordered below. Then see message 430 for the wiring.

http://www.ebay.com/itm/EP98-USB-to-TTL-Serial-Cable-Adapter-FT232-USB-Cable-Computer-Cable-High-Quality-/111139293937?pt=US_Audio_Cable_Plugs_Jacks
<http://www.ebay.com/itm/EP98-USB-to-TTL-Serial-Cable-Adapter-FT232-USB-Cable-Computer-Cable-High-Quality-/111139293937?pt=US_Audio_Cable_Plugs_Jacks&hash=item19e06b0af1#ht_5321wt_1136> &hash=item19e06b0af1#ht_5321wt_1136

http://www.ebay.com/itm/2set-Serial-RS232-DB9-9-PIN-MALE-Assembly-Solder-Plug-Connector-with-Shell-/330880145303?pt=US_Parallel_Serial_PS_2_Cables_Adapters
<http://www.ebay.com/itm/2set-Serial-RS232-DB9-9-PIN-MALE-Assembly-Solder-Plug-Connector-with-Shell-/330880145303?pt=US_Parallel_Serial_PS_2_Cables_Adapters&hash=item4d09fe5797#ht_1322wt_904> &hash=item4d09fe5797#ht_1322wt_904

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ChristopherG
Sent: Thursday, August 08, 2013 12:01 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M-P

I recieved mine....Very Short Cat Cable. And I thought it was going to have a USB connection...Id does not? My netbook that I bought from a friend only has USB slots. I have HRD and WSPR all set up and ready to go, but I can't can't connect the radio. :(any suggestions?

K6CMG

694. Re: X1M-P

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 17:42:52 UTC
From: ChristopherG
Topic: 688 Message: 694

Well, cant I just open this Cat cable thingy here and attach it with any ol usb chord I have here?

I'm pretty savvy with a soldering Iron....This is the first radio I have bought premade. I have 4 other radios I had to make from kits.

-Christopher

--- In X1M_QRP-Transceiver@yahoogroups.com, "Lee" <mr.olson@...> wrote:
>
> You will need USB to TTL Serial Cable Adapter and Serial RS232 DB9 9-PIN
> MALE Assembly like the ones I ordered below. Then see message 430 for the
> wiring.
>
>
>
> http://www.ebay.com/itm/EP98-USB-to-TTL-Serial-Cable-Adapter-FT232-USB-Cable
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> <http://www.ebay.com/itm/EP98-USB-to-TTL-Serial-Cable-Adapter-FT232-USB-Cabl
> e-Computer-Cable-High-Quality-/111139293937?pt=US_Audio_Cable_Plugs_Jacks&ha
> sh=item19e06b0af1#ht_5321wt_1136> &hash=item19e06b0af1#ht_5321wt_1136
>
>
>
> http://www.ebay.com/itm/2set-Serial-RS232-DB9-9-PIN-MALE-Assembly-Solder-Plu
> g-Connector-with-Shell-/330880145303?pt=US_Parallel_Serial_PS_2_Cables_Adapt
> ers
> <http://www.ebay.com/itm/2set-Serial-RS232-DB9-9-PIN-MALE-Assembly-Solder-Pl
> ug-Connector-with-Shell-/330880145303?pt=US_Parallel_Serial_PS_2_Cables_Adap
> ters&hash=item4d09fe5797#ht_1322wt_904> &hash=item4d09fe5797#ht_1322wt_904
>
>
>
> Lee - N9LO
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>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ChristopherG
> Sent: Thursday, August 08, 2013 12:01 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] X1M-P
>
>
>
>

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> I recieved mine....Very Short Cat Cable. And I thought it was going to have
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> has USB slots. I have HRD and WSPR all set up and ready to go, but I can't
> can't connect the radio. :(any suggestions?
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> K6CMG
>

695. RE: [X1M_QRP-Transceiver] Re: X1M-P

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 18:01:52 UTC
From: Lee
Topic: 688 Message: 695

Inside the USB to TTL Serial Cable Adapter is a circuit to convert the signals to a TTL level. You cannot just connect an old USB cable to a 9 pin plug. You may kill the radio.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ChristopherG
Sent: Thursday, August 08, 2013 12:43 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: X1M-P

Well, cant I just open this Cat cable thingy here and attach it with any ol usb chord I have here?

I'm pretty savvy with a soldering Iron....This is the first radio I have bought premade. I have 4 other radios I had to make from kits.

-Christopher

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Lee" <mr.olson@...> wrote:
>
> You will need USB to TTL Serial Cable Adapter and Serial RS232 DB9 9-PIN
> MALE Assembly like the ones I ordered below. Then see message 430 for the
> wiring.
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>
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http://www.ebay.com/itm/EP98-USB-to-TTL-Serial-Cable-Adapter-FT232-USB-Cable
> -Computer-Cable-High-Quality-/111139293937?pt=US_Audio_Cable_Plugs_Jacks
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> sh=item19e06b0af1#ht_5321wt_1136> &hash=item19e06b0af1#ht_5321wt_1136
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>
g-Connector-with-Shell-/330880145303?pt=US_Parallel_Serial_PS_2_Cables_Adapt
> ers
>

<http://www.ebay.com/itm/2set-Serial-RS232-DB9-9-PIN-MALE-Assembly-Solder-Pl
>
ug-Connector-with-Shell-/330880145303?pt=US_Parallel_Serial_PS_2_Cables_Adap
> ters&hash=item4d09fe5797#ht_1322wt_904> &hash=item4d09fe5797#ht_1322wt_904
>
>
>
> Lee - N9LO
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of ChristopherG
> Sent: Thursday, August 08, 2013 12:01 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> Subject: [X1M_QRP-Transceiver] X1M-P
>
>
>
>
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> I recieved mine....Very Short Cat Cable. And I thought it was going to
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> a USB connection...Id does not? My netbook that I bought from a friend
only
> has USB slots. I have HRD and WSPR all set up and ready to go, but I can't
> can't connect the radio. :(any suggestions?
>
> K6CMG
>

696. Re: X1M-P

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 18:03:03 UTC
From: ChristopherG
Topic: 688 Message: 696

Gotcha...Thanks

K6CMG

--- In X1M_QRP-Transceiver@yahoogroups.com, "Lee" <mr.olson@...> wrote:
>
> Inside the USB to TTL Serial Cable Adapter is a circuit to convert the
> signals to a TTL level. You cannot just connect an old USB cable to a 9 pin
> plug. You may kill the radio.
>
>
>
> Lee - N9LO
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ChristopherG
> Sent: Thursday, August 08, 2013 12:43 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Re: X1M-P
>
>
>
>
>
>
> Well, cant I just open this Cat cable thingy here and attach it with any ol
> usb chord I have here?
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> I'm pretty savvy with a soldering Iron....This is the first radio I have
> bought premade. I have 4 other radios I had to make from kits.
>
> -Christopher
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
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> >
> >
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> > -Computer-Cable-High-Quality-/111139293937?pt=US_Audio_Cable_Plugs_Jacks
> >
> <http://www.ebay.com/itm/EP98-USB-to-TTL-Serial-Cable-Adapter-FT232-USB-Cabl
> >
> e-Computer-Cable-High-Quality-/111139293937?pt=US_Audio_Cable_Plugs_Jacks&ha
> > sh=item19e06b0af1#ht_5321wt_1136> &hash=item19e06b0af1#ht_5321wt_1136
> >
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> http://www.ebay.com/itm/2set-Serial-RS232-DB9-9-PIN-MALE-Assembly-Solder-Plu
> >
> g-Connector-with-Shell-/330880145303?pt=US_Parallel_Serial_PS_2_Cables_Adapt
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> > ters&hash=item4d09fe5797#ht_1322wt_904> &hash=item4d09fe5797#ht_1322wt_904
> >
> >
> >
> > Lee - N9LO
> >
> >
> >
> > From: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > [mailto:X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of ChristopherG
> > Sent: Thursday, August 08, 2013 12:01 PM
> > To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > Subject: [X1M_QRP-Transceiver] X1M-P
> >
> >
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> > I recieved mine....Very Short Cat Cable. And I thought it was going to
> have
> > a USB connection...Id does not? My netbook that I bought from a friend
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> > has USB slots. I have HRD and WSPR all set up and ready to go, but I can't
> > can't connect the radio. :(any suggestions?
> >
> > K6CMG
> >
>

697. Re: X1M-P

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 18:23:17 UTC
From: ChristopherG
Topic: 688 Message: 697

Since the serial plug came in a 2 pack, I ordered 2 cables.....Will have a back up cable.
K6CMG

--- In X1M_QRP-Transceiver@yahoogroups.com, "Lee" <mr.olson@...> wrote:
>
> You will need USB to TTL Serial Cable Adapter and Serial RS232 DB9 9-PIN
> MALE Assembly like the ones I ordered below. Then see message 430 for the
> wiring.
>
>
>
> http://www.ebay.com/itm/EP98-USB-to-TTL-Serial-Cable-Adapter-FT232-USB-Cable
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> <http://www.ebay.com/itm/EP98-USB-to-TTL-Serial-Cable-Adapter-FT232-USB-Cabl
> e-Computer-Cable-High-Quality-/111139293937?pt=US_Audio_Cable_Plugs_Jacks&ha
> sh=item19e06b0af1#ht_5321wt_1136> &hash=item19e06b0af1#ht_5321wt_1136
>
>
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> http://www.ebay.com/itm/2set-Serial-RS232-DB9-9-PIN-MALE-Assembly-Solder-Plu
> g-Connector-with-Shell-/330880145303?pt=US_Parallel_Serial_PS_2_Cables_Adapt
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> ug-Connector-with-Shell-/330880145303?pt=US_Parallel_Serial_PS_2_Cables_Adap
> ters&hash=item4d09fe5797#ht_1322wt_904> &hash=item4d09fe5797#ht_1322wt_904
>
>
>
> Lee - N9LO
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ChristopherG
> Sent: Thursday, August 08, 2013 12:01 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] X1M-P
>
>
>
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> I recieved mine....Very Short Cat Cable. And I thought it was going to have
> a USB connection...Id does not? My netbook that I bought from a friend only
> has USB slots. I have HRD and WSPR all set up and ready to go, but I can't

> can't connect the radio. :(any suggestions?
>
> K6CMG
>

698. Still no X1M in Germany

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 19:04:56 UTC
From: Andy
Topic: 598 Message: 698

Thought I could take it with me to my vacation QTH in Italy this weekend...

73 Andy DC3AFA

699. Re: [X1M_QRP-Transceiver] Still no X1M in Germany

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 21:03:14 UTC
From: Charlie , W5COV
Topic: 598 Message: 699

Andy ,

If you get it in time , will you take a special listen for we X1M users
? <grin>

Shoot we need to have an informal net or group frequency to listen for
other owners on . SSB CW/DIGITAL on common bands .

Charlie , W5COV

On 8/8/2013 2:04 PM, Andy wrote:
>
> Thought I could take it with me to my vacation QTH in Italy this
> weekend...
>
> 73 Andy DC3AFA
>
>

700. Re: Still no X1M in Germany

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 21:32:50 UTC
From: Andy
Topic: 598 Message: 700

Since there is no chance to get it until tomorrow evening I'll have to decide whether I take my FT817 or my VX1210 with me. That isn't half bad...
Maybe I'll catch you on the air.

73 Andy

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> Andy ,
>
> If you get it in time , will you take a special listen for we X1M users
> ? <grin>
>
> Shoot we need to have an informal net or group frequency to listen for
> other owners on . SSB CW/DIGITAL on common bands .
>
> Charlie , W5COV
>
>
> On 8/8/2013 2:04 PM, Andy wrote:
> >
> > Thought I could take it with me to my vacation QTH in Italy this
> > weekend...
> >
> > 73 Andy DC3AFA
> >
> >
>

701. Re: Still no X1M in Germany

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 21:37:46 UTC
From: W3FIS
Topic: 598 Message: 701

OK! Mine arrived this afternoon, and up and running.

1. As shipped power plug NOT the right one -- already had a 5.5 x 2.1 for other QRP rigs, so good to go there.

2. Side tone is LOUD!!!! Has anyone addressed that issue in the Platinum version??? I haven't opened up the case to see if there is an adjustment.

3. Documentation -- I have a ROUGH draft together, and will clean it up over the weekend, and post it. I would appreciate any input after you have had a chance to take a look at it.

4. To avoid scratching up the bottom of that pretty case, I have put four silicon rubber feet (your local hardware store) on the bottom

REALLY nice radio. This is going to run the Yaesu FT-817ND off the road!

To be able to see what I am doing, I have had to prop it up on a "Nifty" HT stand!

73 /paul W3FIS

702. Re: [X1M_QRP-Transceiver] Still no X1M in Germany

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 21:52:47 UTC
From: Mark Thompson
Topic: 598 Message: 702

That sounds like a great idea. I've had mine since April and have worked a
lot of DX with it.
73
Mark (KV8T)
On Aug 8, 2013 5:04 PM, "Charlie , W5COV" <cvest@...> wrote:

> **
>
>
> Andy ,
>
> If you get it in time , will you take a special listen for we X1M users ?
> <grin>
>
> Shoot we need to have an informal net or group frequency to listen for
> other owners on . SSB CW/DIGITAL on common bands .
>
> Charlie , W5COV
>
>
> On 8/8/2013 2:04 PM, Andy wrote:
>
>
>
>
> Thought I could take it with me to my vacation QTH in Italy this weekend...
>
> 73 Andy DC3AFA
>
>
>
>
>

703. Thanks Ed

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 21:58:06 UTC
From: kd4hjt@ymail.com
Topic: 703 Message: 703

Ed,

Thanks for the hard work getting these to us. The mods you suggested all appear to be here and working well. The service is much appreciated.

Ray

704. RE: [X1M_QRP-Transceiver] Still no X1M in Germany

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 22:11:39 UTC
From: Rick Pemble
Topic: 598 Message: 704

KV8T .. That call sounds real familier - were you on CW around 14.002
the other nite? I heard a short 8 call calling the station I just worked.

W4rp

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Mark Thompson
Sent: Thursday, August 08, 2013 17:53
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Still no X1M in Germany

That sounds like a great idea. I've had mine since April and have worked a
lot of DX with it.
73
Mark (KV8T)

On Aug 8, 2013 5:04 PM, "Charlie , W5COV" <cvest@...
<mailto:cvest@...> > wrote:

Andy ,

If you get it in time , will you take a special listen for we X1M users ?
<grin>

Shoot we need to have an informal net or group frequency to listen for other
owners on . SSB CW/DIGITAL on common bands .

Charlie , W5COV

On 8/8/2013 2:04 PM, Andy wrote:

Thought I could take it with me to my vacation QTH in Italy this weekend...

73 Andy DC3AFA

705. Re: Thanks Ed

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 22:32:19 UTC
From: W3FIS
Topic: 703 Message: 705

I will definitely second that!!!!!!!!!!

Shakedown run this afternoon, and all seems to work fine.

73 /paul W3FIS

706. CAT Cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 22:33:16 UTC
From: ChristopherG
Topic: 706 Message: 706

So, since my laptop didn't have a serial port, I decided to upload HRD onto my work computer to test this CAT cable since my work computer has serial ports.

HRD cannot seem to connect to the X1M-P with their supplied CAT cable, what am I doing wrong?

Im using a 6' extensions between the Computer and the CAT cable which is plugged into the radio.

K6CMG
-Christopher

707. Re: [X1M_QRP-Transceiver] Still no X1M in Germany

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 23:31:21 UTC
From: Bob Knollman
Topic: 598 Message: 707

Charlie and the Group-
A sched or net for X1M owners is a great idea. I'd certainly participate!

Bob / KD8QZE

On Thu, Aug 8, 2013 at 5:03 PM, Charlie , W5COV <cvest@...> wrote:

> **
>
>
> Andy ,
>
> If you get it in time , will you take a special listen for we X1M users ?
> <grin>
>
> Shoot we need to have an informal net or group frequency to listen for
> other owners on . SSB CW/DIGITAL on common bands .
>
> Charlie , W5COV
>
>
> On 8/8/2013 2:04 PM, Andy wrote:
>
>
>
> Thought I could take it with me to my vacation QTH in Italy this weekend...
>
> 73 Andy DC3AFA
>
>
>
>

708. Nice, Cheap USB to RS-232 Adapter Board from Hong Kong

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-08 23:57:21 UTC
From: vk2dmh
Topic: 708 Message: 708

Hi guys. I just noticed this item on FleaBay. It doesn't include a cable, in fact it is a small board that changes the voltages for you. And no, I don't own thr company or get a commission if you buy! :-)

Here's the original URL:

http://www.ebay.com/itm/New-1pcs-FT232RL-USB-232-Arduino-download-cable-USB-Serial-adapter-module-/130911311311?pt=UK_BOI_Electrical_Components_Supplies_ET&hash=item1e7aec15cf

My shortened URL is: http://bit.ly/1ew1xlX

73 or 72, de David Harvey, VK2DMH

709. RE: [X1M_QRP-Transceiver] Re: Still no X1M in Germany

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 00:20:44 UTC
From: Fred VE3FAL
Topic: 598 Message: 709

The sidetone issue was addressed last go round but guessing that was not priority but the filtering and power and such would have taken stance. One method would be to drill a hole in top cover and allow adjustment of the pot.. A sidetone adjustment in the settings/menu would be a great idea for sure.

Have not got my X1M-P yet but how does this compare heat wise to the X1M?

I agree Paul such a radio will be a run for some of the other competitors who have not brought any new gear to the QRP world.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of W3FIS
Sent: August 8, 2013 5:38 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Still no X1M in Germany

OK! Mine arrived this afternoon, and up and running.

1. As shipped power plug NOT the right one -- already had a 5.5 x 2.1 for other QRP rigs, so good to go there.

2. Side tone is LOUD!!!! Has anyone addressed that issue in the Platinum version??? I haven't opened up the case to see if there is an adjustment.

3. Documentation -- I have a ROUGH draft together, and will clean it up over the weekend, and post it. I would appreciate any input after you have had a chance to take a look at it.

4. To avoid scratching up the bottom of that pretty case, I have put four silicon rubber feet (your local hardware store) on the bottom

REALLY nice radio. This is going to run the Yaesu FT-817ND off the road!

To be able to see what I am doing, I have had to prop it up on a "Nifty" HT stand!

73 /paul W3FIS

710. Re: [X1M_QRP-Transceiver] Re: Still no X1M in Germany

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 00:34:33 UTC
From: Charlie , W5COV
Topic: 598 Message: 710

Can't compare them since I never had an early model , but it gets warmer
than anything solid state than I have in the shack .

I haven't even transmitted yet , due to a busy day , but been listening
all day . But from what I have played with it , there isn't anything
that can come anywhere close to it , especially for the price .

Has anyone tried to transmit outside the 5 bands yet ? Hope they left
that alone . Hate to have to look for an early model too . Nice display
and easy functions on this one.

I hate to drill a hole just in case it would void any warranty .

Charlie , W5COV

On 8/8/2013 7:20 PM, Fred VE3FAL wrote:
>
> The sidetone issue was addressed last go round but guessing that was
> not priority but the filtering and power and such would have taken
> stance. One method would be to drill a hole in top cover and allow
> adjustment of the pot.. A sidetone adjustment in the settings/menu
> would be a great idea for sure.
>
> Have not got my X1M-P yet but how does this compare heat wise to the X1M?
>
> I agree Paul such a radio will be a run for some of the other
> competitors who have not brought any new gear to the QRP world.
>
> Fred
>
> VE3FAL
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *W3FIS
> *Sent:* August 8, 2013 5:38 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] Re: Still no X1M in Germany
>
> OK! Mine arrived this afternoon, and up and running.
>
> 1. As shipped power plug NOT the right one -- already had a 5.5 x 2.1
> for other QRP rigs, so good to go there.
>
> 2. Side tone is LOUD!!!! Has anyone addressed that issue in the
> Platinum version??? I haven't opened up the case to see if there is an
> adjustment.

>
> 3. Documentation -- I have a ROUGH draft together, and will clean it
> up over the weekend, and post it. I would appreciate any input after
> you have had a chance to take a look at it.
>
> 4. To avoid scratching up the bottom of that pretty case, I have put
> four silicon rubber feet (your local hardware store) on the bottom
>
> REALLY nice radio. This is going to run the Yaesu FT-817ND off the road!
>
> To be able to see what I am doing, I have had to prop it up on a
> "Nifty" HT stand!
>
> 73 /paul W3FIS
>
>

711. RE: [X1M_QRP-Transceiver] CAT Cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 00:57:16 UTC
From: Lee
Topic: 706 Message: 711

Does your CAT cable convert the signals to TTL or just standard signals?
What brand is your CAT cable?

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ChristopherG
Sent: Thursday, August 08, 2013 5:33 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] CAT Cable

So, since my laptop didn't have a serial port, I decided to upload HRD onto my work computer to test this CAT cable since my work computer has serial ports.

HRD cannot seem to connect to the X1M-P with their supplied CAT cable, what am I doing wrong?

Im using a 6' extensions between the Computer and the CAT cable which is plugged into the radio.

K6CMG
-Christopher

712. X1M running hot?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 07:43:58 UTC
From: Andy
Topic: 598 Message: 712

Very interesting. Have read before that the X1M is getting warm, but by only receiving? Any idea what is generating such a high temperature?
Do we need any additional cooling?

73 Andy DC3AFA

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> Can't compare them since I never had an early model , but it gets warmer
> than anything solid state than I have in the shack .
>
> I haven't even transmitted yet , due to a busy day , but been listening
> all day .

713. Re: X1M running hot?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 13:42:03 UTC
From: uli_zabe
Topic: 598 Message: 713

I think the the hottest parts in receiving operation are the DDS chip AD9850 and the power regulator. In some homebrew projects the AD9850 needs about 150mA at 5V operation.

73 Uli DF7IY

--- In X1M_QRP-Transceiver@yahoogroups.com, "Andy" <andreas.fuehrmann@...> wrote:
>
> Very interesting. Have read before that the X1M is getting warm, but by only receiving? Any idea what is generating such a high temperature?
> Do we need any additional cooling?
>
> 73 Andy DC3AFA
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@> wrote:
> >
> > Can't compare them since I never had an early model , but it gets warmer
> > than anything solid state than I have in the shack .
> >
> > I haven't even transmitted yet , due to a busy day , but been listening
> > all day .
>

714. Platinum

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 15:11:33 UTC
From: Fred VE3FAL
Topic: 714 Message: 714

As of today mine is in Florida enroute.

Fred

VE3FAL

715. Re: X1M running hot?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 15:38:15 UTC
From: Andy
Topic: 598 Message: 715

So some cooling for this chip may be helpful?

--- In X1M_QRP-Transceiver@yahoogroups.com, "uli_zabe" <uli_zabe@...> wrote:
>
> I think the the hottest parts in receiving operation are the DDS chip AD9850 and the power regulator. In some homebrew projects the AD9850 needs about 150mA at 5V operation.
>
> 73 Uli DF7IY
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Andy" <andreas.fuehrmann@> wrote:
> >
> > Very interesting. Have read before that the X1M is getting warm, but by only receiving? Any idea what is generating such a high temperature?
> > Do we need any additional cooling?
> >
> > 73 Andy DC3AFA
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@> wrote:
> > >
> > > Can't compare them since I never had an early model , but it gets warmer
> > > than anything solid state than I have in the shack .
> > >
> > > I haven't even transmitted yet , due to a busy day , but been listening
> > > all day .
> >
>

716. Re: X1M running hot?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 16:05:37 UTC
From: ChristopherG
Topic: 598 Message: 716

Mine got very hot while just sitting on my desk in receive mode while I was trying to hook up the radio to HRD with the CAT cable that came with it. (Which didn't work BTW)..My little desktop fan cooled it quickly.

I am worried about this as I got this radio for Mountain Top SOTA operations. Guess I will get one of those little battery operated fans to put in the Go-Bag.

K6CMG

--- In X1M_QRP-Transceiver@yahoogroups.com, "uli_zabe" <uli_zabe@...> wrote:
>
> I think the the hottest parts in receiving operation are the DDS chip AD9850 and the power regulator. In some homebrew projects the AD9850 needs about 150mA at 5V operation.
>
> 73 Uli DF7IY
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Andy" <andreas.fuehrmann@> wrote:
> >
> > Very interesting. Have read before that the X1M is getting warm, but by only receiving? Any idea what is generating such a high temperature?
> > Do we need any additional cooling?
> >
> > 73 Andy DC3AFA
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@> wrote:
> > >
> > > Can't compare them since I never had an early model , but it gets warmer
> > > than anything solid state than I have in the shack .
> > >
> > > I haven't even transmitted yet , due to a busy day , but been listening
> > > all day .
> > >
>

717. Re: CAT Cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 16:07:47 UTC
From: ChristopherG
Topic: 706 Message: 717

Its the CAT cable that I got with the Radio.

--- In X1M_QRP-Transceiver@yahoogroups.com, "Lee" <mr.olson@...> wrote:
>
> Does your CAT cable convert the signals to TTL or just standard signals?
> What brand is your CAT cable?
>
>
>
> Lee - N9LO
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ChristopherG
> Sent: Thursday, August 08, 2013 5:33 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] CAT Cable
>
>
>
>
>
> So, since my laptop didn't have a serial port, I decided to upload HRD onto
> my work computer to test this CAT cable since my work computer has serial
> ports.
>
> HRD cannot seem to connect to the X1M-P with their supplied CAT cable, what
> am I doing wrong?
>
> Im using a 6' extensions between the Computer and the CAT cable which is
> plugged into the radio.
>
> K6CMG
> -Christopher
>

718. external Keyer?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 17:33:12 UTC
From: ChristopherG
Topic: 718 Message: 718

What's the word about using an external Keyer with this X1M-P?
I'm not too fond of the X1M-P's on-board keyer, nor that of the original for that matter. The dits and dahs seem too short for what I am used to. Can this be changed maybe?

I have an external keyer. An SKC keyer to be exact that I build up by buying the chip, and following the schematic. I have this set up to be a practice oscillator and keyer for some other CW rigs that I have.

Don't want to risk pairing the two if I will fry the X1M-P
K6CMG

720. Re: [X1M_QRP-Transceiver] X1M running hot?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 17:41:13 UTC
From: Charlie , W5COV
Topic: 598 Message: 720

I think at this point additional cooling would be a good idea . I hope to get it on the analyzer and the bench for power testing today .

When hooked to a dummy load , it appears this model will only transmit on the 5 ham bands . You get an annoying tone if you try to key the microphone outside the bands , plus no red light on the microphone like you get "in band."

Hopefully there will be a mod for this .

I am also going to have a look inside and turn the sidetone down and see if it is indeed the DDS VFO generating the heat and see if there is a way to possibly add some heat sinking to it .

I am still enthralled with the size of the rig !! I have been advocating a rig pretty much with the features that this one has for the past few years .

This rig should attract many newly licensed people , due to its "high power" and finished product form , and especially a price that "most" anyone involved in ham radio can afford .

Low power 1-2 watt kits , mainly CW , and some kits even priced higher than this , were a HUGE stumbling point , in my opinion for many newly licensed hams . Plus I think at least for beginners , ALL of the radios should be 5 watt rigs . I have seen so many people fall by the side of the road building a Pixie or similar radio , with their chance , if they even know CW , of making even one contact and on a single frequency on a single band being nearly zero . Plus they don't have to know how to solder and build a kit and hope they can get it working , especially if they have no experience at all in even basic electronics.

There is a good opportunity here for some ambitious hams to build many matching accessories to match and go with this rig . They could make a nice little home ham business out of it . I have already built several accessories for mine , while waiting , but wanted to have the radio actually in hand to test them with it . I can't financially afford to start up such a business , so it is a GREAT opportunity for someone . I have an antenna tuner built for it , a different mike , naturally a home brew dummy load , build and offer some antennas , power cords , external speaker , maybe internal heat sinks , won't know until I look inside , small fans , a small handy talkie type slide in bracket for it. The list is unlimited and this rig is destined to be a huge seller !! It DOES need the feet that someone mentioned , to keep from getting it scratched up .

So far it appears it is going to just blow the competition away !!

If I get my testing all done this afternoon , I hope to make a few SSB contacts on about 14.310 or if that band isn't in good shape , maybe around 7.235 , depending on how clear those frequencies are . Likely be after 01:00 UTC . Other frequencies if someone has a better suggestion .

Charlie , W5COV

On 8/9/2013 2:43 AM, Andy wrote:
>
> Very interesting. Have read before that the X1M is getting warm, but
> by only receiving? Any idea what is generating such a high temperature?
> Do we need any additional cooling?
>
> 73 Andy DC3AFA
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, "Charlie , W5COV"
> <cvest@...> wrote:
> >
> > Can't compare them since I never had an early model , but it gets
> warmer
> > than anything solid state than I have in the shack .
> >
> > I haven't even transmitted yet , due to a busy day , but been listening
> > all day .
>
>

721. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 18:16:01 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 721

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Manuals/A Users Guide for the X1M Transceiver.pdf
Uploaded by : deadgoose38 <deadgoose@...>
Description : Plantinum User's Guide - Preliminary

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/A%20Users%20Guide%20for%20the%20X1M%20Transceiver.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

deadgoose38 <deadgoose@...>

722. Re: Reference Manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 18:20:07 UTC
From: W3FIS
Topic: 661 Message: 722

OK gang, the preliminary PDF user's guide (in English English) has been uploaded to the file section. I took the liberty of getting this up, since we have been receiving our radios the last couple of days.

I have done a serious "cut and paste" job on the Chinese manual. I think everything is right, but let me know if either something isn't clear, or I am missing something critical.

Mine has a rather "hot" side tone, and I've not tried out the computer interface at this point.

There are some pretty serious differences between the earlier X1M operation and that of the Platinum one. All for the better, IMHO.

73 /paul W3FIS

723. RE: [X1M_QRP-Transceiver] New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 18:22:20 UTC
From: Lee
Topic: 11 Message: 723

Nice, very nice. Thanks for the hard work.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com]
Sent: Friday, August 09, 2013 1:16 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] New file uploaded to X1M_QRP-Transceiver

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Manuals/A Users Guide for the X1M Transceiver.pdf
Uploaded by : deadgoose38 <deadgoose@...
<mailto:deadgoose%40comcast.net> >
Description : Plantinum User's Guide - Preliminary

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/A%20Users%20
Guide%20for%20the%20X1M%20Transceiver.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

deadgoose38 <deadgoose@... <mailto:deadgoose%40comcast.net> >

724. RE: [X1M_QRP-Transceiver] X1M running hot?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 20:45:40 UTC
From: Fred VE3FAL
Topic: 598 Message: 724

I too hope that it was just the CB portion of the band that was locked out and that the other ham bands are also open on it.

Will have to see.

I noted in Ver. I and Ver. II that they both got very warm, I am sure that with all the DDS in there to make this so small that is where the heat and the current consumption comes from.

I hope y'all are having fun so far that have received your radio.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: August 9, 2013 1:41 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: Andy
Subject: Re: [X1M_QRP-Transceiver] X1M running hot?

I think at this point additional cooling would be a good idea . I hope to get it on the analyzer and the bench for power testing today .

When hooked to a dummy load , it appears this model will only transmit on the 5 ham bands . You get an annoying tone if you try to key the microphone outside the bands , plus no red light on the microphone like you get "in band."

Hopefully there will be a mod for this .

I am also going to have a look inside and turn the sidetone down and see if it is indeed the DDS VFO generating the heat and see if there is a way to possibly add some heat sinking to it .

I am still enthralled with the size of the rig !! I have been advocating a rig pretty much with the features that this one has for the past few years .

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making even one contact and on a single frequency on a single band being nearly zero . Plus they don't have to know how to solder and build a kit and hope they can get it working , especially if they have no experience at all in even basic electronics.

There is a good opportunity here for some ambitious hams to build many matching accessories to match and go with this rig . They could make a nice little home ham business out of it . I have already built several accessories for mine , while waiting , but wanted to have the radio actually in hand to test them with it . I can't financially afford to start up such a business , so it is a GREAT opportunity for someone . I have an antenna tuner built for it , a different mike , naturally a home brew dummy load , build and offer some antennas , power cords , external speaker , maybe internal heat sinks , won't know until I look inside , small fans , a small handy talkie type slide in bracket for it. The list is unlimited and this rig is destined to be a huge seller !! It DOES need the feet that someone mentioned , to keep from getting it scratched up .

So far it appears it is going to just blow the competition away !!

If I get my testing all done this afternoon , I hope to make a few SSB contacts on about 14.310 or if that band isn't in good shape , maybe around 7.235 , depending on how clear those frequencies are . Likely be after 01:00 UTC . Other frequencies if someone has a better suggestion .

Charlie , W5COV

On 8/9/2013 2:43 AM, Andy wrote:

Very interesting. Have read before that the X1M is getting warm, but by only receiving? Any idea what is generating such a high temperature?
Do we need any additional cooling?

73 Andy DC3AFA

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Charlie , W5COV"
<mailto:cvest@...> <cvest@...> wrote:
>
> Can't compare them since I never had an early model , but it gets warmer
> than anything solid state than I have in the shack .
>
> I haven't even transmitted yet , due to a busy day , but been listening
> all day .

725. Re: X1M running hot?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 20:55:33 UTC
From: uli_zabe
Topic: 598 Message: 725

The AD9850/AD9851 is spezified for up to 85°C. I think the chip is running in it's spezified range. The heat could affect some other parts in the rig - let's see.
Don't know how to get an additional air flow in this nice housing without drilling holes in it.
An other way is to increment the voltage for the AD9851 to 3.3V and/or change the power regulator to a switchig power regulator with less losses.
There is enough place for modding the X1M.

73 de Uli / DF7IY

--- In X1M_QRP-Transceiver@yahoogroups.com, "Andy" <andreas.fuehrmann@...> wrote:
>
> So some cooling for this chip may be helpful?
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "uli_zabe" <uli_zabe@> wrote:
> >
> > I think the the hottest parts in receiving operation are the DDS chip AD9850 and the power regulator. In some homebrew projects the AD9850 needs about 150mA at 5V operation.
> >
> > 73 Uli DF7IY
> >
> >
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "Andy" <andreas.fuehrmann@> wrote:
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> > > 73 Andy DC3AFA
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> > > --- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@> wrote:
> > > >
> > > > Can't compare them since I never had an early model , but it gets warmer
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> > > >
> > > > I haven't even transmitted yet , due to a busy day , but been listening
> > > > all day .
> > >
> > >
>

726. Re: [X1M_QRP-Transceiver] Re: X1M running hot?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 21:02:44 UTC
From: Mark Thompson
Topic: 598 Message: 726

I have super glued a penny to the top of the chip. Someone posted this
awhile ago. Seems to help, mine has been like that for 3 months now.
73
Mark (KV8T)
On Aug 9, 2013 11:38 AM, "Andy" <andreas.fuehrmann@...> wrote:

> **
>
>
> So some cooling for this chip may be helpful?
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "uli_zabe" <uli_zabe@...>
> wrote:
> >
> > I think the the hottest parts in receiving operation are the DDS chip
> AD9850 and the power regulator. In some homebrew projects the AD9850 needs
> about 150mA at 5V operation.
> >
> > 73 Uli DF7IY
> >
> >
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "Andy" <andreas.fuehrmann@>
> wrote:
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> > > 73 Andy DC3AFA
> > >
> > > --- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@>
> wrote:
> > > >
> > > > Can't compare them since I never had an early model , but it gets
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> > >
> >
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727. Re: X1M running hot?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 21:14:03 UTC
From: uli_zabe
Topic: 598 Message: 727

But the heat is still inside the housing. The DDS chip is now a little bit cooler, the rest a little bit hotter.

73 de Uli / DF7IY

--- In X1M_QRP-Transceiver@yahoogroups.com, Mark Thompson <mhtent@...> wrote:
>
> I have super glued a penny to the top of the chip. Someone posted this
> awhile ago. Seems to help, mine has been like that for 3 months now.
> 73
> Mark (KV8T)
> On Aug 9, 2013 11:38 AM, "Andy" <andreas.fuehrmann@...> wrote:
>
> > **
> > >
> > >
> > > So some cooling for this chip may be helpful?
> > >
> > > --- In X1M_QRP-Transceiver@yahoogroups.com, "uli_zabe" <uli_zabe@>
> > > wrote:
> > > >
> > > > I think the the hottest parts in receiving operation are the DDS chip
> > > AD9850 and the power regulator. In some homebrew projects the AD9850 needs
> > > about 150mA at 5V operation.
> > > >
> > > > 73 Uli DF7IY
> > > >
> > > >
> > > >
> > > > --- In X1M_QRP-Transceiver@yahoogroups.com, "Andy" <andreas.fuehrmann@>
> > > wrote:
> > > > >
> > > > > Very interesting. Have read before that the X1M is getting warm, but
> > > by only receiving? Any idea what is generating such a high temperature?
> > > > > Do we need any additional cooling?
> > > > >
> > > > > 73 Andy DC3AFA
> > > > >
> > > > > --- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@>
> > > wrote:
> > > > > >
> > > > > > Can't compare them since I never had an early model , but it gets
> > > warmer
> > > > > > than anything solid state than I have in the shack .
> > > > > >

> > > > > I haven't even transmitted yet , due to a busy day , but been
> > listening
> > > > > all day .
> > > >
> > >
> > >
> > >
> >

728. Re: New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 21:23:54 UTC
From: kd4hjt@ymail.com
Topic: 11 Message: 728

Nice job on the manual. Thanks for providing it.

--- In X1M_QRP-Transceiver@yahoogroups.com, "Lee" <mr.olson@...> wrote:
>
> Nice, very nice. Thanks for the hard work.
>
>
>
> Lee - N9LO
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com]
> Sent: Friday, August 09, 2013 1:16 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] New file uploaded to X1M_QRP-Transceiver
>
>
>
>
>
>
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the X1M_QRP-Transceiver
> group.
>
> File : /Manuals/A Users Guide for the X1M Transceiver.pdf
> Uploaded by : deadgoose38 <deadgoose@...
> <mailto:deadgoose%40comcast.net> >
> Description : Plantinum User's Guide - Preliminary
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/A%20Users%20
> Guide%20for%20the%20X1M%20Transceiver.pdf
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
> Regards,
>
> deadgoose38 <deadgoose@... <mailto:deadgoose%40comcast.net> >
>

729. Re: [X1M_QRP-Transceiver] external Keyer?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 21:29:32 UTC
From: Mark Thompson
Topic: 718 Message: 729

I have an older Heathkit keyer. What I did is set the X1M for manual keying. Purchased a mono to stereo adaptor plug from Radio Shack and plug & play. It works great! Just need to turn down the sidetone inside the X1M, it's a little too loud for me.
73
Mark (KV8T)
On Aug 9, 2013 1:33 PM, "ChristopherG" <cgoodman1980@...> wrote:

> **
>
>
> What's the word about using an external Keyer with this X1M-P?
> I'm not too fond of the X1M-P's on-board keyer, nor that of the original
> for that matter. The dits and dahs seem too short for what I am used to.
> Can this be changed maybe?
>
> I have an external keyer. An SKC keyer to be exact that I build up by
> buying the chip, and following the schematic. I have this set up to be a
> practice oscillator and keyer for some other CW rigs that I have.
>
> Don't want to risk pairing the two if I will fry the X1M-P
> K6CMG
>
>
>

730. Re: [X1M_QRP-Transceiver] X1M running hot?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 21:46:21 UTC
From: Charlie , W5COV
Topic: 598 Message: 730

Never thought to try CB , but I just went through all of the other bands and they are all locked out on transmit , including 160 meters , so it is not just the WARC bands . You just have 5 bands now .

Was sure hoping it would remain open since that is one reason that I bought it was to be able to use it as a low power IF radio , and I sometimes have odd IF frequencies . Nothing to allow transmitting anywhere in the MF/LF range that I have found or the MARS frequencies . I am hoping that there is a mod to open up the transmit .

Charlie , W5COV

On 8/9/2013 3:45 PM, Fred VE3FAL wrote:
>
> I too hope that it was just the CB portion of the band that was locked
> out and that the other ham bands are also open on it...
>
> Will have to see.
>
> I noted in Ver. I and Ver. II that they both got very warm, I am sure
> that with all the DDS in there to make this so small that is where the
> heat and the current consumption comes from.
>
> I hope y'all are having fun so far that have received your radio.
>
> Fred
>
> VE3FAL
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Charlie ,
> W5COV
> *Sent:* August 9, 2013 1:41 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Cc:* Andy
> *Subject:* Re: [X1M_QRP-Transceiver] X1M running hot?
>
> I think at this point additional cooling would be a good idea . I hope
> to get it on the analyzer and the bench for power testing today .
>
> When hooked to a dummy load , it appears this model will only transmit
> on the 5 ham bands . You get an annoying tone if you try to key the
> microphone outside the bands , plus no red light on the microphone
> like you get "in band."
>
> Hopefully there will be a mod for this .

>
> I am also going to have a look inside and turn the sidetone down and
> see if it is indeed the DDS VFO generating the heat and see if there
> is a way to possibly add some heat sinking to it .
>
> I am still enthralled with the size of the rig !! I have been
> advocating a rig pretty much with the features that this one has for
> the past few years .
>
> This rig should attract many newly licensed people , due to its "high
> power" and finished product form , and especially a price that "most"
> anyone involved in ham radio can afford .
>
> Low power 1-2 watt kits , mainly CW , and some kits even priced higher
> than this , were a HUGE stumbling point , in my opinion for many newly
> licensed hams . Plus I think at least for beginners , ALL of the
> radios should be 5 watt rigs . I have seen so many people fall by the
> side of the road building a Pixie or similar radio , with their chance
> , if they even know CW , of making even one contact and on a single
> frequency on a single band being nearly zero . Plus they don't have to
> know how to solder and build a kit and hope they can get it working ,
> especially if they have no experience at all in even basic electronics.
>
> There is a good opportunity here for some ambitious hams to build many
> matching accessories to match and go with this rig . They could make a
> nice little home ham business out of it . I have already built several
> accessories for mine , while waiting , but wanted to have the radio
> actually in hand to test them with it . I can't financially afford to
> start up such a business , so it is a GREAT opportunity for someone .
> I have an antenna tuner built for it , a different mike , naturally a
> home brew dummy load , build and offer some antennas , power cords ,
> external speaker , maybe internal heat sinks , won't know until I look
> inside , small fans , a small handy talkie type slide in bracket for
> it. The list is unlimited and this rig is destined to be a huge seller
> !! It DOES need the feet that someone mentioned , to keep from getting
> it scratched up .
>
> So far it appears it is going to just blow the competition away !!
>
> If I get my testing all done this afternoon , I hope to make a few SSB
> contacts on about 14.310 or if that band isn't in good shape , maybe
> around 7.235 , depending on how clear those frequencies are . Likely
> be after 01:00 UTC . Other frequencies if someone has a better
> suggestion .
>
> Charlie , W5COV
>
> On 8/9/2013 2:43 AM, Andy wrote:
>
> Very interesting. Have read before that the X1M is getting warm,

> but by only receiving? Any idea what is generating such a high
> temperature?
> Do we need any additional cooling?
>
> 73 Andy DC3AFA
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, "Charlie , W5COV"
> <cvest@...> <mailto:cvest@...> wrote:
> >
> > Can't compare them since I never had an early model , but it
> gets warmer
> > than anything solid state than I have in the shack .
> >
> > I haven't even transmitted yet , due to a busy day , but been
> listening
> > all day .
>
>

731. Re: [X1M_QRP-Transceiver] X1M running hot?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 21:48:57 UTC
From: Tim
Topic: 598 Message: 731

I looked through the manual that was uploaded, and there appears to be a setting that you can change. Might be a way.

Tim W5FN

>
>
> Never thought to try CB , but I just went through all of the other
> bands and they are all locked out on transmit , including 160 meters ,
> so it is not just the WARC bands . You just have 5 bands now .
>
> Was sure hoping it would remain open since that is one reason that I
> bought it was to be able to use it as a low power IF radio , and I
> sometimes have odd IF frequencies . Nothing to allow transmitting
> anywhere in the MF/LF range that I have found or the MARS frequencies
> . I am hoping that there is a mod to open up the transmit .
>
> Charlie , W5COV
>
> On 8/9/2013 3:45 PM, Fred VE3FAL wrote:
>>
>> I too hope that it was just the CB portion of the band that was
>> locked out and that the other ham bands are also open on it...
>>
>> Will have to see.
>>
>> I noted in Ver. I and Ver. II that they both got very warm, I am sure
>> that with all the DDS in there to make this so small that is where
>> the heat and the current consumption comes from.
>>
>> I hope y'all are having fun so far that have received your radio.
>>
>> Fred
>>
>> VE3FAL
>>
>> *From:*X1M_QRP-Transceiver@yahoogroups.com
>> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Charlie ,
>> W5COV
>> *Sent:* August 9, 2013 1:41 PM
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> *Cc:* Andy
>> *Subject:* Re: [X1M_QRP-Transceiver] X1M running hot?
>>
>> I think at this point additional cooling would be a good idea . I

>> hope to get it on the analyzer and the bench for power testing today .
>>
>> When hooked to a dummy load , it appears this model will only
>> transmit on the 5 ham bands . You get an annoying tone if you try to
>> key the microphone outside the bands , plus no red light on the
>> microphone like you get "in band."
>>
>> Hopefully there will be a mod for this .
>>
>> I am also going to have a look inside and turn the sidetone down and
>> see if it is indeed the DDS VFO generating the heat and see if there
>> is a way to possibly add some heat sinking to it .
>>
>> I am still enthralled with the size of the rig !! I have been
>> advocating a rig pretty much with the features that this one has for
>> the past few years .
>>
>> This rig should attract many newly licensed people , due to its "high
>> power" and finished product form , and especially a price that "most"
>> anyone involved in ham radio can afford .
>>
>> Low power 1-2 watt kits , mainly CW , and some kits even priced
>> higher than this , were a HUGE stumbling point , in my opinion for
>> many newly licensed hams . Plus I think at least for beginners , ALL
>> of the radios should be 5 watt rigs . I have seen so many people fall
>> by the side of the road building a Pixie or similar radio , with
>> their chance , if they even know CW , of making even one contact and
>> on a single frequency on a single band being nearly zero . Plus they
>> don't have to know how to solder and build a kit and hope they can
>> get it working , especially if they have no experience at all in even
>> basic electronics.
>>
>> There is a good opportunity here for some ambitious hams to build
>> many matching accessories to match and go with this rig . They could
>> make a nice little home ham business out of it . I have already built
>> several accessories for mine , while waiting , but wanted to have the
>> radio actually in hand to test them with it . I can't financially
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>> naturally a home brew dummy load , build and offer some antennas ,
>> power cords , external speaker , maybe internal heat sinks , won't
>> know until I look inside , small fans , a small handy talkie type
>> slide in bracket for it. The list is unlimited and this rig is
>> destined to be a huge seller !! It DOES need the feet that someone
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>> SSB contacts on about 14.310 or if that band isn't in good shape ,

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>> Likely be after 01:00 UTC . Other frequencies if someone has a better
>> suggestion .
>>
>> Charlie , W5COV
>>
>> On 8/9/2013 2:43 AM, Andy wrote:
>>
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>> Do we need any additional cooling?
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>> --- In X1M_QRP-Transceiver@yahoogroups.com
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>>
>
>
>
>

732. Re: X1M running hot?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 21:50:16 UTC
From: kd4hjt@ymail.com
Topic: 598 Message: 732

Change system menu 11 from 0 to 1 and save the settings. That will open it up.

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> Never thought to try CB , but I just went through all of the other bands
> and they are all locked out on transmit , including 160 meters , so it
> is not just the WARC bands . You just have 5 bands now .
>
> Was sure hoping it would remain open since that is one reason that I
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>
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> > >
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> > >
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> > >
> > > Fred
> > >
> > > VE3FAL
> > >
> > > *From:*X1M_QRP-Transceiver@yahoogroups.com
> > > [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Charlie ,
> > > W5COV
> > > *Sent:* August 9, 2013 1:41 PM
> > > *To:* X1M_QRP-Transceiver@yahoogroups.com
> > > *Cc:* Andy
> > > *Subject:* Re: [X1M_QRP-Transceiver] X1M running hot?
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> > side of the road building a Pixie or similar radio , with their chance
> > , if they even know CW , of making even one contact and on a single
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> > especially if they have no experience at all in even basic electronics.
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> > matching accessories to match and go with this rig . They could make a
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> > > all day .
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> >
>

733. RE: [X1M_QRP-Transceiver] Re: X1M running hot?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 21:58:19 UTC
From: Fred VE3FAL
Topic: 598 Message: 733

Kinda thought that would be the case to open it up.

This has been tested and true?

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kd4hjt@...
Sent: August 9, 2013 5:50 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: X1M running hot?

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> > VE3FAL
> >
> > *From:*X1M_QRP-Transceiver@yahoogroups.com
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> > [mailto:X1M_QRP-Transceiver@yahoogroups.com
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> > *Cc:* Andy
> > *Subject:* Re: [X1M_QRP-Transceiver] X1M running hot?
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> > If I get my testing all done this afternoon , I hope to make a few SSB
> > contacts on about 14.310 or if that band isn't in good shape , maybe
> > around 7.235 , depending on how clear those frequencies are . Likely
> > be after 01:00 UTC . Other frequencies if someone has a better
> > suggestion .
> >
> > Charlie , W5COV
> >
> > On 8/9/2013 2:43 AM, Andy wrote:
> >
> > Very interesting. Have read before that the X1M is getting warm,
> > but by only receiving? Any idea what is generating such a high
> > temperature?
> > Do we need any additional cooling?
> >
> > 73 Andy DC3AFA
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, "Charlie , W5COV"
> > <cvest@> <mailto:cvest@> wrote:
> > >
> > > Can't compare them since I never had an early model , but it
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> > > I haven't even transmitted yet , due to a busy day , but been
> > listening
> > > all day .
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>

734. Re: X1M running hot?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 22:04:40 UTC
From: kd4hjt@ymail.com
Topic: 598 Message: 734

I have mine open and it works on 60 meters. Just tried CB part of band and it transmits there.

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Kinda thought that would be the case to open it up.
>
>
>
> This has been tested and true?
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kd4hjt@...
> Sent: August 9, 2013 5:50 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Re: X1M running hot?
>
>
>
>
>
>
> Change system menu 11 from 0 to 1 and save the settings. That will open it
> up.
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Charlie , W5COV"
> <cvest@> wrote:
> >
> > Never thought to try CB , but I just went through all of the other bands
> > and they are all locked out on transmit , including 160 meters , so it
> > is not just the WARC bands . You just have 5 bands now .
> >
> > Was sure hoping it would remain open since that is one reason that I
> > bought it was to be able to use it as a low power IF radio , and I
> > sometimes have odd IF frequencies . Nothing to allow transmitting
> > anywhere in the MF/LF range that I have found or the MARS frequencies .
> > I am hoping that there is a mod to open up the transmit .

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> > Charlie , W5COV
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> > > I noted in Ver. I and Ver. II that they both got very warm, I am sure
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> > > I hope y'all are having fun so far that have received your radio.
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> > > W5COV
> > > *Sent:* August 9, 2013 1:41 PM
> > > *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > *Cc:* Andy
> > > *Subject:* Re: [X1M_QRP-Transceiver] X1M running hot?
> > >
> > > I think at this point additional cooling would be a good idea . I hope
> > > to get it on the analyzer and the bench for power testing today .
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> > > like you get "in band."
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> > > Hopefully there will be a mod for this .
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> > > I am also going to have a look inside and turn the sidetone down and
> > > see if it is indeed the DDS VFO generating the heat and see if there
> > > is a way to possibly add some heat sinking to it .
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> > > I am still enthralled with the size of the rig !! I have been
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> > > This rig should attract many newly licensed people , due to its "high

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> > > Low power 1-2 watt kits , mainly CW , and some kits even priced higher
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> > > be after 01:00 UTC . Other frequencies if someone has a better
> > > suggestion .
> > >
> > > Charlie , W5COV
> > >
> > > On 8/9/2013 2:43 AM, Andy wrote:
> > >
> > > Very interesting. Have read before that the X1M is getting warm,
> > > but by only receiving? Any idea what is generating such a high
> > > temperature?
> > > Do we need any additional cooling?
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> > > --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
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> > > listening
> > > > all day .
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735. Re: [X1M_QRP-Transceiver] Re: X1M running hot?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 22:13:47 UTC
From: Charlie , W5COV
Topic: 598 Message: 735

THANKS !! That did the job .

Charlie , W5COV

On 8/9/2013 4:50 PM, kd4hjt@... wrote:
>
> Change system menu 11 from 0 to 1 and save the settings. That will
> open it up.
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, "Charlie , W5COV"
> <cvest@...> wrote:
> >
> > Never thought to try CB , but I just went through all of the other
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> > and they are all locked out on transmit , including 160 meters , so it
> > is not just the WARC bands . You just have 5 bands now .
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> > Was sure hoping it would remain open since that is one reason that I
> > bought it was to be able to use it as a low power IF radio , and I
> > sometimes have odd IF frequencies . Nothing to allow transmitting
> > anywhere in the MF/LF range that I have found or the MARS frequencies .
> > I am hoping that there is a mod to open up the transmit .
> >
> > Charlie , W5COV
> >
> > On 8/9/2013 3:45 PM, Fred VE3FAL wrote:
> > >
> > > I too hope that it was just the CB portion of the band that was
> locked
> > > out and that the other ham bands are also open on it...
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> > > Will have to see.
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> > > I noted in Ver. I and Ver. II that they both got very warm, I am sure
> > > that with all the DDS in there to make this so small that is where
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> > > heat and the current consumption comes from.
> > >
> > > I hope y'all are having fun so far that have received your radio.
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> > > Fred
> > >
> > > VE3FAL
> > >

> > > *From:*X1M_QRP-Transceiver@yahoogroups.com
> <mailto:%2AX1M_QRP-Transceiver%40yahoogroups.com>
> > > [mailto:X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>] *On Behalf Of *Charlie ,
> > > W5COV
> > > *Sent:* August 9, 2013 1:41 PM
> > > *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > *Cc:* Andy
> > > *Subject:* Re: [X1M_QRP-Transceiver] X1M running hot?
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> > > On 8/9/2013 2:43 AM, Andy wrote:
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>

736. Re: X1M running hot?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 22:21:19 UTC
From: kd4hjt@ymail.com
Topic: 598 Message: 736

GREAT! We'll get this thing figured out.

Ray

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> THANKS !! That did the job .
>
> Charlie , W5COV
>
> On 8/9/2013 4:50 PM, kd4hjt@... wrote:
> >
> > Change system menu 11 from 0 to 1 and save the settings. That will
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> > > > W5COV
> > > > *Sent:* August 9, 2013 1:41 PM
> > > > *To:* X1M_QRP-Transceiver@yahoogroups.com
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> > > > *Cc:* Andy
> > > > *Subject:* Re: [X1M_QRP-Transceiver] X1M running hot?
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> > > > > Charlie , W5COV
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> > > > > On 8/9/2013 2:43 AM, Andy wrote:
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> > > > > 73 Andy DC3AFA
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> > > > > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, "Charlie , W5COV"
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> > > >
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>

737. Re: [X1M_QRP-Transceiver] Re: X1M running hot?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 22:27:34 UTC
From: Charlie , W5COV
Topic: 598 Message: 737

Yes I changed it and it opened it up .

THANKS for the manual , will have to read it and see what I have missed on my own .

I am having a ball playing with it and look forward to a lot more portable operation now when I am away from the house. Easy to make a complete tiny little "GO KIT" with it .

They aren't going to be able to keep these in stock for quite a long time , they will be flying through the mail so quickly .

Now maybe I'll even see how many bands I can do WAS on with it even in these terrible conditions . Sure would be nice if we could decide on a "watering hole" for the different bands to work others with them .

Also a weekly net to swap information will get us away from the keyboards and on the air and letting more people know about how much fun they can have for such a good price !!

I rarely get excited about new products after 48 years as a ham , but by golly this little rig does excite me !! Can't wait to start taking it to club meetings and showing it to prospective hams . This "should" really raise the number of people getting a license and then becoming active with a working rig they can afford !!

It will be nice to see a schematic on this new one and see how parts availability is , because at some point some will need to be serviced and I want to really understand this little jewel .

One day finding a dead one , either model , really cheap would be great , so a guy wouldn't be afraid to do some experimenting and playing .

Charlie , W5COV

On 8/9/2013 5:04 PM, kd4hjt@... wrote:
>
> I have mine open and it works on 60 meters. Just tried CB part of band
> and it transmits there.
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, "Fred VE3FAL"
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> > > anywhere in the MF/LF range that I have found or the MARS
> frequencies .
> > > I am hoping that there is a mod to open up the transmit .
> > >
> > > Charlie , W5COV
> > >
> > > On 8/9/2013 3:45 PM, Fred VE3FAL wrote:
> > > >

> > > > I too hope that it was just the CB portion of the band that was
> locked
> > > > > out and that the other ham bands are also open on it...
> > > > >
> > > > > Will have to see.
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> > > > > I noted in Ver. I and Ver. II that they both got very warm, I am
> sure
> > > > > that with all the DDS in there to make this so small that is
> where the
> > > > > heat and the current consumption comes from.
> > > > >
> > > > > I hope y'all are having fun so far that have received your radio.
> > > > >
> > > > > Fred
> > > > >
> > > > > VE3FAL
> > > > >
> > > > > *From:*X1M_QRP-Transceiver@yahoogroups.com
> <mailto:%2AX1M_QRP-Transceiver%40yahoogroups.com>
> > <mailto:%2AX1M_QRP-Transceiver%40yahoogroups.com>
> > > > > [mailto:X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>] *On Behalf Of
> *Charlie ,
> > > > > W5COV
> > > > > *Sent:* August 9, 2013 1:41 PM
> > > > > *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > > > *Cc:* Andy
> > > > > *Subject:* Re: [X1M_QRP-Transceiver] X1M running hot?
> > > > >
> > > > > I think at this point additional cooling would be a good idea .
> I hope
> > > > > to get it on the analyzer and the bench for power testing today .
> > > > >
> > > > > When hooked to a dummy load , it appears this model will only
> transmit
> > > > > on the 5 ham bands . You get an annoying tone if you try to key the
> > > > > microphone outside the bands , plus no red light on the microphone
> > > > > like you get "in band."
> > > > >
> > > > > Hopefully there will be a mod for this .
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> > > > > I am also going to have a look inside and turn the sidetone down
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> > > > > see if it is indeed the DDS VFO generating the heat and see if
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> > > > > is a way to possibly add some heat sinking to it .

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> > > > I am still enthralled with the size of the rig !! I have been
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> > > > , if they even know CW , of making even one contact and on a single
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> > > > especially if they have no experience at all in even basic
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> > > >
> > > > There is a good opportunity here for some ambitious hams to
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> > > > actually in hand to test them with it . I can't financially
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> > > > start up such a business , so it is a GREAT opportunity for
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> > > > I have an antenna tuner built for it , a different mike ,
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> > > > home brew dummy load , build and offer some antennas , power
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> > > > external speaker , maybe internal heat sinks , won't know until
> I look
> > > > inside , small fans , a small handy talkie type slide in bracket
> for
> > > > it. The list is unlimited and this rig is destined to be a huge
> seller

> > > > !! It DOES need the feet that someone mentioned , to keep from
> getting
> > > > it scratched up .
> > > >
> > > > So far it appears it is going to just blow the competition away !!
> > > >
> > > > If I get my testing all done this afternoon , I hope to make a
> few SSB
> > > > contacts on about 14.310 or if that band isn't in good shape ,
> maybe
> > > > around 7.235 , depending on how clear those frequencies are .
> Likely
> > > > be after 01:00 UTC . Other frequencies if someone has a better
> > > > suggestion .
> > > >
> > > > Charlie , W5COV
> > > >
> > > > On 8/9/2013 2:43 AM, Andy wrote:
> > > >
> > > > Very interesting. Have read before that the X1M is getting warm,
> > > > but by only receiving? Any idea what is generating such a high
> > > > temperature?
> > > > Do we need any additional cooling?
> > > >
> > > > 73 Andy DC3AFA
> > > >
> > > > --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, "Charlie , W5COV"
> > > > <cvest@> <mailto:cvest@> wrote:
> > > > >
> > > > > Can't compare them since I never had an early model , but it
> > > > gets warmer
> > > > > than anything solid state than I have in the shack .
> > > > >
> > > > > I haven't even transmitted yet , due to a busy day , but been
> > > > listening
> > > > > all day .
> > > > >
> > > > >
> > > >
> > >
>
>

738. RE: [X1M_QRP-Transceiver] Re: X1M running hot?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 22:41:19 UTC
From: Fred VE3FAL
Topic: 598 Message: 738

Thanks guys it is a great little radio for sure.. Every time I open one up I can't believe how compact it is and what it is capable of doing.

Have fun playing and experimenting folks.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: August 9, 2013 6:28 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: kd4hjt@...
Subject: Re: [X1M_QRP-Transceiver] Re: X1M running hot?

Yes I changed it and it opened it up .

THANKS for the manual , will have to read it and see what I have missed on my own .

I am having a ball playing with it and look forward to a lot more portable operation now when I am away from the house. Easy to make a complete tiny little "GO KIT" with it .

They aren't going to be able to keep these in stock for quite a long time , they will be flying through the mail so quickly .

Now maybe I'll even see how many bands I can do WAS on with it even in these terrible conditions . Sure would be nice if we could decide on a "watering hole" for the different bands to work others with them .

Also a weekly net to swap information will get us away from the keyboards and on the air and letting more people know about how much fun they can have for such a good price !!

I rarely get excited about new products after 48 years as a ham , but by golly this little rig does excite me !! Can't wait to start taking it to club meetings and showing it to prospective hams . This "should" really raise the number of people getting a license and then becoming active with a working rig they can afford !!

It will be nice to see a schematic on this new one and see how parts availability is , because at some point some will need to be serviced and I want to really understand this little jewel .

One day finding a dead one , either model , really cheap would be great , so a guy wouldn't be afraid to do some experimenting and playing .

Charlie , W5COV

On 8/9/2013 5:04 PM, kd4hjt@... wrote:

I have mine open and it works on 60 meters. Just tried CB part of band and
it transmits there.

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL"
<mailto:flesnick@...> <flesnick@...> wrote:
>
> Kinda thought that would be the case to open it up.
>
>
>
> This has been tested and true?
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of kd4hjt@...
> Sent: August 9, 2013 5:50 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> Subject: [X1M_QRP-Transceiver] Re: X1M running hot?
>
>
>
>
>
> Change system menu 11 from 0 to 1 and save the settings. That will open it
> up.
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Charlie , W5COV"
> <cvest@> wrote:
> >
> > Never thought to try CB , but I just went through all of the other bands

> > and they are all locked out on transmit , including 160 meters , so it
> > is not just the WARC bands . You just have 5 bands now .
> >

> > Was sure hoping it would remain open since that is one reason that I
> > bought it was to be able to use it as a low power IF radio , and I
> > sometimes have odd IF frequencies . Nothing to allow transmitting
> > anywhere in the MF/LF range that I have found or the MARS frequencies .
> > I am hoping that there is a mod to open up the transmit .
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> > Charlie , W5COV
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> > > Will have to see.
> > >
> > > I noted in Ver. I and Ver. II that they both got very warm, I am sure
> > > that with all the DDS in there to make this so small that is where the

> > > heat and the current consumption comes from.
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> > > I hope y'all are having fun so far that have received your radio.
> > >
> > > Fred
> > >
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> > >
> > > *From:*X1M_QRP-Transceiver@yahoogroups.com
<mailto:%2AX1M_QRP-Transceiver%40yahoogroups.com>
> <mailto:%2AX1M_QRP-Transceiver%40yahoogroups.com>
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> > > [mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>] *On Behalf Of *Charlie ,
> > > W5COV
> > > *Sent:* August 9, 2013 1:41 PM
> > > *To:* X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > *Cc:* Andy
> > > *Subject:* Re: [X1M_QRP-Transceiver] X1M running hot?
> > >
> > > I think at this point additional cooling would be a good idea . I hope

> > > to get it on the analyzer and the bench for power testing today .
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> > > on the 5 ham bands . You get an annoying tone if you try to key the
> > > microphone outside the bands , plus no red light on the microphone
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> > > Hopefully there will be a mod for this .
> > >
> > > I am also going to have a look inside and turn the sidetone down and
> > > see if it is indeed the DDS VFO generating the heat and see if there
> > > is a way to possibly add some heat sinking to it .
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> > > I am still enthralled with the size of the rig !! I have been
> > > advocating a rig pretty much with the features that this one has for
> > > the past few years .
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> > > This rig should attract many newly licensed people , due to its "high
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> > > anyone involved in ham radio can afford .
> > >
> > > Low power 1-2 watt kits , mainly CW , and some kits even priced higher

> > > than this , were a HUGE stumbling point , in my opinion for many newly

> > > licensed hams . Plus I think at least for beginners , ALL of the
> > > radios should be 5 watt rigs . I have seen so many people fall by the
> > > side of the road building a Pixie or similar radio , with their chance

> > > , if they even know CW , of making even one contact and on a single
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> > > There is a good opportunity here for some ambitious hams to build many

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> > > accessories for mine , while waiting , but wanted to have the radio
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> > > start up such a business , so it is a GREAT opportunity for someone .
> > > I have an antenna tuner built for it , a different mike , naturally a
> > > home brew dummy load , build and offer some antennas , power cords ,
> > > external speaker , maybe internal heat sinks , won't know until I look

> > > inside , small fans , a small handy talkie type slide in bracket for
> > > it. The list is unlimited and this rig is destined to be a huge seller

> > > !! It DOES need the feet that someone mentioned , to keep from getting

> > > it scratched up .
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> > > So far it appears it is going to just blow the competition away !!

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> > > If I get my testing all done this afternoon , I hope to make a few SSB

> > > contacts on about 14.310 or if that band isn't in good shape , maybe
> > > around 7.235 , depending on how clear those frequencies are . Likely
> > > be after 01:00 UTC . Other frequencies if someone has a better
> > > suggestion .
> > >
> > > Charlie , W5COV
> > >
> > > On 8/9/2013 2:43 AM, Andy wrote:
> > >
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> > > but by only receiving? Any idea what is generating such a high
> > > temperature?
> > > Do we need any additional cooling?
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> > >
> > > --- In X1M_QRP-Transceiver@yahoogroups.com
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<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>, "Charlie , W5COV"
> > > <cvest@> <mailto:cvest@> <mailto:cvest@> wrote:
> > > >
> > > > Can't compare them since I never had an early model , but it
> > > gets warmer
> > > > than anything solid state than I have in the shack .
> > > >
> > > > I haven't even transmitted yet , due to a busy day , but been
> > > listening
> > > > all day .
> > >
> > >
> >
>

739. Re: external Keyer?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 23:24:51 UTC
From: ChristopherG
Topic: 718 Message: 739

Thanks, And I agree about the side-tone being too loud...might be a matter of adjusting a resistor on the inside....Thought they might fix this issue since we griped about it in the previous model.
-Christopher

--- In X1M_QRP-Transceiver@yahoogroups.com, Mark Thompson <mhtent@...> wrote:
>
> I have an older Heathkit keyer. What I did is set the X1M for manual
> keying. Purchased a mono to stereo adaptor plug from Radio Shack and plug &
> play. It works great! Just need to turn down the sidetone inside the X1M,
> it's a little too loud for me.
> 73
> Mark (KV8T)
> On Aug 9, 2013 1:33 PM, "ChristopherG" <cgoodman1980@...> wrote:
>
> > **
> > >
> > >
> > > What's the word about using an external Keyer with this X1M-P?
> > > I'm not too fond of the X1M-P's on-board keyer, nor that of the original
> > > for that matter. The dits and dahs seem too short for what I am used to.
> > > Can this be changed maybe?
> > >
> > > I have an external keyer. An SKC keyer to be exact that I build up by
> > > buying the chip, and following the schematic. I have this set up to be a
> > > practice oscillator and keyer for some other CW rigs that I have.
> > >
> > > Don't want to risk pairing the two if I will fry the X1M-P
> > > K6CMG
> > >
> > >
> > >
>

740. RE: [X1M_QRP-Transceiver] Re: external Keyer?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-09 23:33:40 UTC
From: Fred VE3FAL
Topic: 718 Message: 740

Yep it is a small pot inside that can be adjusted.pictures are in files section..

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ChristopherG
Sent: August 9, 2013 7:25 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: external Keyer?

Thanks, And I agree about the side-tone being too loud...might be a matter of adjusting a resistor on the inside....Thought they might fix this issue since we griped about it in the previous model.
-Christopher

--- In X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , Mark Thompson <mhtent@...> wrote:
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> it's a little too loud for me.
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> Mark (KV8T)
> On Aug 9, 2013 1:33 PM, "ChristopherG" <cgoodman1980@...> wrote:
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> > **
> > >
> > >
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> > Can this be changed maybe?
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> > I have an external keyer. An SKC keyer to be exact that I build up by
> > buying the chip, and following the schematic. I have this set up to be a
> > practice oscillator and keyer for some other CW rigs that I have.
> > >
> > Don't want to risk pairing the two if I will fry the X1M-P
> > K6CMG
> > >

> >
> >
>

741. Microphone wiring.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 00:40:24 UTC
From: Lee - N9LO
Topic: 741 Message: 741

My new radio got here this afternoon ant it receives great but when I plug the Micrphone in the speaker goes silent. I opened up the mic plug and the red wire goes to the tip, yellow to the ring and nothing to the ground. Could some open up their mic plug and let me know? Thanks.

Also I see my display angles a little to the right. I will see if I can move it a little.

Lee - N9LO

742. Audio Level and Hiss

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 01:53:31 UTC
From: wstearns@rocketmail.com
Topic: 742 Message: 742

I received my X1M platinum yesterday, but my unit has little to no audio through the speaker or headphone jack. And when you crank it up so you get low levels of audio and louder hiss sound. The hiss appears to be from the unit, not from the band when comparing to my other radios. As of now the unit really isn't usable, so waiting to hear back from Ed on a course of action. Anyone else experience this? Is there a fix?

73 de NE4RD

743. Re: [X1M_QRP-Transceiver] Microphone wiring.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 02:01:58 UTC
From: Charlie , W5COV
Topic: 741 Message: 743

Black goes to ground and white is not used .

Charlie , W5COV

On 8/9/2013 7:40 PM, Lee - N9LO wrote:
>
> My new radio got here this afternoon ant it receives great but when I
> plug the Micrphone in the speaker goes silent. I opened up the mic
> plug and the red wire goes to the tip, yellow to the ring and nothing
> to the ground. Could some open up their mic plug and let me know? Thanks.
>
> Also I see my display angles a little to the right. I will see if I
> can move it a little.
>
> Lee - N9LO
>
>

744. Re: [X1M_QRP-Transceiver] Audio Level and Hiss

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 02:12:54 UTC
From: Charlie , W5COV
Topic: 742 Message: 744

I had to lay my ear on the speaker to hear just white noise when I first received it and hooked it up . However I did not have any antenna hooked to it . When I plugged in my G5RV , it came to life and I am listening to it on 40 meters right now and am running less than half volume .

I also have the attenuator off and the preamp on .

Also have you tried a full reset ?

Charlie , W5COV

On 8/9/2013 8:53 PM, wstearns@... wrote:
>
> I received my X1M platinum yesterday, but my unit has little to no
> audio through the speaker or headphone jack. And when you crank it up
> so you get low levels of audio and louder hiss sound. The hiss appears
> to be from the unit, not from the band when comparing to my other
> radios. As of now the unit really isn't usable, so waiting to hear
> back from Ed on a course of action. Anyone else experience this? Is
> there a fix?
>
> 73 de NE4RD
>
>

745. RE: [X1M_QRP-Transceiver] Microphone wiring.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 03:16:46 UTC
From: Lee
Topic: 741 Message: 745

In my microphone there is no white and I did find the black wire connected under the other wires. Whit I did figure out is that the Yellow wire was connected to the ring and it is really the speaker wire and the green wire which is the PTT was not being used. A quick switch and all is well.

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: Friday, August 09, 2013 9:02 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: Lee - N9LO
Subject: Re: [X1M_QRP-Transceiver] Microphone wiring.

Black goes to ground and white is not used .

Charlie , W5COV

On 8/9/2013 7:40 PM, Lee - N9LO wrote:

My new radio got here this afternoon ant it receives great but when I plug the Micrphone in the speaker goes silent. I opened up the mic plug and the red wire goes to the tip, yellow to the ring and nothing to the ground. Could some open up their mic plug and let me know? Thanks.

Also I see my display angles a little to the right. I will see if I can move it a little.

Lee - N9LO

746. Re: [X1M_QRP-Transceiver] Microphone wiring.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 03:30:46 UTC
From: Charlie , W5COV
Topic: 741 Message: 746

Very good Lee , glad that you managed to get it going . I can barely see the end of a white wire sticking out of the jacket . Since it is a repurposed speaker / mic I guess it is for the speaker .Looks like the color coding is not standard . I don't have a green wire . I have red , yellow , black , and the white that isn't used .

Glad people are posting their problems and solutions on the group here , since there seems to be some minor differences and just our exchange may help someone later on . At least they now know how two of the microphones with different colored wires are used .

Good DX .

Charlie

On 8/9/2013 10:16 PM, Lee wrote:
>
> In my microphone there is no white and I did find the black wire
> connected under the other wires. Whit I did figure out is that the
> Yellow wire was connected to the ring and it is really the speaker
> wire and the green wire which is the PTT was not being used. A quick
> switch and all is well.
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Charlie ,
> W5COV
> *Sent:* Friday, August 09, 2013 9:02 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Cc:* Lee - N9LO
> *Subject:* Re: [X1M_QRP-Transceiver] Microphone wiring.
>
> Black goes to ground and white is not used .
>
> Charlie , W5COV
>
> On 8/9/2013 7:40 PM, Lee - N9LO wrote:
>
> My new radio got here this afternoon ant it receives great but
> when I plug the Micrphone in the speaker goes silent. I opened up
> the mic plug and the red wire goes to the tip, yellow to the ring
> and nothing to the ground. Could some open up their mic plug and
> let me know? Thanks.
>
> Also I see my display angles a little to the right. I will see if
> I can move it a little.
>

> Lee - N9LO
>
>

747. RE: [X1M_QRP-Transceiver] CAT Cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 04:58:24 UTC
From: Lee
Topic: 706 Message: 747

I opened up the CAT cable that came with my X1M-P I got today and inside was a small board with a MAX232 IC on it. I' try connecting it to a serial - USB adapter to see I can get HRD to work.

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ChristopherG
Sent: Thursday, August 08, 2013 5:33 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] CAT Cable

So, since my laptop didn't have a serial port, I decided to upload HRD onto my work computer to test this CAT cable since my work computer has serial ports.

HRD cannot seem to connect to the X1M-P with their supplied CAT cable, what am I doing wrong?

Im using a 6' extensions between the Computer and the CAT cable which is plugged into the radio.

K6CMG
-Christopher

748. Re: Reference Manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 07:33:31 UTC
From: pezcat19
Topic: 661 Message: 748

Thanks! Great job!

A short "technical supplement" which includes things like the sidetone adjustment, Microphone and CAT pinout details, etc would be a great addition to this.

Over the coming weeks I am sure most things will be covered on the group in one way or another, so it would be great to capture this in a single document.

I can't wait for my X1M-P to arrive here in VK land! :)

73

Perrin VK3XPT

749. Re: X1M running hot?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 11:34:14 UTC
From: w2ndg_neil
Topic: 598 Message: 749

Be careful with using these unlocked. The first models were putting out some good-sized out of band spurs when used outside of the filtered areas. I know on mine, you can hear the relays click as you cross in and out of the filtered ranges. One way to tell, is that your antenna tuner will find multiple "solutions" when you are using it out of band. This was all discussed earlier in the forum. The spurs seem to be about 9MHz above the Xmit frequency. Read this post all the way through:

http://groups.yahoo.com/group/X1M_QRP-Transceiver/message/392

I observed similar behavior in my X1M. Just be aware that you may need some outboard filtering on the WARC bands.

--Neil W2NDG

--- In X1M_QRP-Transceiver@yahoogroups.com, "kd4hjt@..." <kd4hjt@...> wrote:
>
> I have mine open and it works on 60 meters. Just tried CB part of band and it transmits there.

750. RE: [X1M_QRP-Transceiver] CAT Cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 11:43:45 UTC
From: Fred VE3FAL
Topic: 706 Message: 750

Lee been there and done it, I posted the pictures of the cable in the files section as well of the chip and wiring. I have had no luck getting HRD to work or any other program as well with that cable..

Will have to keep trying and see what happens, just wish a cable was made to USB as my newer Samsung and netbook do not have anything but USB

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
Sent: August 10, 2013 12:58 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] CAT Cable

I opened up the CAT cable that came with my X1M-P I got today and inside was a small board with a MAX232 IC on it. I' try connecting it to a serial - USB adapter to see I can get HRD to work.

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ChristopherG
Sent: Thursday, August 08, 2013 5:33 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] CAT Cable

So, since my laptop didn't have a serial port, I decided to upload HRD onto my work computer to test this CAT cable since my work computer has serial ports.

HRD cannot seem to connect to the X1M-P with their supplied CAT cable, what am I doing wrong?

Im using a 6' extensions between the Computer and the CAT cable which is plugged into the radio.

K6CMG
-Christopher

751. Re: CAT Cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 13:13:08 UTC
From: kd4hjt@ymail.com
Topic: 706 Message: 751

USB would be nice for use on my 10" netbook. Standard port does work on mine. Had no problem getting HRD to work on an older Dell laptop with 9 pin port. Auto detect speed, Check RTS and DTR flow control, popped right up.

Ray , KD4HJT

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Lee been there and done it, I posted the pictures of the cable in the files
> section as well of the chip and wiring. I have had no luck getting HRD to
> work or any other program as well with that cable..
>
> Will have to keep trying and see what happens, just wish a cable was made to
> USB as my newer Samsung and netbook do not have anything but USB
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
> Sent: August 10, 2013 12:58 AM
> To: X1M_QRP-Transceiver@...m
> Subject: RE: [X1M_QRP-Transceiver] CAT Cable
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> I opened up the CAT cable that came with my X1M-P I got today and inside was
> a small board with a MAX232 IC on it. I' try connecting it to a serial -
> USB adapter to see I can get HRD to work.
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> Sent: Thursday, August 08, 2013 5:33 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
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> So, since my laptop didn't have a serial port, I decided to upload HRD onto
> my work computer to test this CAT cable since my work computer has serial
> ports.
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> HRD cannot seem to connect to the X1M-P with their supplied CAT cable, what
> am I doing wrong?
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> Im using a 6' extensions between the Computer and the CAT cable which is
> plugged into the radio.
>
> K6CMG
> -Christopher
>

752. RE: [X1M_QRP-Transceiver] Re: CAT Cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 13:27:50 UTC
From: Fred VE3FAL
Topic: 706 Message: 752

I have an older dell that now has backlight(display) issues, can barely see, would fix it but not sure if it is worth it, that was my dedicated EMCOMM digital laptop, then when it crashed just grabbed a netbook to do what I needed.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kd4hjt@...
Sent: August 10, 2013 9:13 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: CAT Cable

USB would be nice for use on my 10" netbook. Standard port does work on mine. Had no problem getting HRD to work on an older Dell laptop with 9 pin port. Auto detect speed, Check RTS and DTR flow control, popped right up.

Ray , KD4HJT

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL"
<flesnick@...> wrote:
>
> Lee been there and done it, I posted the pictures of the cable in the files
> section as well of the chip and wiring. I have had no luck getting HRD to
> work or any other program as well with that cable..
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> Will have to keep trying and see what happens, just wish a cable was made to
> USB as my newer Samsung and netbook do not have anything but USB
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>
>
> Fred
>
> VE3FAL
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>
> From: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of Lee

> Sent: August 10, 2013 12:58 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> Subject: RE: [X1M_QRP-Transceiver] CAT Cable
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> I opened up the CAT cable that came with my X1M-P I got today and inside
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<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> Subject: [X1M_QRP-Transceiver] CAT Cable
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what
> am I doing wrong?
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> Im using a 6' extensions between the Computer and the CAT cable which is
> plugged into the radio.
>
> K6CMG
> -Christopher
>

753. Re: CAT Cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 13:49:37 UTC
From: kd4hjt@ymail.com
Topic: 706 Message: 753

Probably not worth it Fred. We'll figure out the usb problem. I may order a couple of converters and see what I can get going on the netbook. It will be nice to keep everything small.

Ray

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> I have an older dell that now has backlight(display) issues, can barely see,
> would fix it but not sure if it is worth it, that was my dedicated EMCOMM
> digital laptop, then when it crashed just grabbed a netbook to do what I
> needed.
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>
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> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kd4hjt@...
> Sent: August 10, 2013 9:13 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Re: CAT Cable
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> Ray , KD4HJT
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL"
> <flesnick@> wrote:
> >
> > Lee been there and done it, I posted the pictures of the cable in the
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> >
> >
> > Fred
> >
> > VE3FAL
> >
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> >
> > From: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > [mailto:X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of Lee
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> > To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > Subject: RE: [X1M_QRP-Transceiver] CAT Cable
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> > From: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > [mailto:X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of ChristopherG
> > Sent: Thursday, August 08, 2013 5:33 PM
> > To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > Subject: [X1M_QRP-Transceiver] CAT Cable
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> what
> > am I doing wrong?
> >
> > Im using a 6' extensions between the Computer and the CAT cable which is
> > plugged into the radio.
> >
> > K6CMG
> > -Christopher
> >
>

754. Re: Audio Level and Hiss

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 13:54:39 UTC
From: Paul W. Ross
Topic: 742 Message: 754

Attenuator is NOT implemented. See our preliminary manual.....

Mine got hung up once, and a full reset restored things to normal.

This has been my experience with all of my various embedded processor radios (Yaesu, Baofeng, Wouxun)

73 /paul W3FIS

755. Re: Reference Manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 14:00:35 UTC
From: Paul W. Ross
Topic: 661 Message: 755

Microphone pin out is down toward the end. I checked my microphone with a multimeter.

Will discuss side tone when I am confident about how to get the case off (notorious screw on the bottom issue). There is an image posted of the insides. I would expect that to be pretty much the same in the new one.

I haven't gotten the CAT cable to work yet. I need to install the driver for my RS232 to USB cable converter. No joy yesterday, but have only had the radio less than 48 hours!

We "pre wrote" the manual, using the structure of the first version manual, and art clips out of the "Chinese English" Platinum manual. Then, went over the details. Concepts the same between the two radios, but implementation quite different.

We need a good photo of the BACK of the unit. One in the manual is for the older/European version. Can somebody provide one? Send to me off list.... JPG or BMP will do nicely. deadgoose@....

73 /paul W3FIS

756. Re: X1M running hot?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 14:04:09 UTC
From: Paul W. Ross
Topic: 598 Message: 756

We didn't put anything in the initial manual about running out-of-band. As shipped, if you try a WARC band -- I tried 30 MHz -- you get a nasty "Beep Beep," and no transmit. I need to set parameter 11 and see what happens.

What is the opinion of the group? We have a legal/ethical issue here. I would prefer NOT to discuss it? That sort of goes in "at your own risk" issue.

Also, do we void the warranty if we open the case to set the side tone level? BTW, HOW do you open the case -- I am aware of the screw on the bottom issue...

73 /paul W3FIS

757. RE: [X1M_QRP-Transceiver] Re: Reference Manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 14:06:19 UTC
From: Rick Pemble
Topic: 661 Message: 757

Here is a link to drivers that was on the page I bought my USB to TTL cable.

It has numerous drivers wrapped up in the ZIP file - and some docs.
Including a test routine.

These should work for all CP2010x chips that are normally used inside the
USB connector for the conversion.

Hope one of them work for you and everyone who bought one from someone that
didn't give them a driver.

http://www.uctronics.com/download/U0699_PL2303HX_Download_Cable.zip

Rick

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Paul W. Ross
Sent: Saturday, August 10, 2013 10:01
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Reference Manual

Microphone pin out is down toward the end. I checked my microphone with
a multimeter.

Will discuss side tone when I am confident about how to get the case off
(notorious screw on the bottom issue). There is an image posted of the
insides. I would expect that to be pretty much the same in the new one.

I haven't gotten the CAT cable to work yet. I need to install the driver
for my RS232 to USB cable converter. No joy yesterday, but have only had
the radio less than 48 hours!

We "pre wrote" the manual, using the structure of the first version
manual, and art clips out of the "Chinese English" Platinum manual.
Then, went over the details. Concepts the same between the two radios,
but implementation quite different.

We need a good photo of the BACK of the unit. One in the manual is for
the older/European version. Can somebody provide one? Send to me off
list.... JPG or BMP will do nicely. deadgoose@...
<mailto:deadgoose%40comcast.net> .

73 /paul W3FIS

758. Re: Reference Manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 15:14:41 UTC
From: W3FIS
Topic: 661 Message: 758

OK, case removal (really easy!) from Fred ---

1. Disconnect all wiring.

2. Slip both knobs off -- may require a little persuasion from a thin item, like jack knife blade.

3. Remove the nuts on the volume control and frequency adjustment shafts.

4. Remove all four screws on front panel.

5. Remove ONLY two top screws on the back panel.

6. Case simply slides forward!

2.5 mm Allen wrench or 3/32" does the trick. 2.5 is a better fit.

Re-assembly -- reverse the procedure.

Now, for the $64 question -- the board layout is different than in the older version. WHICH pot is the side tone adjustment? Should be the left hand one (when looking from the front of the radio).

73 /paul W3FIS

759. Re: Reference Manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 15:56:48 UTC
From: W3FIS
Topic: 661 Message: 759

OK! We have photos of the rear panel, so that issue is nicely resolved. Thanks!

Next item -- WHICH pot is used for adjusting side tone? Likely left-hand one, from the display end. Board is different in this model versus older one.

Is the pot a single or multiple turn pot???

Thanks in advance!

73 /paul W3FIS

760. New version of X1M programmed for North American band limits?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 17:01:26 UTC
From: sbjohnston@...
Topic: 760 Message: 760

Can anyone confirm if the new version of the X1M is programmed to engage the output filtering properly for the North American band limits?

Thanks...

Steve WD8DAS

sbjohnston@...
http://www.wd8das.net/

Radio is your best entertainment value.
---

761. Re: Reference Manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 17:54:30 UTC
From: kd4hjt@ymail.com
Topic: 661 Message: 761

Multi turn pot on the left. Turned 90 degrees clockwise on mine.
Be very careful with the volume control knob, Mine was very tight and pulled out the shaft. Have it back together but it will not lock into place. New control needed.

Ray, KD4HJT

--- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@...> wrote:
>
> OK! We have photos of the rear panel, so that issue is nicely resolved. Thanks!
>
> Next item -- WHICH pot is used for adjusting side tone? Likely left-hand one, from the display end. Board is different in this model versus older one.
>
> Is the pot a single or multiple turn pot???
>
> Thanks in advance!
>
> 73 /paul W3FIS
>

762. 1/8 to 1/4 watt power

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 18:35:00 UTC
From: ChristopherG
Topic: 762 Message: 762

I thought these things were supposed to be tested? Unless there is a tx power adjustment that i dont know about? Mines a dud.
K6CMG

763. Re: 1/8 to 1/4 watt power

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 18:45:19 UTC
From: kd4hjt@ymail.com
Topic: 762 Message: 763

Not a lot of swing on SSB on mine. CW good 4.5 watts.

--- In X1M_QRP-Transceiver@yahoogroups.com, "ChristopherG" <cgoodman1980@...> wrote:
>
> I thought these things were supposed to be tested? Unless there is a tx power adjustment that i dont know about? Mines a dud.
> K6CMG
>

764. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 19:06:15 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 764

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Manuals/A Users Guide for the X1M Transceiver.pdf
Uploaded by : deadgoose38 <deadgoose@...>
Description : Revised user guide

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/A%20Users%20Guide%20for%20the%20X1M%20Transceiver.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

deadgoose38 <deadgoose@...>

765. Re: Reference Manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 19:08:35 UTC
From: W3FIS
Topic: 661 Message: 765

--- In X1M_QRP-Transceiver@yahoogroups.com, "kd4hjt@..." <kd4hjt@...> wrote:
>
> Multi turn pot on the left. Turned 90 degrees clockwise on mine.
> Be very careful with the volume control knob, Mine was very tight and pulled out the shaft. Have it back together but it will not lock into place. New control needed.

OK, will note in next set of revisions. Posted new version with all I know today. Have gotten HRD to work!

Moving right along!!

/paul
> > Is the pot a single or multiple turn pot???
> >
> > Thanks in advance!
> >
> > 73 /paul W3FIS
> >
>

766. Re: [X1M_QRP-Transceiver] 1/8 to 1/4 watt power

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 19:08:39 UTC
From: Charlie , W5COV
Topic: 762 Message: 766

Can you give us some more details ? What you were using to measure the power with , what kind of load or antenna that you were using , and is it the same on all of the 5 bands ? Also mode being used and supply voltage measured under load , i.e. transmit position , along with current readings .

Charlie , W5COV

On 8/10/2013 1:35 PM, ChristopherG wrote:
>
> I thought these things were supposed to be tested? Unless there is a
> tx power adjustment that i dont know about? Mines a dud.
> K6CMG
>
>

767. Re: CAT Cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 19:13:26 UTC
From: Lee - N9LO
Topic: 706 Message: 767

I have a cheap USB to serial adapter and connected it to the supplied CAT cable and could not get the radio to connect to Ham Radio Deluxe. What did work was the $2.11 eBay USB to TTL serial cable that I soldered to a DB9 connector. The converter is built in to the USB end of the cable. I wired the DB9 using info from message 430. I did notice that some of the eBay ads say green is TX and white is RX and some say the opposite. At first my cable did not work so I just flipped the wires on pins 2 and 3.

Lee - N9LO

--- In X1M_QRP-Transceiver@yahoogroups.com, "kd4hjt@..." <kd4hjt@...> wrote:
>
> Probably not worth it Fred. We'll figure out the usb problem. I may order a couple of converters and see what I can get going on the netbook. It will be nice to keep everything small.
>
> Ray
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@> wrote:
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> > I have an older dell that now has backlight(display) issues, can barely see,
> > would fix it but not sure if it is worth it, that was my dedicated EMCOMM
> > digital laptop, then when it crashed just grabbed a netbook to do what I
> > needed.
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> > Fred
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> > VE3FAL
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> >
> > From: X1M_QRP-Transceiver@yahoogroups.com
> > [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kd4hjt@
> > Sent: August 10, 2013 9:13 AM
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Subject: [X1M_QRP-Transceiver] Re: CAT Cable
> >
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> >
> > USB would be nice for use on my 10" netbook. Standard port does work on

> > mine. Had no problem getting HRD to work on an older Dell laptop with 9 pin
> > port. Auto detect speed, Check RTS and DTR flow control, popped right up.
> >
> > Ray , KD4HJT
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com
> > <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL"
> > <flesnick@> wrote:
> > >
> > > Lee been there and done it, I posted the pictures of the cable in the
> > files
> > > section as well of the chip and wiring. I have had no luck getting HRD to
> > > work or any other program as well with that cable..
> > >
> > > Will have to keep trying and see what happens, just wish a cable was made
> > to
> > > USB as my newer Samsung and netbook do not have anything but USB
> > >
> > >
> > >
> > > Fred
> > >
> > > VE3FAL
> > >
> > >
> > >
> > > From: X1M_QRP-Transceiver@yahoogroups.com
> > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > [mailto:X1M_QRP-Transceiver@yahoogroups.com
> > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of Lee
> > > Sent: August 10, 2013 12:58 AM
> > > To: X1M_QRP-Transceiver@yahoogroups.com
> > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > Subject: RE: [X1M_QRP-Transceiver] CAT Cable
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> > > I opened up the CAT cable that came with my X1M-P I got today and inside
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> > > From: X1M_QRP-Transceiver@yahoogroups.com
> > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > [mailto:X1M_QRP-Transceiver@yahoogroups.com
> > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of ChristopherG

> > > Sent: Thursday, August 08, 2013 5:33 PM
> > > To: X1M_QRP-Transceiver@yahoogroups.com
> > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > Subject: [X1M_QRP-Transceiver] CAT Cable
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> > > Im using a 6' extensions between the Computer and the CAT cable which is
> > > plugged into the radio.
> > >
> > > K6CMG
> > > -Christopher
> > >
> >
>

768. Re: New version of X1M programmed for North American band limits?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 19:14:37 UTC
From: Paul W. Ross
Topic: 760 Message: 768

Won't transmit out-of-band unless you set item 11. As to the filters being turned on, no idea.

73 /paul W3FIS

769. Re: 1/8 to 1/4 watt power

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 19:15:54 UTC
From: Paul W. Ross
Topic: 762 Message: 769

There is an internal microphone adjustment, but haven't fooled with
that. Should be the right hand trim pot. Left is side tone (confirmed)

73 /paul

770. Re: CAT Cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 19:21:08 UTC
From: W3FIS
Topic: 706 Message: 770

Got things to work this PM. Consists of:

Interface cable they sent us.

IOGear GUC232a, which I had for something else.

USB extension cable, as the pigtail on the IOGear unit was pretty short.

Cable tie down to the desktop for the stuff, so as not to put undue strain on the interface cable.

I have documented what HRD commands work. Most of the important stuff. A great relief for my 75 year old eyes!! <grin>

See just posted revised manual for what we know. The side tone issue has been resolved -- left hand trim pot.

73 /paul W3FIS

771. Re: 1/8 to 1/4 watt power

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 20:00:10 UTC
From: kd4hjt@ymail.com
Topic: 762 Message: 771

MFJ941E low power setting. Analog meter
4BTV vertical.

Rec votage 13.82 volts
Transmit voltage 13.76
7.250 4.5 watts

Rec votage 13.82 volts
Transmit voltage 13.76
14.340 4.6 watts

Have no meter to read current accuratly. Fried

Transmit on CW mode

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> Can you give us some more details ? What you were using to measure the
> power with , what kind of load or antenna that you were using , and is
> it the same on all of the 5 bands ? Also mode being used and supply
> voltage measured under load , i.e. transmit position , along with
> current readings .
>
> Charlie , W5COV
>
> On 8/10/2013 1:35 PM, ChristopherG wrote:
> >
> > I thought these things were supposed to be tested? Unless there is a
> > tx power adjustment that i dont know about? Mines a dud.
> > K6CMG
> >
> >
>

772. RE: [X1M_QRP-Transceiver] Re: CAT Cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 20:52:49 UTC
From: Rick Pemble
Topic: 706 Message: 772

In 40 years, no matter how hard I study it first, I ALWAYS have to flip pin 2 and 3 in the end. It is divine law.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee - N9LO
Sent: Saturday, August 10, 2013 15:13
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: CAT Cable

I have a cheap USB to serial adapter and connected it to the supplied CAT cable and could not get the radio to connect to Ham Radio Deluxe. What did work was the $2.11 eBay USB to TTL serial cable that I soldered to a DB9 connector. The converter is built in to the USB end of the cable. I wired the DB9 using info from message 430. I did notice that some of the eBay ads say green is TX and white is RX and some say the opposite. At first my cable did not work so I just flipped the wires on pins 2 and 3.

Lee - N9LO

--- In X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "kd4hjt@... <mailto:kd4hjt@...> " <kd4hjt@... <mailto:kd4hjt@...> > wrote:
>
> Probably not worth it Fred. We'll figure out the usb problem. I may order a couple of converters and see what I can get going on the netbook. It will be nice to keep everything small.
>
> Ray
>
> --- In X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL" <flesnick@> wrote:
> >
> > I have an older dell that now has backlight(display) issues, can barely see,
> > would fix it but not sure if it is worth it, that was my dedicated EMCOMM
> > digital laptop, then when it crashed just grabbed a netbook to do what I
> > needed.
> >
> >
> >
> >
> >
> >
> > Fred
> >

> > VE3FAL
> >
> >
> >
> > From: X1M_QRP-Transceiver@yahoogroups.com
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> > > plugged into the radio.
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> > > K6CMG
> > > -Christopher
> > >
> >
>

773. Re: 1/8 to 1/4 watt power

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-10 22:33:05 UTC
From: kingfish_stevens
Topic: 762 Message: 773

Radios are tested before leaving the factory. In addition, your radio was tested on my bench before shipping, since it was a replacement for the first one you killed. Both CW and SSB were 4.7 - 5 watts on 40 meters.

Ed
Import Communications

--- In X1M_QRP-Transceiver@yahoogroups.com, "ChristopherG" <cgoodman1980@...> wrote:
>
> I thought these things were supposed to be tested? Unless there is a tx power adjustment that i dont know about? Mines a dud.
> K6CMG
>

774. Re: New version of X1M programmed for North American band limits?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-11 14:22:56 UTC
From: lance_lascari
Topic: 760 Message: 774

Word of warning -- the transmit spectrum is horrific for some of the "other" bands without filters. 30M is particularly bad. I decided to look at the spectrum after my ldg auto-tuner seemed befuddled when trying to tune on 30m.

For the bands with filters it doesn't seem so bad; but I've not looked at other QRP rigs recently to calibrate expectations.

Still pretty amazing for the price, not complaining -- but stick to the known-good bands for transmitting is my advice!

-Lance (ws2b)

--- In X1M_QRP-Transceiver@yahoogroups.com, "Paul W. Ross" <deadgoose@...> wrote:
>
> Won't transmit out-of-band unless you set item 11. As to the filters
> being turned on, no idea.
>
> 73 /paul W3FIS
>

775. AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-11 14:37:05 UTC
From: lance_lascari
Topic: 775 Message: 775

Hi all,

If the schematic that was posted to the group is accurate for the recently shipped units there actually doesn't seem to be AGC -- am I missing something?

I just tested it with a signal generator and that result confirmed that that the audio wasn't leveled until reaching what I presume are saturation levels.

Still usable and reasonably pleasant to listen on for my setup so far.

-Lance /ws2b

776. Re: AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-11 17:20:24 UTC
From: W3FIS
Topic: 775 Message: 776

That would be my perception. I find the "preamp" give you some level of RF gain control (on/off!!!). They didn't put in the attenuator (software and display work!), which would have been nice.

Oh well...

73 /paul W3FIS

777. Re: New version of X1M programmed for North American band limits?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-11 17:21:34 UTC
From: W3FIS
Topic: 760 Message: 777

Have or can you try one of the band pass filter kits from Kits and Parts?

73 /paul W3FIS

778. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-11 17:22:31 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 778

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Manuals/A Users Guide for the X1M Transceiver.pdf
Uploaded by : deadgoose38 <deadgoose@...>
Description : Version 1.2 of manual

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/A%20Users%20Guide%20for%20the%20X1M%20Transceiver.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

deadgoose38 <deadgoose@...>

779. Re: Reference Manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-11 17:23:42 UTC
From: W3FIS
Topic: 661 Message: 779

New (1.2) version up today. Cleaned up the verbage, fixed a technical error or two.

73 /paul W3FIS

780. Re: AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-11 17:32:14 UTC
From: lance_lascari
Topic: 775 Message: 780

Indeed -- after I posted that I did a more objective test with an o-scope and the generator confirming the first results (which were just by ear).

Between the volume and preamp settings I guess it is reasonably manageable. If we had more panel space it would be a straightforward hack to manipulate the IF stage gain.

And on the topic of filters and spectrum -- I saw your comment; I had missed the earlier thread on the filters. My only concern with those filters would be on bands like 30m, it seemed like a 20-ish MHz product (didn't look carefully enough) was at nearly the same power level, so if you don't apply the filters at a low level you will still have a pretty nasty spectrum and the PA will be fairly displeased :)

Good market for a solid pre-post selector to hack inline :)

-Lance

--- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@...> wrote:
>
> That would be my perception. I find the "preamp" give you some level of RF gain control (on/off!!!). They didn't put in the attenuator (software and display work!), which would have been nice.
>
> Oh well...
>
> 73 /paul W3FIS
>

781. Hints and Kinks

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-11 17:39:55 UTC
From: W3FIS
Topic: 781 Message: 781

Lots of people have found all sorts of useful things about the radio. In that spirit, I am starting a thread on "hints and kinks" for the X1M. Please add to it, and after a couple of weeks, I'll take the liberty of editing them together and put the list in our files section.

To get things going, I have found:

1. Put some small rubber/vinyl feet on the case. This will save the pretty case from scratches, and likely give a little better air circulation. Hardware store item.

2. Take the sleeve off of the microphone plug and examine the solder connections, strain relief, etc. "Pot" the housing with some RTV silicon rubber, and put it back together. This will add to the mechanical stability of the connector. Hardware store again...

3. A VERY small dot of silicon dielectric grease (auto parts store) on the case screws will prevent galling of the steel screws against the aluminum case threads. A little on the control shafts helps as well, though I might wish that I hadn't. Auto parts store. Comes in little tubes. Useful for sticky threads on PL-259 connectors as well.

4. The screws on the case can be easily removed with a 2.5 mm METRIC Allen wrench -- local hardware store item, if you don't have one in your tool kit. Also auto parts store.

5. The internal trim pots can be adjusted with a 1.8 mm jeweler's screwdriver. The side tone one is on the left (viewing from the front), and about a 90 degree CLOCKWISE turn works.

6. If yours, like mine, came with the loudspeaker broken from the mother board, stick it back in place with a couple of SMALL dots of hot melt glue from the XYL's craft stuff. The glue appears to be polyethelene.

7. To keep stuff from getting into the speaker/case through those holes on the top, cement a square of plastic window screen on the underside of the holes. It won't harm the sound quality.

8. Stereo "Drugstore" headphones or ear buds work fine.

9. The threaded fittings for retaining the RS232 adapter can loosen up. Tighten them down a bit -- chimpanzee tight, not gorilla tight...

10. The power plug shipped with my radio was the wrong size. You need an "M" plug from Radio Shack. This is the standard 5.5 x 2.1 mm plug.

11. A 5 AH SLA gel cell makes a great "field" power supply.

12. Make sure to tie the RS232 adapter stuff down -- the adapter shipped looks a little on the fragile side. I had to open up the screw holes a bit in the connector to clear the requisite #4-40 machine screw.

Please add anything you might have found out...

Has anybody figured out a stand to put this thing on so that when using it on your desk that you can see the screen without breaking your neck? I have used a "Nifty" HT stand turned backwards with a big rubber band, but that really doesn't work all that well.

73 /paul W3FIS

782. Re: external Keyer?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-11 17:41:27 UTC
From: W3FIS
Topic: 718 Message: 782

The new boards are slightly different. See the photo in the new manual.

73 /paul W3FIS

783. Re: [X1M_QRP-Transceiver] Hints and Kinks

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-11 18:56:35 UTC
From: Charlie , W5COV
Topic: 781 Message: 783

I am going to try modifying one of my lady friends plate holders for a stand . She has metal and plastic . I am playing with the plastic one so I can saw a few pieces off and use plexiglass to form a couple of holder/camps for the radio . The tilt angle seems about right just the arms need extended since it was intended for a plate .

Charlie , W5COV
On 8/11/2013 12:39 PM, W3FIS wrote:
>
> Lots of people have found all sorts of useful things about the radio.
> In that spirit, I am starting a thread on "hints and kinks" for the
> X1M. Please add to it, and after a couple of weeks, I'll take the
> liberty of editing them together and put the list in our files section.
>
> To get things going, I have found:
>
> 1. Put some small rubber/vinyl feet on the case. This will save the
> pretty case from scratches, and likely give a little better air
> circulation. Hardware store item.
>
> 2. Take the sleeve off of the microphone plug and examine the solder
> connections, strain relief, etc. "Pot" the housing with some RTV
> silicon rubber, and put it back together. This will add to the
> mechanical stability of the connector. Hardware store again...
>
> 3. A VERY small dot of silicon dielectric grease (auto parts store) on
> the case screws will prevent galling of the steel screws against the
> aluminum case threads. A little on the control shafts helps as well,
> though I might wish that I hadn't. Auto parts store. Comes in little
> tubes. Useful for sticky threads on PL-259 connectors as well.
>
> 4. The screws on the case can be easily removed with a 2.5 mm METRIC
> Allen wrench -- local hardware store item, if you don't have one in
> your tool kit. Also auto parts store.
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> 5. The internal trim pots can be adjusted with a 1.8 mm jeweler's
> screwdriver. The side tone one is on the left (viewing from the
> front), and about a 90 degree CLOCKWISE turn works.
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> 6. If yours, like mine, came with the loudspeaker broken from the
> mother board, stick it back in place with a couple of SMALL dots of
> hot melt glue from the XYL's craft stuff. The glue appears to be
> polyethelene.
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> 7. To keep stuff from getting into the speaker/case through those

> holes on the top, cement a square of plastic window screen on the
> underside of the holes. It won't harm the sound quality.
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> 9. The threaded fittings for retaining the RS232 adapter can loosen
> up. Tighten them down a bit -- chimpanzee tight, not gorilla tight...
>
> 10. The power plug shipped with my radio was the wrong size. You need
> an "M" plug from Radio Shack. This is the standard 5.5 x 2.1 mm plug.
>
> 11. A 5 AH SLA gel cell makes a great "field" power supply.
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> 12. Make sure to tie the RS232 adapter stuff down -- the adapter
> shipped looks a little on the fragile side. I had to open up the screw
> holes a bit in the connector to clear the requisite #4-40 machine screw.
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> Please add anything you might have found out...
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> Has anybody figured out a stand to put this thing on so that when
> using it on your desk that you can see the screen without breaking
> your neck? I have used a "Nifty" HT stand turned backwards with a big
> rubber band, but that really doesn't work all that well.
>
> 73 /paul W3FIS
>
>

784. Re: AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-11 23:26:56 UTC
From: W3FIS
Topic: 775 Message: 784

FWIIW, from a review I found: (this was the earlier one. I have no reason to believe they changed this)

The X1M is all made in SMD technology with 0603 parts; the RX preamplifier uses a very low-noise (NF:1.2dB) CATV 2SC3357 transistor, the IF is at 9MHz with a 6-pole crystal filter 2.2KHz wide, the mixer uses high-speed HSB88W Schottky diodes, the IF amplifier has a MC1350 stage with controllable gain (for AGC purposes), the audio amplifier is an LM386 (just 4mA of standby current) and the local oscillator is made around an Analog Devices AD9851 DDS.

And, to show that it's not a toy but a really nice tool at a very good price, it has an interface that allows it to be connected to the PC and operated via Ham Radio Deluxe or any other similar software, being compatible with the Icom command set (ideally, the IC-718).

73 /paul W3FIS

785. Upgrade from non-platinum to platinum?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 03:11:43 UTC
From: jon
Topic: 785 Message: 785

I haven't yet contacted Import Communications yet, but is the any information on an upgrade (trade-in?) to the Platinum version?

I'd sure like to trade in all the bugs on my unit for the inproved Platinum verion!

73s,

Jon

786. Re: A new X1M Platinum video

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 04:22:42 UTC
From: W3FIS
Topic: 670 Message: 786

A quick search on Google turns up all sorts of sources of aftermarket 6mm push on knobs... Frankly, just a pair like the frequency change knob would look nice.

73 /paul W3FIS

787. Re: A new X1M Platinum video

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 04:32:05 UTC
From: pezcat19
Topic: 670 Message: 787

Indeed.

My X1M is still in the mail, however I have already purchased some brand new plain black knobs to replace the standard ones as soon as it gets here. It cost about $10 total for a few different sizes at the local Electronics store (Jaycar, here in VK).

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@...> wrote:
>
> A quick search on Google turns up all sorts of sources of aftermarket 6mm push on knobs... Frankly, just a pair like the frequency change knob would look nice.
>
> 73 /paul W3FIS
>

788. Re: AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 12:18:39 UTC
From: yo9irf
Topic: 775 Message: 788

Hello Paul,

The text is from my blog, I wrote it. Indeed the IF stage uses MC1350 that has controllable gain, but instead of hooking the gain control pin to a control loop the manufacturer just applied a fixed voltage and the gain is static.

A simple mod can be done by lifting the RW1C pin that goes to L53C and connecting it to a circuit that picks up the speaker audio, rectifies it and adds a DC component to it; there is room inside the X1M for such a circuit.

Look for the BITX transceiver mods/addons/variants (from wich the X1M is loosely derived) for the AGC circuits, there are a few options, one is for sure G6LBQ's multiband version.

Razvan YO9IRF

--- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@...> wrote:
>
>
> FWIIW, from a review I found: (this was the earlier one. I have no reason to believe they changed this)
>
> The X1M is all made in SMD technology with 0603 parts; the RX preamplifier uses a very low-noise (NF:1.2dB) CATV 2SC3357 transistor, the IF is at 9MHz with a 6-pole crystal filter 2.2KHz wide, the mixer uses high-speed HSB88W Schottky diodes, the IF amplifier has a MC1350 stage with controllable gain (for AGC purposes), the audio amplifier is an LM386 (just 4mA of standby current) and the local oscillator is made around an Analog Devices AD9851 DDS.
>
> And, to show that it's not a toy but a really nice tool at a very good price, it has an interface that allows it to be connected to the PC and operated via Ham Radio Deluxe or any other similar software, being compatible with the Icom command set (ideally, the IC-718).
>
>
> 73 /paul W3FIS
>

789. The Competition is starting up.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 12:45:57 UTC
From: kf9cm
Topic: 789 Message: 789

I guess the competition is starting up.

http://www.aliexpress.com/store/product/Whole-ham-kn920-kn-920-utrashort\
-wave-ham-radio-station-equipment-shiortwave-SW-free-shipping/926979_107\
5987935.html
<http://www.aliexpress.com/store/product/Whole-ham-kn920-kn-920-utrashor\
t-wave-ham-radio-station-equipment-shiortwave-SW-free-shipping/926979_10\
75987935.html>

790. Re: A new X1M Platinum video

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 13:53:19 UTC
From: vk3two
Topic: 670 Message: 790

I have posted several Youtube videos which you can find in the links section here:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/links/X1M_on_Youtube_001376105250/

--- In X1M_QRP-Transceiver@yahoogroups.com, "pezcat19" <pezcat19@...> wrote:
>
> Hi all,
>
> I just found this new X1M Platinum video on YouTube:
>
> https://www.youtube.com/watch?v=XOOBNn9Pybw
>
> This one looks to have an all black (better) volume knob than the red plastic one we have seen in the past.
>
> 73
>
> Perrin VK3XPT
>

791. RE: [X1M_QRP-Transceiver] The Competition is starting up.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 13:57:53 UTC
From: Fred VE3FAL
Topic: 789 Message: 791

I think the competition is and has been there for a while and others have mentioned this radio in various blogs a few months ago. I signed up to aliexpress a while back to get updates on products as they sell a huge variety of stuff..

Anyway not to digress too much, if you look it shows that only 1 in the past 6 months has been ordered and no feedback as of yet.

Also makes note on availability on the site as if they would have to make it first, and I would guess based on orders.

Just my two cents worth for today.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kf9cm
Sent: August 12, 2013 8:46 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] The Competition is starting up.

I guess the competition is starting up.

http://www.aliexpress.com/store/product/Whole-ham-kn920-kn-920-utrashort-wave-ham-radio-station-equipment-shiortwave-SW-free-shipping/926979_1075987935.html

792. Re: [X1M_QRP-Transceiver] The Competition is starting up.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 14:06:36 UTC
From: Buddy Brannan
Topic: 789 Message: 792

Whoa! They claim 10 watts, they also seem to give a fair bit in the way of specs. And it does FM. They say up to 10 watts, then say up to 20, so what is it really? And a very cheap price. Very interesting. It ays nothing about computer control, however; am also somewhat curious about the front panel controls? Its dimensions would seem to indicate that it isn't terribly small, approximately 8"X8"X4", unless my math is way way off.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On Aug 12, 2013, at 9:57 AM, Fred VE3FAL <flesnick@...> wrote:

>
> I think the competition is and has been there for a while and others have mentioned this radio in various blogs a few months ago. I signed up to aliexpress a while back to get updates on products as they sell a huge variety of stuff..
>
>
>
> Anyway not to digress too much, if you look it shows that only 1 in the past 6 months has been ordered and no feedback as of yet.
>
>
>
> Also makes note on availability on the site as if they would have to make it first, and I would guess based on orders.
>
>
>
> Just my two cents worth for today.
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Ofkf9cm
> Sent: August 12, 2013 8:46 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] The Competition is starting up.
>
>

>
>
>
>
> I guess the competition is starting up.
>
>
>
>
>
> http://www.aliexpress.com/store/product/Whole-ham-kn920-kn-920-utrashort-wave-ham-radio-station-equipment-shiortwave-SW-free-shipping/926979_1075987935.html
>
>
>
>

793. Re: The Competition is starting up.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 14:27:34 UTC
From: W3FIS
Topic: 789 Message: 793

Looks sort of like the proposed 20 watt unit from our guys??

73 /paul W3FIS

794. KN-920

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 14:30:17 UTC
From: Fred VE3FAL
Topic: 794 Message: 794

This is some of the very hard to read information I was given when I enquired about this radio a while back$B!D(B

This is an update to the KN-900

Fred

VE3FAL

below is kn920 information$B!$(Bbefore buy it must have good knowledge for radio.
This magic KN920 anti-interference and narrow-band filter characteristics http://v.youku.com/v_show/id_XNTM3MzIzNjgw.html
kn920 receive SSB signal http://v.youku.com/v_show/id_XNTI5ODY2MTY4.html
KN920 prototype guide practical test http://v.youku.com/v_show/id_XNTM1MTQzNzQw.html
KN920 prototype when simple antenna analyzer test http://v.youku.com/v_show/id_XNTM1NzM3NzI4.html
Transmission power KN920 prototype test http://v.youku.com/v_show/id_XNTM0MTg4NDUy.html

KN920 acceptance testing http://v.youku.com/v_show/id_XNTMwMzAyNTEy.html

KN920 acceptance testing 2 http://v.youku.com/v_show/id_XNTMyNDQ2Njgw.html
KN920 variable frequency filter http://v.youku.com/v_show/id_XNTI5ODk5MzA4.html

the kn 900 update to kn 920 but manual no time update

Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)

KN900
Full mode HF transceiver
Operating Instructions
(Subject to revision for MCU v01.05)

2006-8
1/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Directory
(Click to jump to the corresponding content)
Foreword .....
.....
..... 3
Switch .....

.....
..... 4
Switching LCD backlight .....
.....
..... 5
Reorient the receiving frequency
.....
.....
..... 6
Change the step value .....
.....
..... 7
Save a frequency to current channel
.....
....
8
Memory frequency to the specified channel
.....
....
9
Switching channels .....
.....
..... 10
Read from the channel frequency .....
.....
..... 11
Switching modes .....
.....
..... 12
Using AT T function .....
.....
..... 13
Using RF AMP function .....
.....
..... 14
Use the lock function .....
.....
..... 15
Switch VFO-A and VFO-B .....
....
16
Use A = B function .....
.....
..... 17
Using different frequency transceiver function
.....
.....
..... 18
Use automatic key function .....
.....

..... 19
Use UP / DOWN keys function .....
.... 20
Using receiver tuning function
.....
....
21
Check the signal strength .....
.....
..... 22
View output power intensity .....
.....
..... 23
Check the strength of the reflected power
.....
.....
..... 24
View SWR (SWR) Size .....
.... 25
KB-900 option on the support (optional)
.....
.... 26
Update History .....
.....
..... 27

Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)

Foreword

This manual does not include installation and commissioning of the machine method contains only the daily use of the machine in the relevant section, if you

The machine does not install, commissioning, calibration is good, please refer to installation instructions and KN900 adjustment menu to enter a brief description

To adjust.

The specification for the KN900 MCU software version v01.05, you can see on the boot screen KN900.

This manual is higher than the software version for the function KN900 does not fully include, if there is a new software version,

Please press the corresponding release of the control instructions.

Developer undertakes to maintain existing functionality methods of operation, unless the function has been canceled or whose operation is significantly

Defects.

! ! ! Be sure to use when using KN900 power, antenna, speakers and so meet the requirements! ! !

KN900 panel a total of six buttons, three knobs, namely: POWER, DIS, F1, F2, F3, F4 four
Keys and IF GAIN, AF GAIN and the main frequency knob.
IF GAIN and AF GAIN which directly controls two potentiometers both were adjusted to put in place gain and low gain.
Please use the process of adjusting to the appropriate location in order to get a good reception.
Other use of buttons and knobs will be described below.

Time is limited, it is inevitable that mistakes and omissions, please notify us after you discover so that we correct the error as soon as possible, to facilitate more
More KN900 user.
3/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Switch
In the power-off state, long press the POWER button to turn on the machine's power;
In the power-on state, long press the POWER button to turn off the machine's power.

4/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Switching LCD backlight
In the LCD backlight off state, short press the POWER button to turn on the LCD backlight;
In a state where the LCD backlight turned on, press the POWER button to turn off the LCD backlight.
LCD backlight will automatically maintain the state until the next manual switch its state, without affecting other operations.
5/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Reorient the receiving frequency
Main frequency knob clockwise according to a certain value by stepping receiving frequency;
Rotate the knob main frequency step value can be reduced according to a certain receiver frequency.
If the rotary knob does not change the main frequency receiving frequency, check the following items:
Ensure that the main frequency knob is not locked, ie, the first character of the second line of LCD does not display a small key symbol;
Ensure that the current state of the VFO, that the first character of the first line of LCD as V;
Adjusted to ensure that the state is not currently RIT, that second line of LCD displays the last character is not a "<" symbol;
Ensure that the current does not hide the menu parameter adjustment of status, that is no longer the right side of the second line of LCD string of numbers.
6/27

Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Change the step value
DIS button Short press repeatedly, the second line of the LCD display is adjusted to the character shown below:
ATT RFA TS LCK
Now press the F3 key, LCD second line becomes the following display:
1kHz ^
Above the display and the machine corresponds to the current step value, then rotate the main frequency knob above the display will change back to more than
For example, when the main frequency knob clockwise one bar, LCD display will become the second line:
100Hz ^
"^" Symbol corresponds to that on the first line of the frequency A is changed when rotating the main frequency of the knob position to be changed. Step value is adjusted to the desired position, press the F3 key to return to its previous state, then re rotation frequency
Rate knob can be changed according to the new step value of the receive frequency.

Note: Change the step value, the main frequency of the knob and the step value of the direction of rotation can be adjusted between the selected specific adjustment method
See KN900 adjustment menu brief description (ver01.05)

7/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Save a frequency to current channel
If a frequency is that you always want to use, such as a local AM radio station frequency, you can use the KN900
Channel storage function will preserve these frequencies, the next time when you need to use can be very easily and quickly tuned to this channel, square They listen.
Current channel is displayed on the LCD first row, fourth and fifth characters represent the number at the channel.
To store a frequency into the current channel, you only need to ensure that the current work in the VFO mode, then repeatedly press the DIS
Key to adjust the second line LCD display characters shown below:
V / M A / B A = B V> M
At this point press the F4 key to store the frequency of the current work to the current channel.
8/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Memory frequency to the specified channel
If you want to store the current frequency to the specified channel, need to follow the following operations:
The KN900 switch to MEM state, if not the MEM status, you can repeatedly press the DIS button, the LCD section

Two lines adjusted to display the character shown below:
V / M A / B A = B V> M
Then press the F1 key, the first line of the LCD will display the first character is M, then by rotating the main frequency knob, adjusting Rounded to the need to store the channel, and then press the F1 key to switch back to VFO state, and finally press the F4 key, the current frequency will be saved
Storage reservoir to the desired channel to go.
9/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Switching channels
Stored in the channel more content, you can switch channels to listen to a desired program and signals.
To switch to a different channel, you need to switch to MEM KN900 state, if not the MEM status, you can
Repeatedly press the DIS button to adjust the second line of the LCD display characters shown below:
V / M A / B A = B V> M
Then press the F1 key, the first line of the LCD will display the first character is M, ie, channel state.
At this time the main frequency by turning the knob you can change channels, listen to the specified signal.
If the rotary knob does not change the main frequency channel, please check the following items:
Ensure that the main frequency knob is not locked, ie, the first character of the second line of LCD does not display a small key symbol;
Ensure that the current state of the MEM, ie, the first character of the first line of LCD is M;
Ensure that the current does not hide the menu parameter adjustment of status, that is no longer the right side of the second line of LCD string of numbers.
10/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Read from the channel frequency
In some cases, the need to adjust the reception frequency stored in the frequency down to a channel in the vicinity of such channel is stored in the 7.050MHz, and now have to work to 7.053MHz, which requires the frequency of the channel in VFO read channel status in the past.
Operation should be carried out as follows:
In MEM mode, select the channel to be read, press the DIS button repeatedly, the second line of the LCD display is adjusted to below
Illustrated characters:
V / M A / B A = B M> V
Then press the F4 key, the current state of the channel and frequency have been read out, and automatically switch to the VFO state,
Can be adjusted by turning the knob to the main frequency of the received frequency.
11/27

Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Switching mode
KN900 in LSB, USB, CW, AM, FM mode, these types of work, and you can switch back and forth,
To switch to a working model, you need to follow the following steps:
Repeatedly press the DIS button to adjust the second line of the LCD display characters shown below:
SSB CW AM FM
At this point, press the F1 key, the mode will switch between the LSB and USB, press F2, operating mode will switch to CW,
Press F3, operating mode will be switched to AM, press F4, operating mode will switch to FM.
KN900 now live mode appears on the LCD at the last character in the first line of each mode is shown below:

L U C A F
LSB USB CW AM FM

12/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Using ATT function
KN900 can be controlled via a relay pull and release the antenna to achieve the objectives incoming signal attenuation
The attenuation and attenuation of the two states can not arbitrarily switch, to switch to another state, you need to follow the steps below parade
Work:
Repeatedly press the DIS button to adjust the second line of the LCD display characters shown below:
ATT RFA TS LCK
At this point, press the F1 key will toggle between decay and not decay
KN900 now live attenuated status is displayed in the first line of the third character LCD to the left.
When the display is a long, the signal directly, that is not attenuated (unused AT T).
When the display is a short bar, the signal is divided by the resistor, i.e., the attenuation (with AT T).
13/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Using RF AMP function
KN900 can be controlled via a relay pull and release the antenna to achieve the objectives incoming signal amplification
, The zoom magnification with no two states can switch, to switch to another state, you need to follow the steps below parade
Work:
Repeatedly press the DIS button to adjust the second line of the LCD display characters shown below:
ATT RFA TS LCK

At this point, press the F2 key to zoom in and zoom without switching between
KN900 now live attenuated status is displayed in the first line of the third character LCD on the right.
When the display is a long, the signal is amplified, using the RF AMP;
When the display is a short bar, the signal is not amplified, that is, unused RF AMP.
14/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Use the lock function
When tuned to a frequency, we can begin to enjoy the waves of fun, but sometimes careless sensitive to touch down
Main frequency knob (the knob can trigger 40 times per lap, 9 degrees per turn can trigger a) In this case, you can use the lock
The main function of the frequency knob locked, ie ignoring the main frequency knob generated control signal. Locking and non-locking status can be
In any mutual switch, to switch to another state, you need to follow the following steps:
Repeatedly press the DIS button to adjust the second line of the LCD display characters shown below:
ATT RFA TS LCK
At this point, press the F4 key will toggle between locking and non-locking.
KN900 now live lock status display on the LCD first character of the second line.
When displaying a small key symbol, main frequency knob is locked;
When a small key symbol is not displayed when the main frequency knob is not locked.

Main frequency knob lock restrictions are imposed only on KN900 frequency, channels, and RIT (Receive fine) adjustment, KN900 its
All his keys and other functions are not restricted.
15/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Switching VFO-A and VFO-B
Now transceiver typically set VFO-A and VFO-B two frequencies, KN900 well. Set two
There are many effects of frequency, one of which can be stored in different frequency operation (SPLIT) of the two frequencies. Here's how
In switching between the two frequencies. To switch to another state, you need to follow the following steps:
Repeatedly press the DIS button to adjust the second line of the LCD display characters shown below:
V / M A / B A = B M> V
At this point, press the F2 key will VFO-A and VFO-B to switch between.
KN900 now live VFO status display on the LCD at the first line of the second character.
When the character A is displayed, KN900 in the VFO-A;

When the display character B is, KN900 in VFO-B.
16/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
With A = B function
KN900 contains A = B function, which can be very quick to VFO-A and VFO-B frequency set to the same frequency.
To use the A = B function, you need to follow the following steps:
Repeatedly press the DIS button to adjust the second line of the LCD display characters shown below:
V / M A / B A = B M> V
At this point, press the F3 key will VFO-A and VFO-B frequency equal.
When the current job at the VFO-A, the above result of the operation will VFO-B is equal to the frequency of the VFO-A;
When the current job at the VFO-B, the above result of the operation will VFO-A is equal to the frequency of the VFO-B;
17/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Using different frequency transceiver function
In amateur radio work, and sometimes need to get yourself receiving and transmitting equipment operating at different frequencies, for example, 7M-band and in the United States when contacting We usually transmitted on a frequency lower than 7.100 and 7.100 in higher frequencies on the next Closed, the other stations are just the opposite.
KN900 has a different frequency transceiver functions, to use this feature, you need to follow the following steps:
Repeatedly press the DIS button to adjust the second line of the LCD display characters shown below:
SPF K-O RIT
At this point, press the F1 key, using different frequency transceiver functionality and is not used to switch between different frequency transceiver function,
KN900 now live in different frequency transceiver operating status display on the LCD at the second line of the fourth character.
When the display character O is, KN900 in different frequency transceiver operating status;
When the character F,, KN900-frequency transceiver is not in working condition.

When you enable the different frequency transceiver function, KN900 will automatically PTT / CW reception and transmission control switching frequency.
When the current job in the VFO-A, press the PTT / CW, KN900 will automatically switch to VFO-B transmitter;
When the current job in the VFO-B, press the PTT / CW, KN900 will automatically switch to VFO-A emission;

When the current in the VFO-A launch, release PTT / CW, KN900 will automatically switch to VFO-B receiver;
When the current in the VFO-B launch, release PTT / CW, KN900 will

automatically switch to VFO-A receiver;

Note:
As KN900 launch low-pass is to use relay control, so I do not recommend that users use two different bands
Different frequency transceiver functions.
When using automatic key feature when working different frequency if needed, please confirm the two VFO mode of operation are
CW.
B 18/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Use automatic key function
KN900 includes automatic key, auto key in accordance with the standard 1:3 ratio to issue the corresponding dots and dashes.
KN900 automatic key functions used in two modes
One is the relatively early automatic key way, each time you press a button, it will automatically send a corresponding signal point plan,
If rapid succession pressing any key, it will automatically be too late to send key operation in order to save up, and then
The point designated sequentially transmitted signal. In this mode, press and hold a key down will only be sent once the signal. This mode KN900
Is defined as KEYER-NORMAL mode.
Another automatic key way is to hold down a key, the KN900 will send this key represents a continuous signal when it is released
When you stop sending. In this way many times for a quick press also has a memory function, it will automatically be sent too late
Send key operation saved, then turn sent. This mode is defined as KEYER_FAST KN900 mold
Style.
To use KN900 automatic key function, you need to follow the following steps:
Repeatedly press the DIS button to adjust the second line of the LCD display characters shown below:
SPF K-O RIT
At this point, press the F2 key, the key will automatically switch between the various states,
KN900 now live automatic key work status display on the LCD at the second line of the eighth character.
When the display character O, it indicates OFF, KN900 automatic key in the closed state;
When the character N, indicates NORMAL, KN900 automatic key in NORMAL state;
When the character F, it means FAST, KN900 automatic key in FAST state.

Note: KN900 speed automatic keys can be hidden menu to adjust the specific adjustment method see KN900 adjustment menu
A brief description (ver01.05)
19/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Use UP / DOWN keys function
KN900 contains UP / DOWN key, UP / DOWN keys There are three functions:

In CW mode and automatic key feature is enabled in the case, UP keys correspond to sending a point;
In CW mode and automatic key feature is enabled in the case, DOWN keys correspond to transmit a program.

In any mode, and automatically shut down in case key functions:
Short press UP key is equivalent to the main frequency knob clockwise one unit;
Press DOWN key is equivalent to the main frequency knob counterclockwise one unit;

Press UP key equivalent continuous clockwise rotation of the main frequency knob;
Press DOWN key is equivalent to the constant rotation of the main frequency knob counterclockwise.

Trimming function using the receiver
KN900 with acceptable frequency tuning function, can be adapted to receive and transmit frequency QSO objects inconsistencies or
Certain other conditions. To use the receiver tuning function, you need to follow the following steps:
Repeatedly press the DIS button to adjust the second line of the LCD display characters shown below:
SPL-OFF RIT
Now press the F3 key will be received in the use of fine-tuning and fine-tuning does not use the receiver to switch between
KN900 whether receiving trimming function in the second line of the LCD can be seen,
When the RIT, it means receiving trimming function is not used;
When the display similar to the following characters, which means that the receiver using the trimming function.
+ 12 <
Above the display indicates the current VFO receive frequency than the frequency (LCD first line shows the frequency) high 120Hz,
Receiving and tuning frequency shown in the display is corresponding to the VFO frequency, that is, that the number on the LCD of the last 10Hz bit.
Contents shown above represent the following meanings:
+ Current VFO frequency is higher than the reception frequency, another possibility in the display is the symbol "-", which represents the current connection
Close frequencies below VFO frequency.
12 999 numbers or other small, representing VFO receive frequency and the frequency difference value, the unit is 10Hz. Namely
Receive tuning can be adjusted between $B!^(B 9.99kHz.
<Means now turn the main tuning frequency knob to change the frequency of acceptance, rather than changing the VFO frequency.
If you need to change the VFO frequency, you can press the F4 key to switch,

when <disappears, turn the live frequency
VFO knob can change the frequency.
21/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Check the signal strength
KN900 received signal strength can be displayed, the function of the S-meter.
To use this feature, you need to follow the following steps:
Long press the DIS button, adjust the second line of the LCD display characters shown below:
S | | | 1 | | | | | | | | 5 | | | | | | | | 9 | |
Character S behind the black bar represents the number of signal strength.
(Note: This feature is only temporarily qualitative, not quantitative be displayed.)
22/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Check the strength of the output power
KN900 to show the strength of the transmit power.
To use this feature, you need to follow the following steps:
The launch state, long press DIS key to adjust the second line LCD display characters shown below:
Po | | | | | | | | | | |
Po character behind the black bar represents how much the strength of the output power.
(Note: This feature is only temporarily qualitative, not quantitative be displayed.)
23/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Check the strength of the reflected power
KN900 can display the intensity of the reflected power.
To use this feature, you need to follow the following steps:
The launch state, long press DIS key to adjust the second line LCD display characters shown below:
Pr | | | | | | | | | | |
Pr characters behind the black bar represents the reflected power much strength.
(Note: This feature is only temporarily qualitative, not quantitative be displayed.)
24/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
View SWR (SWR) Size
KN900 can display SWR (SWR) in size.
To use this feature, you need to follow the following steps:
The launch state, long press DIS key to adjust the second line LCD display characters shown below:
SWR | | | | | | | | | | |

SWR characters behind the black bar represents the number of standing wave ratio (SWR) in size.
(Note: This feature is only temporarily qualitative, not quantitative be displayed.)
25/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
The KB-900 Option support (optional)
The only for the purchase of the KB-900 bandpass filter option of the user.

KN900 able to KB-900 option provides support, KB-900 is a 6-band narrow bandpass filter option, you can
To improve KN900 amateur bands in six major anti-jamming performance.
To use the KB-900 option, you need to connect BAND DATA cable, power cable, additional control lines and high-frequency signal lines.

BAND BAND cable and cable equivalent to the original, only part of the original BAND control can be connected in parallel.
Power cord from the control panel: specific location right in the volume potentiometer, transistors 8550 left vias.
Additional control lines from the microcontroller pin 7.
KB-900 should be installed in the transmitter low-pass plate TO RX IN and between on-board RX IN.

More specific instructions please refer to with KB-900 release published installation instructions.

After properly installing the 1.8,3.8,7, 14,21,28 This six-band reception, it will automatically use the KB-900 option
Not in the six-band reception, you will not use the KB-900 option, while using only original machine low pass filter.

If you do not install the KB-900 option, the program's application and the original exactly the same, no effect.
BG6AGB 26/27
Full mode HF transceiver KN900 Chinese Manual (to be revised edition MCU v01.05)
Update History
2006.08.26 software version updated to MCU v01.05
Add auto key function
Increase the UP / DOWN key function
KB-900 to increase the support Option
Improved S-meter display effect and signal response range
Altered the different frequency transceiver mode content displayed on the LCD

The following two brief explanation see KN900 adjustment menu description (ver01.05)
Hidden menu to adjust the direction of increasing the step adjustment menu
Auto-hide the menu key to increase the speed of adjustment menu

27/27

795. Re: AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 14:30:25 UTC
From: W3FIS
Topic: 775 Message: 795

--- In X1M_QRP-Transceiver@yahoogroups.com, "yo9irf" <razvanfatu@...> wrote:
>
> Hello Paul,
>
> The text is from my blog, I wrote it.

Thanks! I should have given you credit. My bad...

I do spot that I can overload the X1M when tuning to the broadcast band.

Cutting out the preamp helps sorta...

/paul W3FIS

796. Re: KN-920

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 14:31:53 UTC
From: W3FIS
Topic: 794 Message: 796

Don't you love Chinese English manuals!!!!!!!! <grin>

73 /paul W3FIS

797. Digital modes - proof of concept

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 14:40:48 UTC
From: W3FIS
Topic: 797 Message: 797

Well, today's project (nice being retired!)is to start in on digital modes. I have a "spare" SignaLink USB interface that I was using on my Alinco DX-SR-8, so I will leave the internal jumpers set as they were, and fabricate a cable/pigtail to plug into the microphone jack. If I turn the TX gain back, that should effectively reduce the power so that I don't run full power on "key down."

I'll simply chop an Ethernet RJ-45 cable in half and connect PTT, ground, and microphone. Audio from radio into the "Speaker" jack on the SignaLink.

I can recover PSK-31 signals, and am now looking at WSPRNET. I got WSPRNET software to talk to the X1M and set the frequencies correctly. The ICOM 718 stuff works on WSPRNET.

On a slightly different, but related topic, when I put Spectran on the signal, I find that I get slightly different apparent bandwidths for USB, LSB, and CW, so I suspect that the BFO alignments are off.

Does anybody have a sure-fire protocol for setting that correctly? There was a discussion, but I have misplaced it.

Thanks!

73 /paul W3FIS

798. RE: [X1M_QRP-Transceiver] Re: A new X1M Platinum video

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 15:02:17 UTC
From: Lee
Topic: 670 Message: 798

I just took a piece of red sign vinyl and stuck it on the tuning knob. My display was cocked a little to the side so while I had the front off I put in a piece of blue plastic on the display. Did you see that new Chinese radio has a built in stand?

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of pezcat19
Sent: Sunday, August 11, 2013 11:32 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: A new X1M Platinum video

Indeed.

My X1M is still in the mail, however I have already purchased some brand new plain black knobs to replace the standard ones as soon as it gets here. It cost about $10 total for a few different sizes at the local Electronics store (Jaycar, here in VK).

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "W3FIS" <deadgoose@...>
wrote:
>
> A quick search on Google turns up all sorts of sources of aftermarket 6mm push on knobs... Frankly, just a pair like the frequency change knob would look nice.
>
> 73 /paul W3FIS
>

799. Re: Digital modes - proof of concept

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 15:47:32 UTC
From: W3FIS
Topic: 797 Message: 799

OK! Good to go!

Rigged up the cable (DO pot the stereo plug, as things are a little tight in there with four wires!).

Can send and receive PSK-31, receive wsprnet (need to try to send). Radio controls via cat cable work fine.

PTT is VOX via the SignaLink USB interface.

DO turn down the TX knob a bit on the SignaLink USB interface to cut back the power on the X1M.

BTW, since you loose the audio on the radio when you plug into the speaker jack, I have a small Radio Shack speaker plugged into the AUX jack on the SignaLink to monitor received audio.

Moving right along!

Anybody try this yet??

73 /paul W3FIS

800. Re: Hints and Kinks

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 15:49:56 UTC
From: W3FIS
Topic: 781 Message: 800

A SignaLink USB digital interface is easily interfaced with the X1M. We have discussed CAT control, of course. The audio feed to the interface can be done with 1/2 of a standard RJ-45 Ethernet cable and a 3.5 mm stereo plug. DO pot the stereo plug for mechanical stability.

73 /paul W3FIS

801. RE: [SPAM]Re: [X1M_QRP-Transceiver] The Competition is starting up.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 16:05:37 UTC
From: Bruce Fenstermacher
Topic: 801 Message: 801

Hi Buddy:

Used to live in Philly (please don't hold that against me).

My math shows 9 by 9 by 3 5/8 ths. (actually not math, rather measuring out 230 and 90 and then re-measuring the length in inches)

Interesting rig but need a little more information before I cough up 400 + bucks.

Bruce (KU1Y)
760 945 5929

-----Original Message-----
From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Buddy Brannan
Sent: Monday, August 12, 2013 7:07 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [SPAM]Re: [X1M_QRP-Transceiver] The Competition is starting up.

Whoa! They claim 10 watts, they also seem to give a fair bit in the way of specs. And it does FM. They say up to 10 watts, then say up to 20, so what is it really? And a very cheap price. Very interesting. It ays nothing about computer control, however; am also somewhat curious about the front panel controls? Its dimensions would seem to indicate that it isn't terribly small, approximately 8"X8"X4", unless my math is way way off.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On Aug 12, 2013, at 9:57 AM, Fred VE3FAL <flesnick@...> wrote:

>
> I think the competition is and has been there for a while and others have mentioned this radio in various blogs a few months ago. I signed up to aliexpress a while back to get updates on products as they sell a huge variety of stuff..
>
>
>
> Anyway not to digress too much, if you look it shows that only 1 in the past 6 months has been ordered and no feedback as of yet.
>
>
>
> Also makes note on availability on the site as if they would have to make it first, and I would guess based on orders.

>
>
>
> Just my two cents worth for today.
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Ofkf9cm
> Sent: August 12, 2013 8:46 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] The Competition is starting up.
>
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> I guess the competition is starting up.
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http://www.aliexpress.com/store/product/Whole-ham-kn920-kn-920-utrashort-wav
e-ham-radio-station-equipment-shiortwave-SW-free-shipping/926979_1075987935.
html
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Yahoo! Groups Links

802. Re: [SPAM]Re: [X1M_QRP-Transceiver] The Competition is starting up.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 16:11:07 UTC
From: Buddy Brannan
Topic: 801 Message: 802

Howdy Bruce,

Well, I can't very well hold Philly against you, I mean, except that it's just a big ol' very busy big city…after all, I'm not really from here either (I'm from Texas).

Anyway, I reckon I was close enough. Just doing round conversions in my head. I agree though, I'd definitely need a bit more info to drop off and buy one, though I'm not terribly likely, except maybe as a cheap remote base to hang off an Asterisk box to play with. After all, I already have a KX3 and a K2, what else do I really need? Understanding of course that "need" figures nowhere into this at all.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On Aug 12, 2013, at 12:05 PM, Bruce Fenstermacher <ku1y@...t> wrote:

> Hi Buddy:
>
> Used to live in Philly (please don't hold that against me).
>
> My math shows 9 by 9 by 3 5/8 ths. (actually not math, rather measuring
> out 230 and 90 and then re-measuring the length in inches)
>
> Interesting rig but need a little more information before I cough up 400 +
> bucks.
>
> Bruce (KU1Y)
> 760 945 5929
>
> -----Original Message-----
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Buddy Brannan
> Sent: Monday, August 12, 2013 7:07 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [SPAM]Re: [X1M_QRP-Transceiver] The Competition is starting up.
>
> Whoa! They claim 10 watts, they also seem to give a fair bit in the way of
> specs. And it does FM. They say up to 10 watts, then say up to 20, so what
> is it really? And a very cheap price. Very interesting. It ays nothing about
> computer control, however; am also somewhat curious about the front panel
> controls? Its dimensions would seem to indicate that it isn't terribly
> small, approximately 8"X8"X4", unless my math is way way off.
> --
> Buddy Brannan, KB5ELV - Erie, PA
> Phone: (814) 860-3194 or 888-75-BUDDY
>

> On Aug 12, 2013, at 9:57 AM, Fred VE3FAL <flesnick@...> wrote:
>
> >
> > I think the competition is and has been there for a while and others have
> mentioned this radio in various blogs a few months ago. I signed up to
> aliexpress a while back to get updates on products as they sell a huge
> variety of stuff..
> >
> >
> >
> > Anyway not to digress too much, if you look it shows that only 1 in the
> past 6 months has been ordered and no feedback as of yet.
> >
> >
> >
> > Also makes note on availability on the site as if they would have to make
> it first, and I would guess based on orders.
> >
> >
> >
> > Just my two cents worth for today.
> >
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> >
> > Fred
> >
> > VE3FAL
> >
> >
> >
> > From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Ofkf9cm
> > Sent: August 12, 2013 8:46 AM
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Subject: [X1M_QRP-Transceiver] The Competition is starting up.
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> > I guess the competition is starting up.
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> http://www.aliexpress.com/store/product/Whole-ham-kn920-kn-920-utrashort-wav
> e-ham-radio-station-equipment-shiortwave-SW-free-shipping/926979_1075987935.

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> Yahoo! Groups Links
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803. Re: 1/8 to 1/4 watt power

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 16:45:06 UTC
From: ChristopherG
Topic: 762 Message: 803

OK, yes...I verified this with different equipment from another source. Sorry. It turns out the Diode in my RF probe went south and was giving false readings. Will be ordering a rf-probe soon to replace this one that I made.
Thanks for your excellent Customer Service Ed.
-Christopher

--- In X1M_QRP-Transceiver@yahoogroups.com, "kingfish_stevens" <ed@...> wrote:
>
> Radios are tested before leaving the factory. In addition, your radio was tested on my bench before shipping, since it was a replacement for the first one you killed. Both CW and SSB were 4.7 - 5 watts on 40 meters.
>
> Ed
> Import Communications
>
>
>
> --- In X1M_QRP-Transceiver@...m, "ChristopherG" <cgoodman1980@> wrote:
> >
> > I thought these things were supposed to be tested? Unless there is a tx power adjustment that i dont know about? Mines a dud.
> > K6CMG
> >
>

804. Re: Audio Level and Hiss

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 16:50:05 UTC
From: wstearns@rocketmail.com
Topic: 742 Message: 804

I was using my HF9V in the back yard which works fine on the 450D and DX-70TH, so I don't think it was antenna related. I cycled the attenuation and preamp to confirm that was not the issue. When I did the reset, the keyer started acting up (lost half the paddle). Not sure if it was related, but decided I shouldn't progress any farther with this one. Something seems amiss with mine, so I spoke with Ed and he's going to exchange the one I received. Sending this one out today to him. Maybe try again here in a couple weeks when I get a different one.

Bill, NE4RD

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> I had to lay my ear on the speaker to hear just white noise when I first
> received it and hooked it up . However I did not have any antenna hooked
> to it . When I plugged in my G5RV , it came to life and I am listening
> to it on 40 meters right now and am running less than half volume .
>
> I also have the attenuator off and the preamp on .
>
> Also have you tried a full reset ?
>
> Charlie , W5COV
>
>
> On 8/9/2013 8:53 PM, wstearns@... wrote:
> >
> > I received my X1M platinum yesterday, but my unit has little to no
> > audio through the speaker or headphone jack. And when you crank it up
> > so you get low levels of audio and louder hiss sound. The hiss appears
> > to be from the unit, not from the band when comparing to my other
> > radios. As of now the unit really isn't usable, so waiting to hear
> > back from Ed on a course of action. Anyone else experience this? Is
> > there a fix?
> >
> > 73 de NE4RD
> >
> >
>

805. Re: [X1M_QRP-Transceiver] Re: 1/8 to 1/4 watt power

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 17:03:35 UTC
From: Dale Parfitt
Topic: 762 Message: 805

For Chris or anyone else who may be interested. I have a nice condition Eico RF probe that is excess to my needs. By changing the internal resistor, it can be made to work with about any hi Z input voltmeter.
$24 shipped USPS.

Dale W4OP

----- Original Message -----
From: ChristopherG
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, August 12, 2013 12:45 PM
Subject: [X1M_QRP-Transceiver] Re: 1/8 to 1/4 watt power

OK, yes...I verified this with different equipment from another source. Sorry. It turns out the Diode in my RF probe went south and was giving false readings. Will be ordering a rf-probe soon to replace this one that I made.
Thanks for your excellent Customer Service Ed.
-Christopher

--- In X1M_QRP-Transceiver@yahoogroups.com, "kingfish_stevens" <ed@...> wrote:
>
> Radios are tested before leaving the factory. In addition, your radio was tested on my bench before shipping, since it was a replacement for the first one you killed. Both CW and SSB were 4.7 - 5 watts on 40 meters.
>
> Ed
> Import Communications
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "ChristopherG" <cgoodman1980@> wrote:
> >
> > I thought these things were supposed to be tested? Unless there is a tx power adjustment that i dont know about? Mines a dud.
> > K6CMG
> >
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6571 - Release Date: 08/12/13

806. Re: [X1M_QRP-Transceiver] Digital modes - proof of concept

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 20:55:28 UTC
From: Charlie , W5COV
Topic: 797 Message: 806

Paul I also have a spare SignaLink USB here that is currently setup for a Kenwood TS-2000 . Did you stick with the Alinco setup for it ?

What band will you try WSPR on ? I can put a receiver and computer on and see if I hear you here , but you will also see any spots on the WSPR page , I am just curious to hear someone I know is using an X1M . Actually I think I can rearrange some cables here and listen to anyone running WSPR with the X1M .

Still amazing with 48 years of radio equipment on the various benches around here that I have trouble finding a good permanent spot for a radio because it is too small ......

Charlie , W5COV

On 8/12/2013 9:40 AM, W3FIS wrote:
>
> Well, today's project (nice being retired!)is to start in on digital
> modes. I have a "spare" SignaLink USB interface that I was using on my
> Alinco DX-SR-8, so I will leave the internal jumpers set as they were,
> and fabricate a cable/pigtail to plug into the microphone jack. If I
> turn the TX gain back, that should effectively reduce the power so
> that I don't run full power on "key down."
>
> I'll simply chop an Ethernet RJ-45 cable in half and connect PTT,
> ground, and microphone. Audio from radio into the "Speaker" jack on
> the SignaLink.
>
> I can recover PSK-31 signals, and am now looking at WSPRNET. I got
> WSPRNET software to talk to the X1M and set the frequencies correctly.
> The ICOM 718 stuff works on WSPRNET.
>
> On a slightly different, but related topic, when I put Spectran on the
> signal, I find that I get slightly different apparent bandwidths for
> USB, LSB, and CW, so I suspect that the BFO alignments are off.
>
> Does anybody have a sure-fire protocol for setting that correctly?
> There was a discussion, but I have misplaced it.
>
> Thanks!
>
> 73 /paul W3FIS
>
>

807. Re: The Competition is starting up.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 22:01:03 UTC
From: kf9cm
Topic: 789 Message: 807

I just got off the phone with Dale at Kight Radio. I told him about that Transceiver (kn920) $412.99 shipped. Well this is one of those to good to be true items. Dale said he inquired about the radio and the Chinese company asked where did you get that price, our price is $1200. He told them of the web site and they denied it.
Sorry about that [:-?] .

Gary
--- In X1M_QRP-Transceiver@yahoogroups.com, "kf9cm" wrote:
>
>
> I guess the competition is starting up.
>
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http://www.aliexpress.com/store/product/Whole-ham-kn920-kn-920-utrashort\
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-wave-ham-radio-station-equipment-shiortwave-SW-free-shipping/926979_107\
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> 75987935.html>
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808. HRD to X1M-P Sucess

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 22:06:21 UTC
From: ChristopherG
Topic: 808 Message: 808

Using the short 4" CAT cable that I got with the X1M-P I simply bought a Db9 to USB cable. Works fine.

Make sure the CAT cable is plugged into the radio, and plug the DB9/USB Cable into that and connect to your computer.

Use the Icom-718 settings as recommended....Although I accidentally used a different Icom setting and the net-book still paired and connected with the X1M.

HRD controls the Radio nicely.

More playing with it tonight & Hopefully to make some contacts as well.

K6CMG

809. Re: HRD to X1M-P Sucess

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 22:12:36 UTC
From: W3FIS
Topic: 808 Message: 809

Check the new user manual file. There is our list of what works with HRD.

Got digital modes up and running today with a home-made audio cable and my SignaLink USB interface. PSK-31, wsprnet so far.

73 /paul W3FIS

810. Re: Digital modes - proof of concept

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 22:19:09 UTC
From: W3FIS
Topic: 797 Message: 810

>
> Paul I also have a spare SignaLink USB here that is currently setup for
> a Kenwood TS-2000 . Did you stick with the Alinco setup for it ?

Yes, so that I could put it back on the Alinco without having to change jumpers. The Alinco requires me to feed audio in through the microphone jack, and get audio to the "Speaker" connection from the Alinco speaker jack. Ditto for the X1M, so just built the audio cable to match the already connected pinout of the SignaLink.

Just make your audio jumper cable match to the Kenwood, and save yourself some work. If the Kenwood has audio from the rig, then obviously skip that part. All you need is mic in, PPT, and whatever grounds are appropriate.

>
> What band will you try WSPR on ? I can put a receiver and computer on
> and see if I hear you here , but you will also see any spots on the WSPR
> page , I am just curious to hear someone I know is using an X1M .

I have been on 20 earlier today. Copied 5-6 stations, no reports on me. I have a bit of a compromise antenna situation, and was reluctant to run on full power.

> Actually I think I can rearrange some cables here and listen to anyone
> running WSPR with the X1M .

That is correct -- just feed the audio into your sound card. Just upload spots, set % to 0 and in no-transmit mode for wsprnet software.

>
> Still amazing with 48 years of radio equipment on the various benches
> around here that I have trouble finding a good permanent spot for a
> radio because it is too small ......

Yes, tell me about that. I have a re-purposed shoe rack (kit, Lowes, about $15) to hold my stuff. Put the X1M up at eye level to make it easy to see.

73 /paul W3FIS

811. Re: HRD to X1M-P Sucess

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 22:53:01 UTC
From: ChristopherG
Topic: 808 Message: 811

Ya...That Signallink USB is on the list of next thing to buy So I can WSPR...Unless I can figure out how without it?
Christopher

--- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@...> wrote:
>
> Check the new user manual file. There is our list of what works with HRD.
>
> Got digital modes up and running today with a home-made audio cable and my SignaLink USB interface. PSK-31, wsprnet so far.
>
> 73 /paul W3FIS
>

812. Re: Re: [X1M_QRP-Transceiver] The Competition is starting up.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-12 23:28:50 UTC
From: Buddy Brannan
Topic: 789 Message: 812

Hang on a sec.

I think someone’s confused here.

Because Kight Radio made the same comment, with the same price I’d add, on a very different radio. On the other radio, I forget the model number, anyway, *that* radio was a 100 watt radio with a full numeric keypad, computer control, etc. This one doesn’t have all that. Also, could be wrong, but I don’t think you can buy on Aliexpress for other than the stated price. Aliexpress holds your funds until you’re delivered the merchandise, or so I’mtold by people who have shopped there.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On Aug 12, 2013, at 6:01 PM, kf9cm <Gary@kf9cm.com> wrote:

> I just got off the phone with Dale at Kight Radio. I told him about that Transceiver (kn920) $412.99 shipped. Well this is one of those to good to be true items. Dale said he inquired about the radio and the Chinese company asked where did you get that price, our price is $1200. He told them of the web site and they denied it.
> Sorry about that.
>
> Gary
> --- In X1M_QRP-Transceiver@yahoogroups.com, "kf9cm" wrote:
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>> I guess the competition is starting up.
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>> http://www.aliexpress.com/store/product/Whole-ham-kn920-kn-920-utrashort\
>> -wave-ham-radio-station-equipment-shiortwave-SW-free-shipping/926979_107\
>> 5987935.html
>>> t-wave-ham-radio-station-equipment-shiortwave-SW-free-shipping/926979_10\
>> 75987935.html>
>>
>
>

813. Re: HRD to X1M-P Sucess

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 00:09:20 UTC
From: W3FIS
Topic: 808 Message: 813

If you just want to LISTEN and report, plug the speaker from the X1M into the Line In on your sound card, and set up wsprnet software for no transmit and upload spots. You need to register with wsprnet.org.

73 /paul W3FIS

814. Re: [X1M_QRP-Transceiver] The Competition is starting up.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 02:08:02 UTC
From: Colin McDonald
Topic: 789 Message: 814

holy cow, that was a fun read.
I get an impression that you can increase the over all output power inside
the unit, but you only have a range of 1-10 watts on the front pannel?

regards
Colin
----- Original Message -----
From: "Buddy Brannan" <buddy@...>
To: <X1M_QRP-Transceiver@yahoogroups.com>
Sent: Monday, August 12, 2013 8:06 AM
Subject: Re: [X1M_QRP-Transceiver] The Competition is starting up.

Whoa! They claim 10 watts, they also seem to give a fair bit in the way of
specs. And it does FM. They say up to 10 watts, then say up to 20, so what
is it really? And a very cheap price. Very interesting. It ays nothing about
computer control, however; am also somewhat curious about the front panel
controls? Its dimensions would seem to indicate that it isn?t terribly
small, approximately 8?X8?X4?, unless my math is way way off.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On Aug 12, 2013, at 9:57 AM, Fred VE3FAL <flesnick@...> wrote:

>
> I think the competition is and has been there for a while and others have
> mentioned this radio in various blogs a few months ago. I signed up to
> aliexpress a while back to get updates on products as they sell a huge
> variety of stuff..
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>
> Anyway not to digress too much, if you look it shows that only 1 in the
> past 6 months has been ordered and no feedback as of yet.
>
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>
> Also makes note on availability on the site as if they would have to make
> it first, and I would guess based on orders.
>
>
>
> Just my two cents worth for today.
>
>
>

> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Ofkf9cm
> Sent: August 12, 2013 8:46 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] The Competition is starting up.
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> I guess the competition is starting up.
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> http://www.aliexpress.com/store/product/Whole-ham-kn920-kn-920-utrashort-wave-ham-radio-station-equipment-shiortwave-SW-free-shipping/926979_1075987935.html
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Yahoo! Groups Links

815. Re: [X1M_QRP-Transceiver] The Competition is starting up.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 02:34:26 UTC
From: Charlie , W5COV
Topic: 789 Message: 815

Is there a better link to the details of the radio ? I sure don't need and can't afford another radio , but it does look interesting that there may indeed finally be some competition for the FT-817 at a good price .

So far I am VERY happy with the X1M Silver (I guess Silver is the correct name now). The AGC can be a little difficult at times , but certainly manageable and rarely a problem . I am afraid to open it up and do any mods on it , so I don't do anything to void the warranty , but the AGC will be the first mod that I make .

Looks like they went to a lot of trouble in the firmware and display for the attenuator . I wonder if one day they will have a mod to actually have an attenuator .

I am including a meter in my home built filter box so I can see more of a transmit indication . It will also have my antenna tuner and an SWR bridge in it and still keep it all within the size frame of the radio so it is going to be an edge mount meter in my current plans .

For the price and size it is one heck of a radio and I listen to it constantly while I work in the shop . Have a couple of projects that just have to get done before I can really get some testing done on my laboratory bench and the spectrum analyzer and work on projects to go with this fine little jewel and it certainly is no toy and VERY well suited to all of my applications , including the ones in the experimental bands.

It will be nice when they get old enough that there are some non working ones out there , that "can't be repaired" and I can hopefully pick one up that still has good firmware in it , to be able to do some mods on . That may be a while though :)

Charlie , W5COV

On 8/12/2013 9:08 PM, Colin McDonald wrote:
> holy cow, that was a fun read.
> I get an impression that you can increase the over all output power inside
> the unit, but you only have a range of 1-10 watts on the front pannel?
>
> regards
> Colin
> ----- Original Message -----
> From: "Buddy Brannan" <buddy@...>
> To: <X1M_QRP-Transceiver@yahoogroups.com>
> Sent: Monday, August 12, 2013 8:06 AM
> Subject: Re: [X1M_QRP-Transceiver] The Competition is starting up.
>

>
> Whoa! They claim 10 watts, they also seem to give a fair bit in the way of
> specs. And it does FM. They say up to 10 watts, then say up to 20, so what
> is it really? And a very cheap price. Very interesting. It ays nothing about
> computer control, however; am also somewhat curious about the front panel
> controls? Its dimensions would seem to indicate that it isn?t terribly
> small, approximately 8?X8?X4?, unless my math is way way off.
> --
> Buddy Brannan, KB5ELV - Erie, PA
> Phone: (814) 860-3194 or 888-75-BUDDY
>
>
>
> On Aug 12, 2013, at 9:57 AM, Fred VE3FAL <flesnick@...> wrote:
>
>> I think the competition is and has been there for a while and others have
>> mentioned this radio in various blogs a few months ago. I signed up to
>> aliexpress a while back to get updates on products as they sell a huge
>> variety of stuff..
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>> Anyway not to digress too much, if you look it shows that only 1 in the
>> past 6 months has been ordered and no feedback as of yet.
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>>
>> Also makes note on availability on the site as if they would have to make
>> it first, and I would guess based on orders.
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>> Just my two cents worth for today.
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>> Fred
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>> VE3FAL
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>> From: X1M_QRP-Transceiver@yahoogroups.com
>> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Ofkf9cm
>> Sent: August 12, 2013 8:46 AM
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Subject: [X1M_QRP-Transceiver] The Competition is starting up.
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>> http://www.aliexpress.com/store/product/Whole-ham-kn920-kn-920-utrashort-wave-ham-radio
-station-equipment-shiortwave-SW-free-shipping/926979_1075987935.html
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816. RE: [X1M_QRP-Transceiver] AGC issue

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 02:43:24 UTC
From: Fred VE3FAL
Topic: 789 Message: 816

Charlie and gang:

Been trying to follow the threads but have been busy with a friend of ours who needs surgery this week and trying to spend as much time with him as possible.
What is the AGC issue?
Is it overloading?

Just curious, my radio should be here this week. Been playing with a K2/100 and KAT 100 tuner in some of my spare moments.

Fred
VE3FAL

-----Original Message-----
From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: August 12, 2013 10:34 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] The Competition is starting up.

Is there a better link to the details of the radio ? I sure don't need and can't afford another radio , but it does look interesting that there may indeed finally be some competition for the FT-817 at a good price .

So far I am VERY happy with the X1M Silver (I guess Silver is the correct name now). The AGC can be a little difficult at times , but certainly manageable and rarely a problem . I am afraid to open it up and do any mods on it , so I don't do anything to void the warranty , but the AGC will be the first mod that I make .

Looks like they went to a lot of trouble in the firmware and display for the attenuator . I wonder if one day they will have a mod to actually have an attenuator .

I am including a meter in my home built filter box so I can see more of a transmit indication . It will also have my antenna tuner and an SWR bridge in it and still keep it all within the size frame of the radio so it is going to be an edge mount meter in my current plans .

For the price and size it is one heck of a radio and I listen to it constantly while I work in the shop . Have a couple of projects that just have to get done before I can really get some testing done on my laboratory bench and the spectrum analyzer and work on projects to go with this fine little jewel and it certainly is no toy and VERY well suited to all of my applications , including the ones in the experimental bands.

It will be nice when they get old enough that there are some non working ones out there , that "can't be repaired" and I can hopefully pick one up that still has good firmware in it , to be able to do some mods on . That may be a while though :)

Charlie , W5COV

On 8/12/2013 9:08 PM, Colin McDonald wrote:
> holy cow, that was a fun read.
> I get an impression that you can increase the over all output power
> inside the unit, but you only have a range of 1-10 watts on the front pannel?
>
> regards
> Colin
> ----- Original Message -----
> From: "Buddy Brannan" <buddy@...>
> To: <X1M_QRP-Transceiver@yahoogroups.com>
> Sent: Monday, August 12, 2013 8:06 AM
> Subject: Re: [X1M_QRP-Transceiver] The Competition is starting up.
>
>
> Whoa! They claim 10 watts, they also seem to give a fair bit in the
> way of specs. And it does FM. They say up to 10 watts, then say up to
> 20, so what is it really? And a very cheap price. Very interesting. It
> ays nothing about computer control, however; am also somewhat curious
> about the front panel controls? Its dimensions would seem to indicate
> that it isn't terribly small, approximately 8"X8"X4", unless my math is way way off.
> --
> Buddy Brannan, KB5ELV - Erie, PA
> Phone: (814) 860-3194 or 888-75-BUDDY
>
>
>
> On Aug 12, 2013, at 9:57 AM, Fred VE3FAL <flesnick@...> wrote:
>
>> I think the competition is and has been there for a while and others
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>> up to aliexpress a while back to get updates on products as they sell
>> a huge variety of stuff..
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>> the past 6 months has been ordered and no feedback as of yet.
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>> Also makes note on availability on the site as if they would have to
>> make it first, and I would guess based on orders.
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>> Just my two cents worth for today.
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>> Fred
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>> From: X1M_QRP-Transceiver@yahoogroups.com
>> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Ofkf9cm
>> Sent: August 12, 2013 8:46 AM
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Subject: [X1M_QRP-Transceiver] The Competition is starting up.
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>> http://www.aliexpress.com/store/product/Whole-ham-kn920-kn-920-utrash
>> ort-wave-ham-radio-station-equipment-shiortwave-SW-free-shipping/9269
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Yahoo! Groups Links

817. Re: [X1M_QRP-Transceiver] AGC issue

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 02:55:35 UTC
From: Charlie , W5COV
Topic: 789 Message: 817

Yes Fred , it is just on strong signals and with the volume turned up high . Doesn't happen a lot and usually turning the preamp off and cutting back on the audio will take care of it . If the attenuator was operational and not too large , it would likely eliminate a lot of the problem .

There was some discussion of some AGC mods earlier that were being used in the original BITX transceiver .

Charlie , W5COV

On 8/12/2013 9:43 PM, Fred VE3FAL wrote:
>
> Charlie and gang:
>
> Been trying to follow the threads but have been busy with a friend of ours
> who needs surgery this week and trying to spend as much time with him as
> possible.
> What is the AGC issue?
> Is it overloading?
>
> Just curious, my radio should be here this week. Been playing with a
> K2/100
> and KAT 100 tuner in some of my spare moments.
>
> Fred
> VE3FAL
>
> -----Original Message-----
> From: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of Charlie ,
> W5COV
> Sent: August 12, 2013 10:34 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> Subject: Re: [X1M_QRP-Transceiver] The Competition is starting up.
>
> Is there a better link to the details of the radio ? I sure don't need and
> can't afford another radio , but it does look interesting that there may
> indeed finally be some competition for the FT-817 at a good price .
>
> So far I am VERY happy with the X1M Silver (I guess Silver is the correct
> name now). The AGC can be a little difficult at times , but certainly
> manageable and rarely a problem . I am afraid to open it up and do any

> mods
> on it , so I don't do anything to void the warranty , but the AGC will be
> the first mod that I make .
>
> Looks like they went to a lot of trouble in the firmware and display
> for the
> attenuator . I wonder if one day they will have a mod to actually have an
> attenuator .
>
> I am including a meter in my home built filter box so I can see more of a
> transmit indication . It will also have my antenna tuner and an SWR bridge
> in it and still keep it all within the size frame of the radio so it is
> going to be an edge mount meter in my current plans .
>
> For the price and size it is one heck of a radio and I listen to it
> constantly while I work in the shop . Have a couple of projects that just
> have to get done before I can really get some testing done on my
> laboratory
> bench and the spectrum analyzer and work on projects to go with this fine
> little jewel and it certainly is no toy and VERY well suited to all of my
> applications , including the ones in the experimental bands.
>
> It will be nice when they get old enough that there are some non working
> ones out there , that "can't be repaired" and I can hopefully pick one up
> that still has good firmware in it , to be able to do some mods on .
> That may be a while though :)
>
> Charlie , W5COV
>
> On 8/12/2013 9:08 PM, Colin McDonald wrote:
> > holy cow, that was a fun read.
> > I get an impression that you can increase the over all output power
> > inside the unit, but you only have a range of 1-10 watts on the front
> pannel?
> >
> > regards
> > Colin
> > ----- Original Message -----
> > From: "Buddy Brannan" <buddy@... <mailto:buddy%40brannan.name>>
> > To: <X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>>
> > Sent: Monday, August 12, 2013 8:06 AM
> > Subject: Re: [X1M_QRP-Transceiver] The Competition is starting up.
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> >
> > Whoa! They claim 10 watts, they also seem to give a fair bit in the
> > way of specs. And it does FM. They say up to 10 watts, then say up to
> > 20, so what is it really? And a very cheap price. Very interesting. It
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> > about the front panel controls? Its dimensions would seem to indicate

> > that it isn't terribly small, approximately 8"X8"X4", unless my math is
> way way off.
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> > Buddy Brannan, KB5ELV - Erie, PA
> > Phone: (814) 860-3194 or 888-75-BUDDY
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> >
> > On Aug 12, 2013, at 9:57 AM, Fred VE3FAL <flesnick@...
> <mailto:flesnick%40tbaytel.net>> wrote:
> >
> >> I think the competition is and has been there for a while and others
> >> have mentioned this radio in various blogs a few months ago. I signed
> >> up to aliexpress a while back to get updates on products as they sell
> >> a huge variety of stuff..
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> >>
> >> Anyway not to digress too much, if you look it shows that only 1 in
> >> the past 6 months has been ordered and no feedback as of yet.
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> >> Also makes note on availability on the site as if they would have to
> >> make it first, and I would guess based on orders.
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> >> Just my two cents worth for today.
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> >> From: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> >> [mailto:X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Ofkf9cm
> >> Sent: August 12, 2013 8:46 AM
> >> To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> >> Subject: [X1M_QRP-Transceiver] The Competition is starting up.
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> >> I guess the competition is starting up.
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> >> http://www.aliexpress.com/store/product/Whole-ham-kn920-kn-920-utrash
> >> ort-wave-ham-radio-station-equipment-shiortwave-SW-free-shipping/9269
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818. Re: AGC issue

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 03:01:55 UTC
From: Paul W. Ross
Topic: 789 Message: 818

Please describe the metering system. I'm just using the "kick" from my SWR bridge in the "forward" direction, in comparison to full scale on CW key down.

I do find overloading on MW broadcast bands, but that is to be expected.

73 /paul W3FIS

819. Re: [X1M_QRP-Transceiver] Re: AGC issue

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 03:38:08 UTC
From: Charlie , W5COV
Topic: 789 Message: 819

That will work fine and is what I am doing now . I do have a need to know the power output at times , so I know which attenuators to use . I plan on using an Analog Devices chip to have a power meter along with an SWR bridge . Some of my work is done using less than 1 watt , plus I may drive my 222 MHz. transverter with it

Yes the MW broadcast is the worst but I experience it too occasionally on 40 meters , where I usually leave the rig on when I am in the shack.

Charlie , W5COV

On 8/12/2013 10:01 PM, Paul W. Ross wrote:
>
> Please describe the metering system. I'm just using the "kick" from my
> SWR bridge in the "forward" direction, in comparison to full scale on CW
> key down.
>
> I do find overloading on MW broadcast bands, but that is to be expected.
>
> 73 /paul W3FIS
>
>

820. Radio is here

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 10:11:18 UTC
From: Gary
Topic: 820 Message: 820

I just got my new X1M Platinum August 9. I see there is no S/N on it.
and I did hookup it up and see it did have 17 meter because it was on frequency 18.067 vfo and vfo b was 7.080.out but today I will try to make a qso on 17 meter. It is small but that is what I would like to take with me when I travel out west to my son's house.

WW8O Gary

821. Re: HRD to X1M-P Sucess

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 12:13:31 UTC
From: pezcat19
Topic: 808 Message: 821

Hi guys,

I am still waiting for my X1M to arrive, but has anyone tried selecting a newer Icom radio command-set than IC-718? Newer Icom radios support TX and RX switching via CAT. I am wondering if the X1M would respond to this?

Cheers,
Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "ChristopherG" <cgoodman1980@...> wrote:
>
> Using the short 4" CAT cable that I got with the X1M-P I simply bought a Db9 to USB cable. Works fine.
>
> Make sure the CAT cable is plugged into the radio, and plug the DB9/USB Cable into that and connect to your computer.
>
> Use the Icom-718 settings as recommended....Although I accidentally used a different Icom setting and the net-book still paired and connected with the X1M.
>
> HRD controls the Radio nicely.
>
> More playing with it tonight & Hopefully to make some contacts as well.
>
> K6CMG
>

822. Re: Radio is here

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 13:26:25 UTC
From: W3FIS
Topic: 820 Message: 822

--- In X1M_QRP-Transceiver@yahoogroups.com, "Gary" <ww8o@...> wrote:
>
> I just got my new X1M Platinum August 9. I see there is no S/N on it.

PRESS AND HOLD BUTTON F5 -- it will give S/N and build date. Pretty cool.

> and I did hookup it up and see it did have 17 meter because it was on frequency 18.067 vfo and vfo b was 7.080.out but today I will try to make a qso on 17 meter. It is small but that is what I would like to take with me when I travel out west to my son's house.

I am planning on taking mine to a local "Lighthouse Activation" this weekend. Z817 tuner, SLA gel cell, etc.

Unless you set menu item #11 for "open," it will only transmit on 80, 40, 20, 15 and 10 meters. If you try 17, there are likely serious spurious emissions, and you should put a filter in it. See the discussion in our User's Guide in the file section.

73 /paul W3FIS

823. Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 13:41:46 UTC
From: W3FIS
Topic: 617 Message: 823

That "red" on/off/volume knob has got to go! Nice selection on 6mm push on knobs on Amazon.com, FWIIW. Sucker glows in the dark... <grin>

73 /paul W3FIS

824. reviews

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 14:01:26 UTC
From: W3FIS
Topic: 824 Message: 824

It would be useful if people could post review information on the X1M to either Ed's web site, eham.com, or QRZ.com.

73 /paul W3FIS

825. Filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 14:31:07 UTC
From: Charlie , W5COV
Topic: 825 Message: 825

I apologize if I confuse some of the people on the group , but I bought my radio to use primarily as a basis for some work on the part 5 Experimental Frequencies and also the part 15 frequencies , and as such I don't always use it in the same conventional manner as everyone else.

However I am VERY active on the ham bands using QRSS and WSPR and have been for more than a decade on QRSS and since day one when Joe released WSPR .

I do not advocate anyone trying to use the radio outside of the 5 filtered ham bands , unless you have some really good equipment on your bench . In my laboratory , among my test equipment , I have a Tektronix Spectrum Analyzer and my equipment that requires at minimum an OCXO to be accurate , I have two Wenzel 10 MHz. commercial OCXO's and then they and the equipment including much of my transmitting equipment is locked to them as well as being GPS disciplined and that is piped all through my home lab .

However if you want to experiment with building filters for various ham frequencies , that are good for 10 watts , here is a good link to study : http://www.gqrp.com/technical2.htm It gives the values for ham bands . I have not even had time yet to see how the factory filters look and how far down they are at the specified points .

I would caution you to build up a simple breadboard transmitter and experiment with building some filters and using what equipment that you have , plus software that is available to evaluate the filter . You can even use your grid dip oscillator once again if you were building when that was a good and popular test instrument to give you some ballpark figures of your measurements .

I would NOT put them on your new transceiver if you are new at building and lack decent test equipment if you are looking to add the WARC or 160 meter ham band .

I am currently building a 4,000 meter transmitter (72.4 kHz) and will likely later this winter , when the season opens up , propagation wise , use the X1M on 1750 Meters (185.3 kHz) on the part 15 band . I am in the process of applying for a modified part 5 license to also use it on the 630 meter (proposed ham band) (472 kHz.) and part 5 experimental band and also for the 2200 meter band (137 kHz.) and possibly the BCB under part 15 . Power on part 15 bands is measured in INPUT power , so I use transverters to get on some bands to stay legal . There is also the 22 Meter part 15 band . Again CAUTION DO NOT TRY THIS AT HOME :) Unless you have the correct equipment to work with . I just wanted to make it quite clear I am a designer and experimenter , but am using the radio as

it came from the factory at the present time since I have transverters that I can use for all of the experimental bands without getting off of one of the 5 filtered bands as it comes from the factory . I am probably using it more conservatively than most any hams are .

QRSS is quite popular on most bands and almost shares the "watering hole" frequency with WSPR stations . So you can easily watch both of them or operate them . 20 meters is the most popular band worldwide with 30 meters as the next most popular .

The most popular program for decoding QRSS is a program called ARGO , and can be found at this link : http://www.weaksignals.com/

I do plan on ending up with a filter box to go with the X1M if I can get a decent looking signal with my filters . It is the perfect rig for those of us that like to experiment too and I have now had some inquiries from my fellow experimenters , that are about 99 % ham operators , about the rig and there is a good deal of interest in it .

I hope to one day be able to pick up yet another X1M that I am not trying to keep factory perfect to use for my tests and experiments , but my budget isn't quite up to buying another one yet :) Seems I still have some Doctors that need new homes built , and pharmacies and hospitals that need to add on , due to my health and medical issues so they are getting all of my spare radio budget right now . <grin>

Sure won't hurt anything for you to listen on the other frequencies and the filter article should help some of you better understand the need for nice clean signals free from spurs on the frequency ranges not covered by the 5 bands that the radio comes from the factory with proper filtering already built in .

If we do suggest a frequency on each of the 5 bands , I will monitor the best band at the time that I am on here and really enjoy working others with this great little radio . We need to spend a little more time away from the keyboard and a little more time on the air letting the people know about this rig and let them hear it in action . The more people that buy them the more experimenters we will find and the more that the factory sells the more attention they will pay to making future improvements and hopefully still keeping the price down .

Usual disclaimers , you try anything mentioned at your own risk , and I have no financial or any other interest , except being a VERY satisfied customer ....

Best 73 ,

Charlie , W5COV

826. RE: [X1M_QRP-Transceiver] Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 14:43:07 UTC
From: Fred VE3FAL
Topic: 617 Message: 826

Seems to be a consensus on the RED KNOB HAS TO GO...

Group buy.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of W3FIS
Sent: August 13, 2013 9:42 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Knobs

That "red" on/off/volume knob has got to go! Nice selection on 6mm push on
knobs on Amazon.com, FWIIW. Sucker glows in the dark... <grin>

73 /paul W3FIS

827. RE: [X1M_QRP-Transceiver] Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 15:19:45 UTC
From: Lee
Topic: 617 Message: 827

Mine looks pretty good after making the tuning knob red also.

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Fred VE3FAL
Sent: Tuesday, August 13, 2013 9:43 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] Knobs

Seems to be a consensus on the RED KNOB HAS TO GO...

Group buy.

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From: X1M_QRP-Transceiver@yahoogroups.com
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knobs on Amazon.com, FWIIW. Sucker glows in the dark... <grin>

73 /paul W3FIS

828. Re: Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 15:27:14 UTC
From: ve2pdt
Topic: 617 Message: 828

mine isn't even here yet, and you guys have me ordering knobs :)

are they split-shaft or d-shaft ?

--- In X1M_QRP-Transceiver@yahoogroups.com, "Lee" <mr.olson@...> wrote:
>
> Mine looks pretty good after making the tuning knob red also.
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Fred VE3FAL
> Sent: Tuesday, August 13, 2013 9:43 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: RE: [X1M_QRP-Transceiver] Knobs
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> Seems to be a consensus on the RED KNOB HAS TO GO...
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> From: X1M_QRP-Transceiver@yahoogroups.com
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> knobs on Amazon.com, FWIIW. Sucker glows in the dark... <grin>
>
> 73 /paul W3FIS
>

829. X1M & WSPR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 16:13:55 UTC
From: ChristopherG
Topic: 829 Message: 829

Has anyone been able to get WSPR to work with the X1M? Tried it last night and made it work, but it doesn't decode anything? Its actually running in my car right now on 20m....An hour now and nothing?

Im only trying to receive at this point.
K6CMG

830. Re: X1M & WSPR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 18:15:03 UTC
From: W3FIS
Topic: 829 Message: 830

Works like a charm. I tried it yesterday on 20 meters, after I had rigged up the audio cable to the X1M. Using SignaLink USB. Logged about 6-8 stations, but middle of the day. Nobody picked me up, but I had reduced power to avoid heating up the rig. Bad time of day, also. I was getting RF out, so just luck of the draw.

73 /paul W3FIS

831. Re: Hints and Kinks

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 18:17:32 UTC
From: W3FIS
Topic: 781 Message: 831

If you can't stand the mis-matched knobs, and in particular, the red on/off/volume knob, inexpensive 6 mm push-on knobs are available from Amazon.

See this:

http://www.amazon.com/gp/product/B00CQLORZ0/ref=oh_details_o00_s00_i01?ie=UTF8&psc=1

They carry others, if these are not to your taste.

73 /paul W3FIS

832. Re: Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 18:18:27 UTC
From: W3FIS
Topic: 617 Message: 832

Split shaft, push on.

http://www.amazon.com/gp/product/B00CQLORZ0/ref=oh_details_o00_s00_i01?ie=UTF8&psc=1

73 /paul W3FIS

833. Re: Filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 18:22:58 UTC
From: W3FIS
Topic: 825 Message: 833

The filters from "Kits and Parts" might suffice? They are cheap enough, I would think, and unless you are running them hard, should handle the power of the X1M?? I am thinking of doing one for 30 and 17 meters. They sell a "dual" board.

What do you think??

This:

http://kitsandparts.com/univbpfilter.php

or this:

http://kitsandparts.com/bpf2.php

Put it in a metal box with two BNC jacks and a DPDT toggle?

73 /paul W3FIS

834. Re: [X1M_QRP-Transceiver] Re: Filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 19:56:46 UTC
From: Charlie , W5COV
Topic: 825 Message: 834

The filters from Dietz work just fine . Just built one of his 5 watt flying pig rigs a couple of months back that is 5 watts . I also use one of his filters for my 10 meter beacon .
Good reliable person to do business with . I met him at a hamfest 10 or so years ago and have been doing business with him since then . I keep a good selection of toroids on hand and naturally good quality capacitors to handle the RF voltages seen even at 5 watts and ones that are carefully matched when I build filters .
That is a good way to go and a ham owned business that supports QRP.

Charlie , W5COV

On 8/13/2013 1:22 PM, W3FIS wrote:
>
> The filters from "Kits and Parts" might suffice? They are cheap
> enough, I would think, and unless you are running them hard, should
> handle the power of the X1M?? I am thinking of doing one for 30 and 17
> meters. They sell a "dual" board.
>
> What do you think??
>
> This:
>
> http://kitsandparts.com/univbpfilter.php
>
> or this:
>
> http://kitsandparts.com/bpf2.php
>
> Put it in a metal box with two BNC jacks and a DPDT toggle?
>
> 73 /paul W3FIS
>
>

835. Stands

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 20:49:51 UTC
From: Lee - N9LO
Topic: 835 Message: 835

I just created a folder under photos called Stands with 2 pictures of my stand. Please feel free to upload your stands here.

Lee - N9LO

836. Re: Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 21:19:53 UTC
From: Paul W. Ross
Topic: 617 Message: 836

So, what strategy did you use to make the tuning knob red????

73 /paul W3FIS

837. Re: Stands

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 21:28:09 UTC
From: Paul W. Ross
Topic: 835 Message: 837

Those look great!

Where did you get Lucite/Lexan stock, which is what I assume you used.

Did you use a heat gun, or a good hair dryer? I've used a hair dryer
for shrink tubing, but I don't think it is hot enough for plastic sheet.

Thanks!

73 /paul W3FIS

838. RE: [X1M_QRP-Transceiver] Re: Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 23:05:06 UTC
From: Lee
Topic: 617 Message: 838

Put on some red sign vinyl and trimmed it with a fine scissors.

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Paul W. Ross
Sent: Tuesday, August 13, 2013 4:20 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Knobs

So, what strategy did you use to make the tuning knob red????

73 /paul W3FIS

839. RE: [X1M_QRP-Transceiver] Re: Stands

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 23:09:28 UTC
From: Lee
Topic: 835 Message: 839

The 9.5" x 4" piece was cut for me at a local hardware store. It cost $1.
I clamped it between some aluminum angle in my hobby vice and used a hot air
blower which is a lot hotter than a hair dryer. After a few minutes it just
folds over and hold it in place until it cools.

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Paul W. Ross
Sent: Tuesday, August 13, 2013 4:28 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Stands

Those look great!

Where did you get Lucite/Lexan stock, which is what I assume you used.

Did you use a heat gun, or a good hair dryer? I've used a hair dryer
for shrink tubing, but I don't think it is hot enough for plastic sheet.

Thanks!

73 /paul W3FIS

840. Re: X1M & WSPR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-13 23:42:22 UTC
From: ChristopherG
Topic: 829 Message: 840

I was able to use it to receive...No Signalink.....I am wondering how to transmit though. Again, I dont have Signalink, but I do have the CAT cable.

--- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@...> wrote:
>
> Works like a charm. I tried it yesterday on 20 meters, after I had rigged up the audio cable to the X1M. Using SignaLink USB. Logged about 6-8 stations, but middle of the day. Nobody picked me up, but I had reduced power to avoid heating up the rig. Bad time of day, also. I was getting RF out, so just luck of the draw.
>
> 73 /paul W3FIS
>

841. Re: Stands

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 00:15:02 UTC
From: W3FIS
Topic: 835 Message: 841

Lowes (big box hardware store down our way) carries small sizes. Now the problem is to find a heat gun, like I need another tool...

73 /paul W3FIS

842. Re: Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 00:16:48 UTC
From: W3FIS
Topic: 617 Message: 842

Well, I have red vinyl electrical tape. I think I might try that, and trim with an model knife, perhaps.

Thanks!

73 /paul W3FIS

843. Re: [X1M_QRP-Transceiver] X1M & WSPR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 01:25:33 UTC
From: Charlie , W5COV
Topic: 829 Message: 843

Chris , I just now crawled around and hooked a stereo audio cable into the sound card in and then plugged the other end of the cord into my speaker jack and it immediately started decoding WSPR signals . I am on 30 meters right now and have my spots setup to upload . USB Dial set to 10.1387 MHz.

Charlie , W5COV

On 8/13/2013 11:13 AM, ChristopherG wrote:
>
> Has anyone been able to get WSPR to work with the X1M? Tried it last
> night and made it work, but it doesn't decode anything? Its actually
> running in my car right now on 20m....An hour now and nothing?
>
> Im only trying to receive at this point.
> K6CMG
>
>

844. Re: Stands

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 02:11:20 UTC
From: bob_knollman
Topic: 835 Message: 844

If you are fortunate enough to have a Harbor Freight nearby, or can order from them on the net, they have a heat gun that is usually on sale for less than $10.

KD8QZE/Bob

--- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@...> wrote:
>
> Lowes (big box hardware store down our way) carries small sizes. Now the problem is to find a heat gun, like I need another tool...
>
> 73 /paul W3FIS
>

845. Re: Stands

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 13:10:34 UTC
From: Paul W. Ross
Topic: 835 Message: 845

No Harbor Freight. If we had one, the XYL would take away my credit card....

73 /paul W3FIS

846. Re: X1M & WSPR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 13:11:02 UTC
From: Paul W. Ross
Topic: 829 Message: 846

You need to activate the PTT.

73 /paul W3FIS

847. Re: [X1M_QRP-Transceiver] X1M & WSPR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 13:13:10 UTC
From: M_AND_R_SHAREF
Topic: 829 Message: 847

I have a sound card interface from Unified Microsystems called the SCI-6.
Works for my fldigi. $29 plus s&h. WQ8S

On Tue, Aug 13, 2013 at 9:25 PM, Charlie , W5COV <cvest@...> wrote:

> **
>
>
> Chris , I just now crawled around and hooked a stereo audio cable into the
> sound card in and then plugged the other end of the cord into my speaker
> jack and it immediately started decoding WSPR signals . I am on 30 meters
> right now and have my spots setup to upload . USB Dial set to 10.1387 MHz.
>
> Charlie , W5COV
>
>
> On 8/13/2013 11:13 AM, ChristopherG wrote:
>
>
>
> Has anyone been able to get WSPR to work with the X1M? Tried it last night
> and made it work, but it doesn't decode anything? Its actually running in
> my car right now on 20m....An hour now and nothing?
>
> Im only trying to receive at this point.
> K6CMG
>
>
>
>

848. RE: [X1M_QRP-Transceiver] Re: Stands

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 14:13:07 UTC
From: Lee
Topic: 835 Message: 848

Under $25 at Lowes or Home Depot. Tell your wife t can be used carefully to defrost the freezer. I use mine for it but the inside of my freezer is metal.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Paul W. Ross
Sent: Wednesday, August 14, 2013 8:11 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Stands

No Harbor Freight. If we had one, the XYL would take away my credit card....

73 /paul W3FIS

849. It's an X1M PRO, not a Platinum Edition

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 14:53:26 UTC
From: Heath - VK3TWO / VK6TWO
Topic: 849 Message: 849

Who dreampt up the name of Platinum Edition?
It's actually an X1M PRO according to the manufacturer/firmware (Press and hold the F4 button).

Anyway.. had a nice QSO tonight on 80m to VK5 some 2,500km away. I was pleasantly surprised to receive a genuine 5/9 report!

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
+61 (0) 404 893 178
Website <http://sites.google.com/site/actionman5/>

DSTAR <http://www.dstar.org.au/what_is_dstar.htm> - Co-ordinator (WA)
Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
WA Repeater Group <http://www.warg.org.au> – Committee
WA VHF Group <http://www.wavhfgroup.org.au/> – Committee
Wireless Institute Civil Emergency
Network<http://www.wia.org.au/members/emcom/wicen/>– President &
Technical Officer (WA)
Wireless Institute of Australia <http://www.wia.org.au> – State Advisory
Committee <http://www.wia.org.au/members/advisories/about/> (WA)
Wireless Institute of Australia - State Emergency
Comms<http://www.wia.org.au/members/emcom/about/>co-ordinator (WA)
<spooktech@gmail.com> <http://www.spooktech.net>

850. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 16:19:38 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 850

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Manuals/A Users Guide for the X1M Transceiver.pdf
Uploaded by : deadgoose38 <deadgoose@...>
Description : Minor revisions versision 1.2.2 - splits, memory

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/A%20Users%20Guide%20for%20the%20X1M%20Transceiver.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

deadgoose38 <deadgoose@...>

851. User Guide

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 16:22:04 UTC
From: W3FIS
Topic: 851 Message: 851

New version up today. We find that the memory actually supports BOTH the values of VFOa and VFOb, thus, you can store splits in memory, if you wish. This effectively gives your 64 memory storage locations, in pairs, not the 32 we originally thought.

73 /paul W3FIS

852. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 16:24:20 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 852

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Manuals/A Users Guide for the X1M Transceiver.pdf
Uploaded by : deadgoose38 <deadgoose@...>
Description : VFO splits in memory.

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/A%20Users%20Guide%20for%20the%20X1M%20Transceiver.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

deadgoose38 <deadgoose@...>

853. Re: It's an X1M PRO, not a Platinum Edition

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 16:26:07 UTC
From: W3FIS
Topic: 849 Message: 853

Mine "talks to me" with F5 hold down. You are right about the "Pro" version. Lack of truth in advertising... <grin>

73 /paul W3FIS

854. Re: Stands

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 16:28:34 UTC
From: W3FIS
Topic: 835 Message: 854

--- In X1M_QRP-Transceiver@yahoogroups.com, "Lee" <mr.olson@...> wrote:
>
> Under $25 at Lowes or Home Depot. Tell your wife t can be used carefully
> to defrost the freezer. I use mine for it but the inside of my freezer is
> metal.

We are on dangerous ground here.... My XYL said "what do you need one more radio for." I commented about the number of pairs of shoes in her closet. I am now sleeping on the floor with the dog....

We are all going to likely spend in excess of $300 for goodies for this rig....

73 /paul W3FIS

855. RE: [X1M_QRP-Transceiver] It's an X1M PRO, not a Platinum Edition

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 16:30:14 UTC
From: Fred VE3FAL
Topic: 849 Message: 855

I think Platinum came about in translations from Chinese to English, as in other languages certain words do not exist for ones in other languages.

Just my 2 cents worth.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Heath - VK3TWO / VK6TWO
Sent: August 14, 2013 10:53 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] It's an X1M PRO, not a Platinum Edition

Who dreampt up the name of Platinum Edition?
It's actually an X1M PRO according to the manufacturer/firmware (Press and hold the F4 button).

Anyway.. had a nice QSO tonight on 80m to VK5 some 2,500km away. I was pleasantly surprised to receive a genuine 5/9 report!

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
+61 (0) 404 893 178
Website <http://sites.google.com/site/actionman5/>

DSTAR <http://www.dstar.org.au/what_is_dstar.htm> - Co-ordinator (WA)
Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
WA Repeater Group <http://www.warg.org.au> - Committee
WA VHF Group <http://www.wavhfgroup.org.au/> - Committee
Wireless Institute Civil Emergency Network <http://www.wia.org.au/members/emcom/wicen/> - President & Technical Officer (WA)
Wireless Institute of Australia <http://www.wia.org.au> - State Advisory Committee <http://www.wia.org.au/members/advisories/about/> (WA)
Wireless Institute of Australia - State Emergency Comms <http://www.wia.org.au/members/emcom/about/> co-ordinator (WA)

856. RE: [X1M_QRP-Transceiver] Re: It's an X1M PRO, not a Platinum Edition

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 16:35:24 UTC
From: Fred VE3FAL
Topic: 849 Message: 856

Platinum is "Bo" and Pro is "Qin"..

Platinum is more like Gold in their translations or closely tie in together.

Now depending on the dialect and of course if it is Mandarin etc...

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of W3FIS
Sent: August 14, 2013 12:26 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: It's an X1M PRO, not a Platinum Edition

Mine "talks to me" with F5 hold down. You are right about the "Pro" version.
Lack of truth in advertising... <grin>

73 /paul W3FIS

857. Re: X1M & WSPR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 16:44:03 UTC
From: ChristopherG
Topic: 829 Message: 857

And you tried this with your X1M?

--- In X1M_QRP-Transceiver@yahoogroups.com, M_AND_R_SHAREF <msharef@...> wrote:
>
> I have a sound card interface from Unified Microsystems called the SCI-6.
> Works for my fldigi. $29 plus s&h. WQ8S
>
>
> On Tue, Aug 13, 2013 at 9:25 PM, Charlie , W5COV <cvest@...> wrote:
>
> > **
> > >
> > >
> > > Chris , I just now crawled around and hooked a stereo audio cable into the
> > > sound card in and then plugged the other end of the cord into my speaker
> > > jack and it immediately started decoding WSPR signals . I am on 30 meters
> > > right now and have my spots setup to upload . USB Dial set to 10.1387 MHz.
> > >
> > > Charlie , W5COV
> > >
> > >
> > > On 8/13/2013 11:13 AM, ChristopherG wrote:
> > >
> > >
> > >
> > > Has anyone been able to get WSPR to work with the X1M? Tried it last night
> > > and made it work, but it doesn't decode anything? Its actually running in
> > > my car right now on 20m....An hour now and nothing?
> > >
> > > Im only trying to receive at this point.
> > > K6CMG
> > >
> > >
> > >
> > >
> >
>

858. Re: X1M & WSPR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 16:53:17 UTC
From: ChristopherG
Topic: 829 Message: 858

I am Curious about this SignaLink...How do you connect it to the radio?
K6CMG

--- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@...> wrote:
>
> Works like a charm. I tried it yesterday on 20 meters, after I had rigged up the audio cable to the X1M. Using SignaLink USB. Logged about 6-8 stations, but middle of the day. Nobody picked me up, but I had reduced power to avoid heating up the rig. Bad time of day, also. I was getting RF out, so just luck of the draw.
>
> 73 /paul W3FIS
>

859. Re: [X1M_QRP-Transceiver] Re: X1M & WSPR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 19:00:03 UTC
From: Charlie , W5COV
Topic: 829 Message: 859

There are several simple little single transistor circuits out there for switching (for automatic computer PTT from the software) if you have just a small number of cheap parts on hand to build an interface with . As always when working with computers and radios it is nice to use isolation transformers or other isolation methods to help prevent ground loops . Not absolutely needed to experiment with , but good building practice , especially if you are going to be doing a lot of interfacing . Also keep a few toroids on hand to help with any RF and other interference problems that you might have , that are from another source besides the radio .

Make sure with WSPR that you are also running a good time updating program , since transmitting and receiving are fairly critical on timing for being synchronized with the other stations around the world . I personally use http://www.thinkman.com/dimension4/

Since the X1M doesn't have VOX , you can do a really rough transmitting test for WSPR by having your computer speakers turned up so you are hearing the WSPR tones when your program is transmitting and then holding your microphone in the area of the speaker and keying the microphone yourself .
Several cautions doing this . Don't EVER run ANY high duty cycle digital mode at anywhere near full power !!!! On WSPR use your audio level to set your power output since it is SSB , Upper SideBand (USB) in this case . Since the microphone gain for the Pro (I guess the correct name for this batch of radios , because it is what is displayed in my firmware too) , you will have to control your power output from the radio on digital modes using sideband , by adjusting the audio levels out of your sound card .

AGAIN if you test with manual keying and are using 2 minute WSPR cycles , remember you will need to pay close attention to your clock especially on the start time for transmitting . You also need to let it run through a complete cycle because if I remember correctly it looks at the time for its internal updates on even minutes .

This is another possible business for some ham who has cable making equipment , to make the interface cables to go with SignaLink , Bux Comm , West Mountain Radio and a whole world of hams and other companies that make and sell interfaces , some out of their garages , but nothing wrong with that . Could even build a simple cable set for the "Pro" and maybe even use a small enclosure and include a small VOX unit . So many possible accessories !!

A very good electronics tech making cables or interfaces in their garage or shop , using high quality components , is likely to be as good and

probably better than many that you can buy from some bigger companies .

USUAL DISCLAIMER . NOT RESPONSIBLE FOR WHAT ANY USER DOES . IF NOT DONE CORRECTLY COULD DAMAGE YOUR RADIO . SINCE I DON'T KNOW YOUR LEVEL OF EXPERIENCE OR ABILITY , THE INFORMATION PRESENTED IS UNDERSTOOD TO BE "FOOD FOR THOUGHT." IF YOU USE IT YOU DO SO AT YOUR OWN RISK !!

Charlie , W5COV

On 8/14/2013 11:44 AM, ChristopherG wrote:
>
> And you tried this with your X1M?
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, M_AND_R_SHAREF
> <msharef@...> wrote:
> >
> > I have a sound card interface from Unified Microsystems called the
> SCI-6.
> > Works for my fldigi. $29 plus s&h. WQ8S
> >
> >
> > On Tue, Aug 13, 2013 at 9:25 PM, Charlie , W5COV <cvest@...> wrote:
> >
> > > **
> > >
> > >
> > > Chris , I just now crawled around and hooked a stereo audio cable
> into the
> > > sound card in and then plugged the other end of the cord into my
> speaker
> > > jack and it immediately started decoding WSPR signals . I am on 30
> meters
> > > right now and have my spots setup to upload . USB Dial set to
> 10.1387 MHz.
> > >
> > > Charlie , W5COV
> > >
> > >
> > > On 8/13/2013 11:13 AM, ChristopherG wrote:
> > >
> > >
> > >
> > > Has anyone been able to get WSPR to work with the X1M? Tried it
> last night
> > > and made it work, but it doesn't decode anything? Its actually
> running in
> > > my car right now on 20m....An hour now and nothing?
> > >
> > > Im only trying to receive at this point.
> > > K6CMG

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>

860. Shutting Off

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 19:29:05 UTC
From: ballardian36
Topic: 860 Message: 860

Hey all,

I was playing with my replacement x1m over the weekend and was having shutting down issues. It is the original model but while just on recieve the unit would shutoff and then not come back on for a few minutes. Other radios would power off the power supply just fine. I think it was after the first time we called CQ a few times but I don't think I trasmitted any more than a total of 60 seconds and not contigous at all. Not a great ratio for to actually use as a transmitting radio!

This same unit with this same power supply ran just dandy on recieve for a few hours a few weeks ago. It sounds like overheating to me and I swear there was a thread about that exact problem... but I can't find it. Anyone have the same problem and/or know where that thread is? I wanted to try a few more things before I contacted Ed....

Thanks,
-Chris

861. (no subject)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 19:56:42 UTC
From: ke4hsv2
Topic: 861 Message: 861

Has anyone used a small amplifier with their XM1? The noise level on 40 meters has been so bad lately that 5 watts won't do much.

862. Re: X1M & WSPR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 20:36:18 UTC
From: Paul W. Ross
Topic: 829 Message: 862

1. Fabricated jumper cable to go from SignaLink to X1M microphone in. I am using a SignaLink USB that I happened to have configured for my Alinco DX-SR-8, so the connections on the RJ-45 correspond to the microphone connections on the Alinco. All I needed was the two grounds from the Alinco configuration, Microphone, and PTT. I cannibalized a spare nice and flexible Ethernet cable, and cut it in half (now have a pair of 3' pieces. Used one). I used the 3.5 mm stereo plug shipped with the radio, as I already have my keys and paddles set up for 3.5 mm stereo. Used a piece of heat shrink tube to make it more mechanically stable (wire clamp in plug marginal), and "potted" it with RTV silicon rubber. Plug into microphone jack on the X1M.

2. Connected the headphone jack on the back of the X1M to the "Speaker" input on the SignalLink. Use a stereo 3.5 mm jumper cable. There are nice short ones from White Rook key people.

3. Connected the SignaLink to my computer -- Acer Aspire One net book, Windows XP. SignaLink USB gets its power from the computer.

4. Hooked a Rat Shack auxiliary CB <gasp> speaker to the AUX connection on the SignaLink so I can hear my incoming audio, as plugging into the headphone jack on the back of the X1M disconnects the internal speaker.

5. Fired up computer and Ham Radio Deluxe. Set for Icom 718, set sound card to your external USB card. See the SignaLink documentation (RTFM....) for particulars. Radio can now be tuned with HRD. Also, read and understand jumper connections in the SignaLink. It works fine with any radio that doesn't have rig control, such as my Alinco. I actually have to push buttons on the Alinco, though I have made extensive use of presets.

6. Activate DM780 for digital mode. Wsprnet works fine, as does JT65-HF. See our "User's Guide" for what works with the Icom configuration. All that counts.

7. Set TX and RX, Delay settings on the SignaLink. Keep the TX level down, as this will determine the signal level output and RF output on our SSB transceiver. I want to be gentle with it. Remember, most digital modes are full "key down." I used my SWR meter to get a feel for how much power I was getting out. I use <another gasp> a Vanco SWR-1 "CB" SWR meter which works on 40 meters and above.

Other than the cable fabrication, it took longer to tell you about it than to do it! <grin>

That does it -- maybe 3/4 hour effort along with a second cup of coffee a couple of days ago.

Also PLEASE check the new User's Guide. We found out some interesting stuff on the use of "splits" and memory storage. You really have 64, not 32 memory locations, but in VFOa/VFOb pairs. Pretty cool.

73 /paul W3FIS

863. Re: X1M & WSPR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 20:38:49 UTC
From: Paul W. Ross
Topic: 829 Message: 863

My reading of the circuit diagram for the X1M suggest that there are small RF chokes in all the input lines, including the "ground" for the key, headphones, and microphone. This suggests an isolation transformer would be a good idea. I believe my SignaLink USB has isolation transformers. In any event, the SignaLink USB works fine. No funny RF problems (which I have with my 100 watt Alinco DX-SR8 when I do SSTV!).

73 /paul W3FIS

864. Re: It's an X1M PRO, not a Platinum Edition

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 20:41:40 UTC
From: Paul W. Ross
Topic: 849 Message: 864

The joys of Google Translate!

Found out some cool stuff about "splits" and memory storage -- it stores
PAIRS -- VFOa and VFOb.

73 /paul W3FIS

865. Re: Shutting Off

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 20:54:32 UTC
From: W3FIS
Topic: 860 Message: 865

I have the new version. It is warm to the touch, but no worse than my FT-817ND. What about your?

I have been running mine on receive for as much as 4-5 hours to get a feel for stability (testing against WWV at 15 mHz) with little or no drift.

73 /paul W3FIS

866. Re: Boned by Kight Radio (Updated)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 21:15:55 UTC
From: petro_dad
Topic: 662 Message: 866

I received a complete credit against my credit card for the X1M I returned back in June. The guys at Kight were very concerned when I finally did get them. They have earned the benefit of the doubt in my opinion and I will order from them again.

867. RE: [X1M_QRP-Transceiver] Re: Boned by Kight Radio (Updated)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 21:51:11 UTC
From: Fred VE3FAL
Topic: 662 Message: 867

Glad to hear that things worked out for you.. I never had a doubt but know how life's issues sometimes get in the way of things.

Fred

VE♯FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of petro_dad
Sent: August 14, 2013 5:16 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Boned by Kight Radio (Updated)

I received a complete credit against my credit card for the X1M I returned back in June. The guys at Kight were very concerned when I finally did get them. They have earned the benefit of the doubt in my opinion and I will order from them again.

868. Re: [X1M_QRP-Transceiver] Re: X1M & WSPR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 22:18:49 UTC
From: M_AND_R_SHAREF
Topic: 829 Message: 868

WQ8S, I use my SCI-6 on all my hf rigs. Think two 600 -600 ohm transformers, one variable resistor, an optoisolator. The input comes from my computer's mic and speaker jack. The output is from my phone jack and mic jack on the radio. I can pick up the PTT off the serial or USB depending on the software I'm running. I run fldigi or 110A. So I added a PTT to my switch box that I use to go back and forth between my mic and computer. SIG Simple is good. 73 Mark

On Wed, Aug 14, 2013 at 4:38 PM, Paul W. Ross <deadgoose@comcast.net> wrote:

> **
>
>
> My reading of the circuit diagram for the X1M suggest that there are
> small RF chokes in all the input lines, including the "ground" for the
> key, headphones, and microphone. This suggests an isolation transformer
> would be a good idea. I believe my SignaLink USB has isolation
> transformers. In any event, the SignaLink USB works fine. No funny RF
> problems (which I have with my 100 watt Alinco DX-SR8 when I do SSTV!).
>
> 73 /paul W3FIS
>
>
>

869. Contact

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-14 23:00:35 UTC
From: kd4hjt@ymail.com
Topic: 869 Message: 869

Has anyone made a contact on their X1M with another X1M station?

Ray, KD4HJT

870. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-15 01:44:42 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 870

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Manuals/Setting up a Digital Interface for the X1M.pdf
Uploaded by : deadgoose38 <deadgoose@...>
Description : Setting up a digital inteface for the X1M

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/Setting%20up%20a%20Digital%20Interface%20for%20the%20X1M.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

deadgoose38 <deadgoose@...>

871. QRSS Reception

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-15 06:42:08 UTC
From: Charlie , W5COV
Topic: 871 Message: 871

I try to work on some feature of the "Pro" each day , since I am working on another project on the bench that is consuming a large amount of my time .

My Pro has been on in the receive mode all day today and it is past midnight now . The heat stays pretty constant pretty much all the time . When I put it on the bench I will be taking temperature readings also .

This evening I decided that since I had been extremely successful on 30 meters receiving plenty of USA stations along with a long list of DX stations , with WSPR , to switch to another mode that requires an even higher degree of frequency stability. I decided on QRSS3 .The antenna is a G5RV at 30 feet , currently without a tuner , since I am not doing any on the air transmitting yet .

It exceeded my expectations for stability and solid copy for hour after hour .

I set the rig on the 30 meter QRSS "watering hole" , 10.140 MHz. , mode set to CW , CW Tone on the menu , set to
700 Hz.

Software is ARGO V1 build 143 . It may be downloaded and used for free from : http://www.weaksignals.com/

On the HF bands the "standard" speed for QRSS is 3 , which means 3 second dits and 9 second dahs .

There is a lot of good information on setting ARGO up and using it on the home page . The basic setup is pretty simple.

Plug a stereo cable from the speaker out on the Pro to IN on your sound card

My basic settings for this test were
Radio Dial Setting : 10.140.000
CW Mode on radio
CW Tone : 700 Hz.
ARGO
Speed : NORMAL
Setup : Realtek HD Audio Input (my sound card in a machine running XP)
Real Time Input : Sound Card
Mode : QRSS3
Click the START button
There is a vertical bar on the left side of the screen . Adjust the radio volume control to keep this in the GREEN and try to keep it out of the RED

Do not check the Save to WAV file box until you understand its function completely

You should see lines begin to scroll across the screen from right to left . If you have the radio tone set to 700 Hz. on your radio you can scroll the right side bar until 700 is near the center vertically . Not really important , but it will make your center frequency 10.140 MHz. You will see short and long lines scrolling across the screen , these represent the dits and dahs for regular CW . There are several modes used on this frequency but those will be the true QRSS signals. You will also see shifted lines usually about 3 Hz. apart , this is called DFCW or Dual Frequency CW and the pattern represents the dits and dahs again in regular CW .

I am not very good at explaining things , but I think this should be enough to get you started watching QRSS .

I have NOT tried to transmit QRSS , since it is a very high duty mode , and until I get the courage to open up my radio and start looking at making changes , I will not be transmitting QRSS , until I find a way to adjust and lower the output power . Normally QRSS HIGH POWER , is 1 WATT INPUT !!! You will copy stations from all over the world many of them running in the 100 mW to 500 mW output power . This is a VERY efficient mode and very narrow , so you can have a ton of stations in a single 1 kHz. segment .

I can add more later , if you need help and also introduce you to some software that is pretty awesome for QRSS and other weak signal modes .

Until I can figure a way to safely lower the transmitter output power on the Pro , I will next be trying to decode QRSS on the part 5 experimental bands . Here we will find QRSS30 , QRSS60 , and on occasion QRSS120 . QRSS120 is rarely used and the slower dits and dahs we get to , the more stable the frequency has to be , so even QRSS30 will be very telling on just how stable the receiver is .

Hope I didn't confuse you too much .

Best 73 ,

Charlie , W5COV

872. Re: QRSS Reception

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-15 13:36:50 UTC
From: Paul W. Ross
Topic: 871 Message: 872

How about just cutting back the signal to the microphone? This is a SSB rig, so output is proportional to input signal level. On my SignaLink USB interface, I just reduce the TX level, and not the reduction on the RF level on my SWR meter.

73 /paul W3FIS

873. No more audio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-15 14:30:20 UTC
From: sushi_for_me
Topic: 873 Message: 873

Well.... after enjoying this little rig and treating it very gently on my desktop for a few weeks, I now have no audio. I am wondering if maybe an opamp went bad or something. Oh well. I don't know if I have recourse because I've had it so long. Tom KB3HTN

874. Re: Shutting Off

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-15 19:10:48 UTC
From: ballardian36
Topic: 860 Message: 874

Warmth wise wen it runs it doens't get that hot on the outside to me. It seemed a reasonable temperature for a small enclosure and circuitry. I was able to run mine for like 6 hrs recieve once and never did I feel like it got to hot and it ran just fine. It was only this past time (2nd time really using it) that I did key up at all and then only for a callsign or two really-- and it just shut off while sitting there. It is acting like a temperature cutoff -- but from the outside there is not indication of that.

--- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@...> wrote:
>
> I have the new version. It is warm to the touch, but no worse than my FT-817ND. What about your?
>
> I have been running mine on receive for as much as 4-5 hours to get a feel for stability (testing against WWV at 15 mHz) with little or no drift.
>
> 73 /paul W3FIS
>

875. Re: HRD to X1M-P Sucess

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-15 19:19:35 UTC
From: ballardian36
Topic: 808 Message: 875

Hi Perrin,

I didn't try a new rig but I did go through and manually test/map out most of the commands of the Icom-718 set. My results are that the rig doesn't even support the whole Icom-718 command set so I doubt that it will support anything above it and especially as fancy as TX / RX switching.

You cab find my original thread here:

http://groups.yahoo.com/group/X1M_QRP-Transceiver/message/430

I don't admin the Pro/Platnium version so it is possible that has been upgraded.

-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, "pezcat19" <pezcat19@...> wrote:
>
> Hi guys,
>
> I am still waiting for my X1M to arrive, but has anyone tried selecting a newer Icom radio command-set than IC-718? Newer Icom radios support TX and RX switching via CAT. I am wondering if the X1M would respond to this?
>
> Cheers,
> Perrin VK3XPT
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "ChristopherG" <cgoodman1980@> wrote:
> >
> > Using the short 4" CAT cable that I got with the X1M-P I simply bought a Db9 to USB cable. Works fine.
> >
> > Make sure the CAT cable is plugged into the radio, and plug the DB9/USB Cable into that and connect to your computer.
> >
> > Use the Icom-718 settings as recommended....Although I accidentally used a different Icom setting and the net-book still paired and connected with the X1M.
> >
> > HRD controls the Radio nicely.
> >
> > More playing with it tonight & Hopefully to make some contacts as well.
> >
> > K6CMG
> >
>

876. Lighthouse Announcement

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-15 19:58:23 UTC
From: Charlie , W5COV
Topic: 876 Message: 876

FYI , Just in case any of you are interested . Just this year I have started my quest to log as many of these as possible . I have always been intrigued with Lighthouses and after I worked a couple , now I am hooked on them :) Going to give it a go on the Pro on QRP .

Charlie , W5COV

16th ANNUAL INTERNATIONAL LIGHTHOUSE LIGHTSHIP WEEKEND
<http://www.illw.net/index.php/entrants-list-2013>
0001 UTC 17th AUGUST TO 2400 UTC 18th AUGUST 2013 (48 hours or part thereof)

877. RE: [X1M_QRP-Transceiver] Lighthouse Announcement

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-15 20:03:11 UTC
From: Fred VE3FAL
Topic: 876 Message: 877

Look for the gang at SplitRock Lighthouse in Northern MN, a few of the Thunder Bay boys head down there to operate.. I think Edmund Fitzgerald SE is also this weekend too.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: August 15, 2013 3:58 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Lighthouse Announcement

FYI , Just in case any of you are interested . Just this year I have started my quest to log as many of these as possible . I have always been intrigued with Lighthouses and after I worked a couple , now I am hooked on them :) Going to give it a go on the Pro on QRP .

Charlie , W5COV

16th ANNUAL INTERNATIONAL LIGHTHOUSE LIGHTSHIP WEEKEND
<http://www.illw.net/index.php/entrants-list-2013>
0001 UTC 17th AUGUST TO 2400 UTC 18th AUGUST 2013 (48 hours or part thereof)

878. Re: Lighthouse Announcement

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-15 23:12:20 UTC
From: W3FIS
Topic: 876 Message: 878

I am going to the Overfalls light ship up in Lewes this weekend. Will be taking my X1M.

73 /paul W3FIS

879. Re: HRD to X1M-P Sucess

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-15 23:13:24 UTC
From: W3FIS
Topic: 808 Message: 879

In the documentation, we list the Icom 718 commands that we found to work under HRD.

73 /paul W3FIS

880. Re: No more audio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-15 23:14:39 UTC
From: W3FIS
Topic: 873 Message: 880

Did you try a general reset?

73 /paul W3FIS

881. Re: No more audio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-16 14:58:12 UTC
From: sushi_for_me
Topic: 873 Message: 881

I did not. I will try that. Thanks!
--- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@...> wrote:
>
> Did you try a general reset?
>
> 73 /paul W3FIS
>

882. Re: No more audio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-16 15:21:01 UTC
From: sushi_for_me
Topic: 873 Message: 882

It worked! Thanks, Paul.

--- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@...> wrote:
>
> Did you try a general reset?
>
> 73 /paul W3FIS
>

883. Re: No more audio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-16 15:36:50 UTC
From: W3FIS
Topic: 873 Message: 883

When I first got mine, same things happened. PANIC mode! Did a general reset, and now works fine. At one time or the other, I have had to do general resets on almost all of my radios that have an embedded microprocessor. FT-60R, Alinco DX-SR8, FT-817ND.

Since the general reset on the X1M doesn't reset the memories, not a big deal. The only parameter I have found useful, thus far, to fool with is the keyer speed.

73 /paul W3FIS

884. Radio shack part numbers for quick but more expensive power cord $18US

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-16 15:55:33 UTC
From: jeffluszcz
Topic: 884 Message: 884

Hi All,
My X1M Pro came in the mail yesterday late in the day.

I was looking to quickly get the radio on the air but didn't have my soldering setup pulled out so I went to the local Radio Shack and pick up a simple power cord.

I got the two following items which made a single power cord:

Enercell Car Power Adapter part number 270-042 (M-tipped, center pin pos, cigarette lighter car cord)
Enercell 270-040 Car Power Plug (terminal clamps to cigarette lighter female)

The cord ends up looking like this:

[12V Astron Power Supply] Terminal Clamps -> Cigarette Female -> Cigarette Male -> M-tip

The package for the M-tipped cord didn't mention the polarity so I tested it with my multimeter, you should also just to be sure.

Regards,
Jeff N2TIQ

885. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-16 18:42:53 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 885

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Manuals/X1M Quick Reference.pdf
Uploaded by : deadgoose38 <deadgoose@...>
Description : Quick 2 page guide for the X1M

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/X1M%20Quick%20Reference.pd
f

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

deadgoose38 <deadgoose@...>

886. Re: User Guide

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-16 18:44:36 UTC
From: W3FIS
Topic: 851 Message: 886

Heading off to the field tomorrow for a lighthouse activation (Overfalls Light Ship -- Lewes, DE). Need a quick guide for the "Go" box. 2 pages, PDF, print on both sides, and away we go!

73 /paul W3FIS

887. Re: New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-16 20:04:25 UTC
From: kf9cm
Topic: 11 Message: 887

How did it go from 80 meters 3.5 to 3.9 MHz to 80 meters 3.5 to 4.0MHz?.....Just asking.

Gary, KF9CM

--- In X1M_QRP-Transceiver@yahoogroups.com, X1M_QRP-Transceiver@yahoogroups.com wrote:
>
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the X1M_QRP-Transceiver
> group.
>
> File : /Manuals/X1M Quick Reference.pdf
> Uploaded by : deadgoose38 <deadgoose@...>
> Description : Quick 2 page guide for the X1M
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/X1M%20Quick%20Reference.
pdf
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
> Regards,
>
> deadgoose38 <deadgoose@...>
>

888. Re: [X1M_QRP-Transceiver] Re: New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-16 21:26:05 UTC
From: Charlie , W5COV
Topic: 11 Message: 888

I believe the early models only covered 3.5 to 3.9 MHz.

The new Pro model covers 3.5 to 4.0 MHz.

They changed the filter range for the USA bands .

If it has just showed up as a change in the "new" manual , then Paul
must have found an error and updated it to correct the information .

Updates on the manual are a "work in progress" and subject to change ,
so it is a good idea to check the latest manual when an update is posted
on the list .

Charlie , W5COV

On 8/16/2013 3:04 PM, kf9cm wrote:
>
> How did it go from 80 meters 3.5 to 3.9 MHz to 80 meters 3.5 to
> 4.0MHz?.....Just asking.
>
> Gary, KF9CM
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>,
> X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com> wrote:
> >
> >
> > Hello,
> >
> > This email message is a notification to let you know that
> > a file has been uploaded to the Files area of the X1M_QRP-Transceiver
> > group.
> >
> > File : /Manuals/X1M Quick Reference.pdf
> > Uploaded by : deadgoose38 <deadgoose@...>
> > Description : Quick 2 page guide for the X1M
> >
> > You can access this file at the URL:
> >
> http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/X1M%20Quick%20Reference.
pdf
>
> >
> > To learn more about file sharing for your group, please visit:

> > http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
> > Regards,
> >
> > deadgoose38 <deadgoose@...>
> >
>
>

889. RE: [X1M_QRP-Transceiver] Re: User Guide

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-16 22:18:12 UTC
From: Fred VE3FAL
Topic: 851 Message: 889

Hope to work you X1M to X1M, let us know your frequencies phone and cw.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of W3FIS
Sent: August 16, 2013 2:45 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: User Guide

Heading off to the field tomorrow for a lighthouse activation (Overfalls
Light Ship -- Lewes, DE). Need a quick guide for the "Go" box. 2 pages, PDF,
print on both sides, and away we go!

73 /paul W3FIS

890. Re: [X1M_QRP-Transceiver] Re: User Guide

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-16 22:47:28 UTC
From: Charlie , W5COV
Topic: 851 Message: 890

Maybe he can set aside an X1M to X1M "window" for us :) I am going to be looking hard for him when he is on the X1M .

Charlie , W5COV

On 8/16/2013 5:18 PM, Fred VE3FAL wrote:
>
> Hope to work you X1M to X1M, let us know your frequencies phone and cw.
>
> Fred
>
> VE3FAL
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *W3FIS
> *Sent:* August 16, 2013 2:45 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] Re: User Guide
>
> Heading off to the field tomorrow for a lighthouse activation
> (Overfalls Light Ship -- Lewes, DE). Need a quick guide for the "Go"
> box. 2 pages, PDF, print on both sides, and away we go!
>
> 73 /paul W3FIS
>
>

891. Re: User Guide

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-17 01:29:49 UTC
From: W3FIS
Topic: 851 Message: 891

I plan to try PSK-31 and/or Olivia on 20 and/or 40 meters.

About 10-12 EDT.

73 /paul W3FIS

892. Re: No more audio? no, no audio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-17 02:36:42 UTC
From: fpohlmann2
Topic: 873 Message: 892

--- In X1M_QRP-Transceiver@yahoogroups.com, "sushi_for_me" <sushi_for_me@...> wrote:
>
> It worked! Thanks, Paul.
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@> wrote:
> >
> > Did you try a general reset?
> >
> > 73 /paul W3FIS
> >
>
Hello everyone!!!!

Just got my X1M today.
The audio is very low with headphones or built in speaker.
I've tried to do a reset(14.RST ALL;0 or 1)
When it asks "reset settings" I select "YES" turning the VFO
then I press the VFO once but nothing happens.
Is this a general reset? Is there any other reset?
Am I doing right? I mean is this the right procedure?

If I'm in absolute silence I can hear the speaker with the volume at max five o'clock, if I press the MUTE button I see the "X" over the
SPK but it does not mute. No difference whatsoever.
The beep is loud when I turn on the radio so it's not the audio amp.

I would appreciate any help

Thank you

893. Lighthouse

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-17 13:58:04 UTC
From: Charlie , W5COV
Topic: 893 Message: 893

Just worked Sandy Hook , New Jersey Lighthouse on 20 meters (N2MO) . (14.265)
Conditions pretty marginal to the central US from the East Coast , but got a 5-6 report .

But good start worked 1st one on 1st call.

Charlie , W5COV

894. Re: Lighthouse

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-17 19:54:55 UTC
From: W3FIS
Topic: 893 Message: 894

I gave up after 3 hours this morning at the Overfalls on PSK-31.

BAD QSB, QRM.

73 /paul W3FIS

895. Re: Lighthouse

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-17 21:03:48 UTC
From: W3FIS
Topic: 893 Message: 895

40 is opening up. Worked two NC stations this afternoon. Great rig!

Amazing what you can do with 5 watts if you put your mind to it!

73 /paul W3FIS

896. RE: [X1M_QRP-Transceiver] Re: Lighthouse

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-17 21:19:13 UTC
From: Lee
Topic: 893 Message: 896

Made my first contact with this great little radio a few minutes ago. It was a contest station in Florida on 20 meters. I'm in the center of Wisconsin with a Buddipole set up in my living room.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of W3FIS
Sent: Saturday, August 17, 2013 4:04 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Lighthouse

40 is opening up. Worked two NC stations this afternoon. Great rig!

Amazing what you can do with 5 watts if you put your mind to it!

73 /paul W3FIS

897. Re: Lighthouse

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-17 21:29:12 UTC
From: KeithH
Topic: 893 Message: 897

I just ordered mine last week for an emergency radio. I am looking forward to using it portable and in case of zombies to coordinate attacks. Lol.

Just curious what people are using for autotuners and what is the max swr that this little rig can tolerate without damaging it. My antennas are mostly resonant at home but portable is always another story of compromise.

Keith
AK6ZZ

--- In X1M_QRP-Transceiver@yahoogroups.com, "Lee" <mr.olson@...> wrote:
>
> Made my first contact with this great little radio a few minutes ago. It
> was a contest station in Florida on 20 meters. I'm in the center of
> Wisconsin with a Buddipole set up in my living room.
>
>
>
> Lee - N9LO
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of W3FIS
> Sent: Saturday, August 17, 2013 4:04 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Re: Lighthouse
>
>
>
>
>
>
> 40 is opening up. Worked two NC stations this afternoon. Great rig!
>
> Amazing what you can do with 5 watts if you put your mind to it!
>
> 73 /paul W3FIS
>

898. Re: [X1M_QRP-Transceiver] Re: Lighthouse

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-17 22:39:39 UTC
From: Charlie , W5COV
Topic: 893 Message: 898

There are a couple of contests this weekend as well as all of the lighthouse activations . Perfect weekend to be playing with transmitting and receiving !! I am a night person anyway and I plan on being up pretty much all night or as long as the band conditions allow .

The 4.5 watts output , makes it one of the top of the line "Cadillac" QRP radios .It is as good as ANY QRP rig on the market today for a transmitter . Right now I am having a real problem with the internal keyer , so I am using an external keyer on CW .

Right now there are many stations literally begging for contacts to add to their scores . I have been on 20 meters and the band is in great shape at the present time . There was a SID event today that about killed everything here on all of the bands for a couple of hours .

Many DX stations are starting to show up on 20 and "should" continue to get better after dark , as will 40 and 80 for sure . Get on there and start adding up the contacts !!! Wonder who will be the first person to work all states (WAS) using the pro , with any combination of modes or bands ??

Also many DX and also USA stations will take time out to work a QRP station so on phone and you are calling someone don't be afraid to announce that you are running QRP . Some will take breaks from working all of the stations calling them and just work QRP only stations for a period of time every so often .

I plan on giving the girl a good workout this evening and hope to work another station running a Pro .

Charlie , W5COV

On 8/17/2013 4:19 PM, Lee wrote:
>
> Made my first contact with this great little radio a few minutes ago.
> It was a contest station in Florida on 20 meters. I'm in the
> center of Wisconsin with a Buddipole set up in my living room.
>
> Lee -- N9LO
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *W3FIS
> *Sent:* Saturday, August 17, 2013 4:04 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] Re: Lighthouse
>
> 40 is opening up. Worked two NC stations this afternoon. Great rig!

>
> Amazing what you can do with 5 watts if you put your mind to it!
>
> 73 /paul W3FIS
>
>

899. Re: [X1M_QRP-Transceiver] Re: Lighthouse

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-17 22:52:12 UTC
From: Charlie , W5COV
Topic: 893 Message: 899

It will make you a VERY good QRP transceiver to use , instead of always leaving it on hot standby for the Night of the Living Dead , zombie creatures :)

I have used it with my LDG auto tuners and it works fine . I also have an MFJ manual tuner , plus a couple of home built tuners and it loads quickly and easily even to high impedance antennas that I have around here for the part 5 experimental bands . I did use a couple of different baluns to get as close as I could guess on the impedance ratio that I needed before I tried the tuners .

Most modern radios from anyone begin to get unhappy fairly quickly at anything more than a 3:1 SWR .
On 8/17/2013 4:29 PM, KeithH wrote:

Charlie , W5COV

> I just ordered mine last week for an emergency radio. I am looking
> forward to using it portable and in case of zombies to coordinate
> attacks. Lol.
>
> Just curious what people are using for autotuners and what is the max
> swr that this little rig can tolerate without damaging it. My antennas
> are mostly resonant at home but portable is always another story of
> compromise.
>
> Keith
> AK6ZZ
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, "Lee" <mr.olson@...>
> wrote:
> >
> > Made my first contact with this great little radio a few minutes ago. It
> > was a contest station in Florida on 20 meters. I'm in the center of
> > Wisconsin with a Buddipole set up in my living room.
> >
> >
> >
> > Lee - N9LO
> >
> >
> >
> > From: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > [mailto:X1M_QRP-Transceiver@yahoogroups.com

> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of W3FIS
> > Sent: Saturday, August 17, 2013 4:04 PM
> > To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > Subject: [X1M_QRP-Transceiver] Re: Lighthouse
> >
> >
> >
> >
> >
> > 40 is opening up. Worked two NC stations this afternoon. Great rig!
> >
> > Amazing what you can do with 5 watts if you put your mind to it!
> >
> > 73 /paul W3FIS
> >
>
>

900. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-18 00:40:24 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 900

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Manuals/A Users Guide for the X1M Transceiver.pdf
Uploaded by : deadgoose38 <deadgoose@...>
Description : Editorial changes, clarifications

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/A%20Users%20Guide%20for%20the%20X1M%20Transceiver.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

deadgoose38 <deadgoose@...>

901. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-18 00:44:44 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 901

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Manuals/X1M Quick Reference.pdf
Uploaded by : deadgoose38 <deadgoose@...>
Description : Minor editorial changes

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/X1M%20Quick%20Reference.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

deadgoose38 <deadgoose@...>

902. Re: Lighthouse

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-18 00:48:00 UTC
From: W3FIS
Topic: 893 Message: 902

I have used both an LDG Z-100Plus and Z817 auto tuners with success. Didn't bother to try the MFJ-902 "Travel Tuner," but it should work. Key down just long enough to get the tuner to cycle.

73 /paul W3FIS

903. A COUPLE OF SUGGESTIONS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-18 04:12:14 UTC
From: Charlie , W5COV
Topic: 903 Message: 903

This might save some of some headaches later on .
Keep you a notebook handy to make notes in for the actual operation of your X1M PRO and to also note any problems and what you were doing when the problem showed up .

Also I would STRONGLY suggest that everyone access you SYSTEMS MENU and record the present values currently stored for each item in the list.

This will allow you to restore these values in the case they get changed for some reason .

I would like to suggest the following SSB frequencies for all of us to monitor with our X1M's while we have it on and are not engaged in using it for some specific purpose . Kind of a "watering hole" for we owners to meet each other and discuss our rigs and get to know each other better .

This is just a very rough draft proposal and if you have a better suggestion PLEASE share it with the group .

75 Meters LSB 3.895 MHz.
40 Meters LSB 7.210 MHz.
20 Meters USB 14.325 MHz.
15 Meters USB 21.290 MHz.
10 Meters USB 28.510 MHz.

Since I don't know where everyone lives , I will likely spend a lot of time listening on 40 and 20 meters , depending on conditions and time of day .

Perhaps we can eventually get down to one or two sessions a week at a specific time and frequency that works the best for the largest number of people involved.

I live right on the Oklahoma / Kansas state line . I can quite literally see the buildings over in Kansas from my back yard . I live in the Northeast Corner of Oklahoma .

Hope to be on 30 and 17 meters tomorrow with my PRO .

Charlie , W5COV

904. Re: [X1M_QRP-Transceiver] A COUPLE OF SUGGESTIONS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-18 10:46:11 UTC
From: Ken Downs
Topic: 903 Message: 904

Charlie,
Thanks for the suggestions. I will try to monitor those freq's when I'm in the shack.
Quick question for you: You mentioned 30 & 17 meters - two great bands. How do you do that with the X1M?
I know to unlock the transmitter, but are you using external band-pass filters, or just a good sharp antenna tuner, or what?
Please let me know. I should be receiving my rig early this coming week.
Thanks in advance and 73!
Ken, W1KRT
FN33 New Hampshire

On Aug 18, 2013, at 12:12 AM, Charlie , W5COV wrote:

This might save some of some headaches later on .
Keep you a notebook handy to make notes in for the actual operation of your X1M PRO and to also note any problems and what you were doing when the problem showed up .

Also I would STRONGLY suggest that everyone access you SYSTEMS MENU and record the present values currently stored for each item in the list.

This will allow you to restore these values in the case they get changed for some reason .

I would like to suggest the following SSB frequencies for all of us to monitor with our X1M's while we have it on and are not engaged in using it for some specific purpose . Kind of a "watering hole" for we owners to meet each other and discuss our rigs and get to know each other better .

This is just a very rough draft proposal and if you have a better suggestion PLEASE share it with the group .

75 Meters LSB 3.895 MHz.
40 Meters LSB 7.210 MHz.
20 Meters USB 14.325 MHz.
15 Meters USB 21.290 MHz.
10 Meters USB 28.510 MHz.

Since I don't know where everyone lives , I will likely spend a lot of time listening on 40 and 20 meters , depending on conditions and time of day .

Perhaps we can eventually get down to one or two sessions a week at a specific time and frequency that works the best for the largest number of people involved.

I live right on the Oklahoma / Kansas state line . I can quite literally see the buildings over in Kansas from my back yard . I live in the Northeast Corner of Oklahoma .

Hope to be on 30 and 17 meters tomorrow with my PRO .

Charlie , W5COV

905. Re: Output Power Problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-18 15:21:18 UTC
From: ballardian36
Topic: 420 Message: 905

Hi Terry and all,

Any success reseating the front panel? I just finally got my replacement one on the bench and had no output on any SSB bands -- haven't tried CW. I'm going to try and reseat the panel today but curious if anyone has been able to recover from a no output situation or have they all gone back to Ed or into the broken piles?

-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, "Terry" <tbaugh@...> wrote:
>
> FWIW, when my radio arrived a couple of weeks ago, it received well but there was no output power CW or SSB, nor did the mic light when keyed.Internal inspections showed nothing obvious & I tried the mic connection fixes with no success & made plans to ship it back. A final quick peek under the covers & still nothing seen.
> One last check with the dummy load & bingo, full power(4-6W) out on CW everywhere except 18.1 where it's 3 Watts.
> Dale at Kight Radio, who has been most helpful, advises that this has been a problem of the front panel not making good contact & that removing & replacing the front panel has often resolved issue.
> This is next on my to do list even thought it continues to function correctly.
> And, if anyone is interested, I have measured CW output power at every even Mhz. from 1-30 as well as within each amateur band.
> 73, Terry, VE7TEB
>

906. Re: [X1M_QRP-Transceiver] Re: Output Power Problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-18 20:44:30 UTC
From: Charlie , W5COV
Topic: 420 Message: 906

Was this while talking into the microphone or inserting a two tone signal ? SSB will show zero output when it is operating properly until there is audio applied .

Charlie , W5COV

On 8/18/2013 10:21 AM, ballardian36 wrote:
>
> Hi Terry and all,
>
> Any success reseating the front panel? I just finally got my
> replacement one on the bench and had no output on any SSB bands --
> haven't tried CW. I'm going to try and reseat the panel today but
> curious if anyone has been able to recover from a no output situation
> or have they all gone back to Ed or into the broken piles?
>
> -Chris
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, "Terry" <tbaugh@...>
> wrote:
> >
> > FWIW, when my radio arrived a couple of weeks ago, it received well
> but there was no output power CW or SSB, nor did the mic light when
> keyed.Internal inspections showed nothing obvious & I tried the mic
> connection fixes with no success & made plans to ship it back. A final
> quick peek under the covers & still nothing seen.
> > One last check with the dummy load & bingo, full power(4-6W) out on
> CW everywhere except 18.1 where it's 3 Watts.
> > Dale at Kight Radio, who has been most helpful, advises that this
> has been a problem of the front panel not making good contact & that
> removing & replacing the front panel has often resolved issue.
> > This is next on my to do list even thought it continues to function
> correctly.
> > And, if anyone is interested, I have measured CW output power at
> every even Mhz. from 1-30 as well as within each amateur band.
> > 73, Terry, VE7TEB
> >
>
>

907. Questions for the group

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-18 21:01:36 UTC
From: W3FIS
Topic: 907 Message: 907

I have pretty well figured out most of the parameters in the system menu. However, the following ones need clarification. Does anyone have a clear idea of what they do??

#06 - CW TDLY - QSK??

#08 - TXP TIM - Transmitting time set????

#12 - DDS clock setting - calibration fudge factor/countdown?

#13 - DDS MLT - likely "overclocking," but not sure.

Also, LSB is a little "basey" on 40 meters - I can apparently correct this with a change in #02 -- LSB BFO, by setting it to around 08998750 to 350. If you can copy a good LSB signal, you can fiddle with the setting as you listen.

Any insights would be appreciated.

73 /paul W3FIS

908. Microphones

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-18 23:05:23 UTC
From: W3FIS
Topic: 908 Message: 908

I am looking at that nice 1/2 of an Ethernet cable left over from the audio digital patch cord project. I have a nice amplified MFJ-297 desk microphone. Hm...

Has anybody used an aftermarket microphone on the X1M? I do admit that the desk microphone is gross overkill, but...

This whole thing is getting entirely out of hand... <grin>

73 /paul W3FIS

909. Re: [X1M_QRP-Transceiver] Microphones

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-18 23:52:10 UTC
From: Charlie , W5COV
Topic: 908 Message: 909

I have tried 2 computer headsets now and a Kenwood MC-60 amplified desk mike with mine during testing . All work fine . The headsets have the advantage when I am doing actual operating so I can type notes and use my logging program at the same time .
The MC-60 sounds a little better with the base in my voice . It also has the advantage of being able to adjust the mic gain without getting inside of the radio .
I built a very small test box so I can test more microphones . I can switch impedance easily however I need to with my little box. I have a D-104 and a Shure 444 sitting there ready to test , but a couple of other "accessories" need to be completed before I play with any more microphones.
Get the soldering iron out and give it a try Paul !!
I had to drop down to 7.208.5 and have had a nice clear frequency all afternoon . I did make one contact with Steve , KU4IU , he is located in Alabama , and we chatted for about 10 minutes . We were both running dipoles at about 30 feet , but he was not running an X1M .
lol Paul , I am probably the worst offender at not really needed accessories and overkill for X1M projects . I am thinking now that if I EVER finish experimenting with this beautiful little rig , that it is likely to end up in a console , kind of like the CPU on a computer , but instead the heartbeat of a great little low band regular ham station setup , with every little accessory you can dream of .
Right now there is TOO LITTLE TIME to build everything I want to end up with as accessories !!!
Guess I am going to have to start saving my pennies once again to buy another one of these to use like I had planned on . I have a travel trailer out at my sisters farm , that I often spend time at to escape the boring life of an old bachelor , that is often home bound .
This was the perfect sized rig , with an external filter box for the other 5 ham bands to leave in the trailer and I could leave it out there all the time and not be too concerned if it did happen to get stolen .
(That isn't too likely , since my sister has a new home she lives in there , very close to where the travel trailer is parked)
Looks like 40 is starting to hear some broadcast stations this early in the evening . May have to find a different frequency .

Charlie , W5COV

On 8/18/2013 6:05 PM, W3FIS wrote:
>
> I am looking at that nice 1/2 of an Ethernet cable left over from the
> audio digital patch cord project. I have a nice amplified MFJ-297 desk
> microphone. Hm...
>

> Has anybody used an aftermarket microphone on the X1M? I do admit that
> the desk microphone is gross overkill, but...
>
> This whole thing is getting entirely out of hand... <grin>
>
> 73 /paul W3FIS
>
>

910. Re: Microphones

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-19 00:06:44 UTC
From: W3FIS
Topic: 908 Message: 910

Definitely on the project list for tomorrow then.

I have a nice boom microphone for Skype, so might very well consider using that for the X1M as well. Just need a couple of bits and pieces from Radio Shack for that. I do like having hands free.

The MFJ-297 has a "lock" mode on one of the PTT switches. I also have a nice foot switch, so could easily rig that up. Put it all in a box...

Made a nice contact earlier on 20 with N4LEM in Cocoa, FL. About 745 miles. Moving right along. Gave me a 5x7 which is quite acceptable. No idea what he was using, but I could have lit up my toaster with his signal.

73 /paul W3FIS

911. Re: Microphones

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-19 01:09:40 UTC
From: W3FIS
Topic: 908 Message: 911

Gave it a try. No joy. The MFJ-297 screws up the bias network on the X1M. I need either a blocking capacitor, or an isolation transformer (like the SignaLink USB interface). Back to the drawing board/soldering iron.

73 /paul W3FIS

912. Re: A COUPLE OF SUGGESTIONS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-19 01:10:46 UTC
From: W3FIS
Topic: 903 Message: 912

Next itteration of the manual will have the desired table in it.

73 /paul W3FIS

913. Re: Lighthouse

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-19 05:28:47 UTC
From: wjfbob
Topic: 893 Message: 913

Had a great time today working the Lighthouse's from my California QTH. Made it to Georgia, NY, Oregon, Washington St. and several contest Stations. It was a good test for the little QRP Rig. Mine is the original and works great. It came with a Buddipole delux package. Ready to try it on the Buddipole now.

Enjoy the Group info here.

Regards,
Bob
N6DKA

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> Just worked Sandy Hook , New Jersey Lighthouse on 20 meters (N2MO) . (
> 14.265)
> Conditions pretty marginal to the central US from the East Coast , but
> got a 5-6 report .
>
> But good start worked 1st one on 1st call.
>
> Charlie , W5COV
>

914. My new X1M-Pro - Do I have a problem or 4?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-19 12:29:45 UTC
From: pezcat19
Topic: 914 Message: 914

Hi All,

I have finally received my X1M Pro here in VK. It has been a loooong wait for me. All is/was not as good as I hoped, so I have a couple of questions (and observations) for the group:

Questions:

1 - Unless the RX signal is BIG, the speaker audio is VERY low. Listening to very weak signals is impossible unless in a very quite location. The receiver is VERY quiet - perhaps almost a little deaf when compared to my FT817. Is this normal?

2 - BIG RX signals are louder, but they "clip" and break-up if the volume control is set too high (roughly 3/4 or higher) - Is this normal?

3 - LSB mode was unusable out of the box. It sounded so bad that you could not actually understand LSB signals at all. IF Offset default was 08999850. I have adjusted this to 08999150 and then set LSB and USB offsets accordingly. It is better now, (all modes "work") however I have lost some of the audio "highs" in both USB and LSB modes. Is this normal?

4 - I can not hear a filter relay click "In or Out" for 10M band. Is a relay supposed to engage for 10M filters?

Observations:

- The internal speaker was loose - Now fixed with some hot melt glue.

- The LK/SYS button was very intermittent. I cleaned the contact with cleaner and now it works well.

- The LCD was not straight. I have re-aligned this and it looks good now. (protective film was still attached to internal LCD screen - I have removed this now and the screen is super clear).

Any advice and comments regarding my questions (i.e - is my radio faulty?) would be appreciated!

Thanks and 73

Perrin VK3XPT

915. New York to Texas

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-19 12:47:00 UTC
From: w2ndg_neil
Topic: 915 Message: 915

I was making some lighthouse contacts on my Atlas 210X, as well as some NA QSO Party contacts this past weekend, and switched the antenna over to the X1M (early model). I worked 2 stations in Texas on 15M. Got great reports, including a"great signal for QRP". This was with an end-fed wire antenna, and a 9-1 UN-UN, hooked into my base tuner, not the tiny Emtech I usually use. Kind of funny though, that in this configuration, my tuner is 6 times the size of my rig.

I also confirmed again with some quick experimenting that you REALLY DON'T want to operate these outside of the filtered areas. Lots of unwanted signals coming out. I'm thinking of making a couple of low pass filters for 17 and 12.

I picked up a used foam case for $1 at a yard sale, and now have it set up to hold the radio, tuner, antenna wires, etc. Works well, and is about the size of an old cassette organizer. For now I'm still operating from the car battery with a long 12V extension cord. Hoping to get some sort of battery solution in place that will also fit in the case. How is the new model with low voltage? The receiver on the original model starts to squeal with anything below 11.5 volts.

916. RE: [X1M_QRP-Transceiver] New York to Texas

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-19 13:08:50 UTC
From: Lee
Topic: 915 Message: 916

As for your battery, I picked up 2 12 volt 6800mah Li-PO from ebay for $21 each. They are small and measure 2.5 x 4 x 1 inches. My solar panels get here today so I can be ready for a Zombie Attack.

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of w2ndg_neil
Sent: Monday, August 19, 2013 7:47 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] New York to Texas

I was making some lighthouse contacts on my Atlas 210X, as well as some NA QSO Party contacts this past weekend, and switched the antenna over to the X1M (early model). I worked 2 stations in Texas on 15M. Got great reports, including a"great signal for QRP". This was with an end-fed wire antenna, and a 9-1 UN-UN, hooked into my base tuner, not the tiny Emtech I usually use. Kind of funny though, that in this configuration, my tuner is 6 times the size of my rig.

I also confirmed again with some quick experimenting that you REALLY DON'T want to operate these outside of the filtered areas. Lots of unwanted signals coming out. I'm thinking of making a couple of low pass filters for 17 and 12.

I picked up a used foam case for $1 at a yard sale, and now have it set up to hold the radio, tuner, antenna wires, etc. Works well, and is about the size of an old cassette organizer. For now I'm still operating from the car battery with a long 12V extension cord. Hoping to get some sort of battery solution in place that will also fit in the case. How is the new model with low voltage? The receiver on the original model starts to squeal with anything below 11.5 volts.

917. Re: [X1M_QRP-Transceiver] New York to Texas

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-19 15:44:28 UTC
From: Mark Thompson
Topic: 915 Message: 917

Glad to hear another person making great contacts on their X1M. I also have one of the early ones and love it. I have made some contacts on 17 and 12 with great results, I just turn the preamp off. Check out my QRZ page log. All contacts in my log are only for my X1M. Most are DX with a ground mounted Butternut verticle antenna.
73
Mark (KV8T)
On Aug 19, 2013 8:47 AM, "w2ndg_neil" <neilgoldstein@...> wrote:

> **
>
>
> I was making some lighthouse contacts on my Atlas 210X, as well as some NA
> QSO Party contacts this past weekend, and switched the antenna over to the
> X1M (early model). I worked 2 stations in Texas on 15M. Got great reports,
> including a"great signal for QRP". This was with an end-fed wire antenna,
> and a 9-1 UN-UN, hooked into my base tuner, not the tiny Emtech I usually
> use. Kind of funny though, that in this configuration, my tuner is 6 times
> the size of my rig.
>
> I also confirmed again with some quick experimenting that you REALLY DON'T
> want to operate these outside of the filtered areas. Lots of unwanted
> signals coming out. I'm thinking of making a couple of low pass filters for
> 17 and 12.
>
> I picked up a used foam case for $1 at a yard sale, and now have it set up
> to hold the radio, tuner, antenna wires, etc. Works well, and is about the
> size of an old cassette organizer. For now I'm still operating from the car
> battery with a long 12V extension cord. Hoping to get some sort of battery
> solution in place that will also fit in the case. How is the new model with
> low voltage? The receiver on the original model starts to squeal with
> anything below 11.5 volts.
>
>
>

918. Re: New York to Texas

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-19 19:21:32 UTC
From: w2ndg_neil
Topic: 915 Message: 918

"I just turn the preamp off"

This isn't helping the issue at hand. The radio puts out a rather nasty spur about 10Mhz up from your transmit frequency (in addition to others) when you're outside of the filtered areas. The filters you hear click in and out are not the same thing as the preamp. For 17M, that means you're putting out a rather strong signal right in the middle of the CW section of 10M, and for 12M, you're potentially interfering with local fire call frequencies.

The preamp effects receiving only, whereas the bandpass filters that click in and out for 80, 40, 20, 15, and 10 are for transmit and receive.

919. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 00:52:10 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 919

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Manuals/A Users Guide for the X1M Transceiver.pdf
Uploaded by : deadgoose38 <deadgoose@...>
Description : More update, edits...

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/A%20Users%20Guide%20for%20the%20X1M%20Transceiver.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

deadgoose38 <deadgoose@...>

920. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 01:24:19 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 920

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Manuals/A Users Guide for the X1M Transceiver v1-2-7.pdf
Uploaded by : deadgoose38 <deadgoose@...>
Description : Various edits

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/A%20Users%20Guide%20for%20the%20X1M%20Transceiver%20v1-2-7.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

deadgoose38 <deadgoose@...>

921. Still no X1M in Germany!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 05:21:48 UTC
From: Andy
Topic: 921 Message: 921

More and more Guss are enjoying their new Platinum Edition but not even the old one made it to Germany until now.. It's a shame that the Chinese can't keep their delivery time! Guess I will cancel my pre-order if the radio will not arrive weithin the next week. It is no alternative for me to order in the US because taxes will bring up the price to 450$

73 Andy DC3AFA

923. Re: Still no X1M in Germany!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 12:21:01 UTC
From: David Harvey
Topic: 921 Message: 923

Hi Andy.

I hope you get your radio soon. I know what it is like to be waiting while others already have their new toys!

I am still waiting for mine to reach me here in Australia. I ordered it from Kightradio.com months ago.

73,

David Harvey, VK2DMH
SKCC #10617, FP #3184, NAQCC #6734

Mobile: 0405 939 431
Home: +61 (0)2 9875 1203
email: gedanate@...
web: www.davidharveysydney.com
blog: http://low-fat-food-is-a-lie.blogspot.com.au/
other: http://walkietalkietwowayradios.com/

924. Re: My new X1M-Pro - Do I have an audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 12:30:02 UTC
From: pezcat19
Topic: 914 Message: 924

Hi Gang,

Do you have any ideas for me?

I have made some successful contacts today, but the Audio/Volume issue continues to be a problem for me. Workable "strong" signals distort and cut out (clip) if the volume is too high (at above 3/4 scale), which is right where the comfortable listening volume would be on my rig. This means I am constantly needing to run a lower volume than I would like, and I have perfect hearing (I can't blame my ears)!

As I mentioned in my first post, weaker signals are extremely quite and today I was unable to hear some stations while working from the outdoor coffee table, due to the regular 'ambient' noise of the outdoors!

I would love to know if all the X1M's behave the same, or If I have a problem with the audio stage.

Thanks again,

Perrin VK3XPT

925. Re: My new X1M-Pro - Do I have an audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 13:12:11 UTC
From: wstearns@rocketmail.com
Topic: 914 Message: 925

I sent my first unit back for replacement after I experienced the same issue, although when I did the general reset the keyer stopped working properly. Ed sent me another unit which I received yesterday and it has the same audio issues. I'm assuming now that this is by design since it's lacking any AGC on the audio side. I didn't realize that it mattered that much, but apparently it does. I was hoping someone has a small circuit that can be put inline with the audio out to compensate for this? Or if there is plans to fix this in a firmware update on the rig. Any amount of AGC would help. As of now, I don't know how you would attempt working any weak signals or fading signals without giving yourself a workout on the volume control. Would love others opinions on this as well. Would hate to think that this is a paperweight.

Bill, NE4RD

--- In X1M_QRP-Transceiver@yahoogroups.com, "pezcat19" <pezcat19@...> wrote:
>
> Hi Gang,
>
> Do you have any ideas for me?
>
> I have made some successful contacts today, but the Audio/Volume issue continues to be a problem for me. Workable "strong" signals distort and cut out (clip) if the volume is too high (at above 3/4 scale), which is right where the comfortable listening volume would be on my rig. This means I am constantly needing to run a lower volume than I would like, and I have perfect hearing (I can't blame my ears)!
>
> As I mentioned in my first post, weaker signals are extremely quite and today I was unable to hear some stations while working from the outdoor coffee table, due to the regular 'ambient' noise of the outdoors!
>
> I would love to know if all the X1M's behave the same, or If I have a problem with the audio stage.
>
> Thanks again,
>
> Perrin VK3XPT
>

926. Re: My new X1M-Pro - Do I have an audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 13:33:29 UTC
From: pezcat19
Topic: 914 Message: 926

Hi Bill,

Thanks for the info. Sorry to hear you are also having issues. Did yours clip and cut-out on strong signals too? I find this the hardest thing to deal with, as when dealing with a strong signal with QSB, it can be a real challenge keeping the volume loud enough to hear, and at the same time, not so loud that it clips/ cuts out...

(I would rather fix my rig than have to send it back to the USA from VK, as shipping from here is not cheap!)

I am keen to hear how the other X1M-PRO (Platinum) users are finding this. Please let us know!

73

Perrin VK3XPT

927. Re: [X1M_QRP-Transceiver] Re: My new X1M-Pro - Do I have an audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 13:39:06 UTC
From: Charlie , W5COV
Topic: 914 Message: 927

How is it with a set of headphones ? My audio is so low without an antenna you barely can hear any noise at all from the speaker with your ear laying on the speaker . I do have to use it in a quiet radio room and the volume is increased enough to be able to listen to it without using full volume.

The clipping problem may be worse at your location . The lack of AGC causes distortion at high volume with strong signals . You may have to turn your preamp off . A little manipulation of the controls and you can usually receive pretty well with it at a decent colume as long as you do not have much , if any ambient noise .

It may get better if you go through an alignment of the controls on the menu . Some settings are pretty far off from ideal when they come from the factory . A few of us have been working on trying to add ore information in the manual to aid in getting the radio more closely aligned .

Yours "may" be a little worse than mine , but it is difficult to tell without being able to compare them side by side . There really isn't any volume to spare and especially where ambient noise is high enough that you hear that too , contributing to the total "background noise."

I am a bachelor and live alone so most of the time it is quiet enough I can use it without having to use phones , as long as I don't have a TV or another receiver on at the same time . The lack of AGC here in the USA isn't too bad until you get on a strong signal in the AM Broadcast Band and have the volume cranked almost all the way up . Turning the preamp off "usually" will resolve this .

Charlie , W5COV

On 8/20/2013 7:30 AM, pezcat19 wrote:
>
> Hi Gang,
>
> Do you have any ideas for me?
>
> I have made some successful contacts today, but the Audio/Volume issue
> continues to be a problem for me. Workable "strong" signals distort
> and cut out (clip) if the volume is too high (at above 3/4 scale),
> which is right where the comfortable listening volume would be on my
> rig. This means I am constantly needing to run a lower volume than I
> would like, and I have perfect hearing (I can't blame my ears)!
>
> As I mentioned in my first post, weaker signals are extremely quite

> and today I was unable to hear some stations while working from the
> outdoor coffee table, due to the regular 'ambient' noise of the outdoors!
>
> I would love to know if all the X1M's behave the same, or If I have a
> problem with the audio stage.
>
> Thanks again,
>
> Perrin VK3XPT
>
>

928. Re: My new X1M-Pro - Do I have an audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 13:56:56 UTC
From: wstearns@rocketmail.com
Topic: 914 Message: 928

I'll play with mine a little more tonight and provide more feedback. I didn't try headphones since I was demoing it to my son, but will try that tonight. I really like the size of the unit and want to make it work for back country camping/hiking, but don't want to carry another 5 pounds in gear to accommodate some of it's shortcomings. I look forward to other's suggestions on what settings work best on the rig, especially how to fix the lame CW keyer. :-P

Bill, NE4RD

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> How is it with a set of headphones ? My audio is so low without an
> antenna you barely can hear any noise at all from the speaker with your
> ear laying on the speaker . I do have to use it in a quiet radio room
> and the volume is increased enough to be able to listen to it without
> using full volume.
>
> The clipping problem may be worse at your location . The lack of AGC
> causes distortion at high volume with strong signals . You may have to
> turn your preamp off . A little manipulation of the controls and you can
> usually receive pretty well with it at a decent colume as long as you do
> not have much , if any ambient noise .
>
> It may get better if you go through an alignment of the controls on the
> menu . Some settings are pretty far off from ideal when they come from
> the factory . A few of us have been working on trying to add ore
> information in the manual to aid in getting the radio more closely aligned .
>
> Yours "may" be a little worse than mine , but it is difficult to tell
> without being able to compare them side by side . There really isn't any
> volume to spare and especially where ambient noise is high enough that
> you hear that too , contributing to the total "background noise."
>
> I am a bachelor and live alone so most of the time it is quiet enough I
> can use it without having to use phones , as long as I don't have a TV
> or another receiver on at the same time . The lack of AGC here in the
> USA isn't too bad until you get on a strong signal in the AM Broadcast
> Band and have the volume cranked almost all the way up . Turning the
> preamp off "usually" will resolve this .
>
> Charlie , W5COV
>
> On 8/20/2013 7:30 AM, pezcat19 wrote:
> >
> > Hi Gang,

> >
> > Do you have any ideas for me?
> >
> > I have made some successful contacts today, but the Audio/Volume issue
> > continues to be a problem for me. Workable "strong" signals distort
> > and cut out (clip) if the volume is too high (at above 3/4 scale),
> > which is right where the comfortable listening volume would be on my
> > rig. This means I am constantly needing to run a lower volume than I
> > would like, and I have perfect hearing (I can't blame my ears)!
> >
> > As I mentioned in my first post, weaker signals are extremely quite
> > and today I was unable to hear some stations while working from the
> > outdoor coffee table, due to the regular 'ambient' noise of the outdoors!
> >
> > I would love to know if all the X1M's behave the same, or If I have a
> > problem with the audio stage.
> >
> > Thanks again,
> >
> > Perrin VK3XPT
> >
> >
>

929. Re: My new X1M-Pro - Do I have an audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 14:19:15 UTC
From: pezcat19
Topic: 914 Message: 929

Hi Charlie, Thanks for sharing your experiences so far. Some more comments below:

Regarding headphones: It is "OK" with headphones, however the same problems exist. The same is true with an external speaker, although this does help increase the output (I will not be carrying an external speaker with the X1M, as it's small size is the whole point of this rig! :)

Regarding Clipping and the PreAmp: The PreAmp OFF makes the rig even quieter, but the clipping seems to occur when the volume is up past 3/4 regardless of preamp ON or OFF. With the PreAmp ON, I can get more audio output without clipping occurring (when compared to PreAmp OFF and a higher Volume control setting)... This seems a bit strange to me.

Regarding my Location and Signals: I operate SSB only, and I am having the clipping issues on "normal" SSB DX signals on the usual bands - 80, 40, 20 etc.

Regarding the Alignment menu: I have adjusted the IF, LSB and USB offsets as LSB was unusable to begin with. Apart from the problems I have detailed, it works OK now on these modes. However, I would look forward to more information on the other settings in the menu, and if these can help make the rig better...

73

Perrin

930. RE: [X1M_QRP-Transceiver] Re: My new X1M-Pro - Do I have an audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 14:49:36 UTC
From: Fred VE3FAL
Topic: 914 Message: 930

Mine is the same with no antenna, put antenna on and all kinds of volume, I run mine at about 11 oclock and plenty loud.

Fred

Ve3fal

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: August 20, 2013 9:39 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: My new X1M-Pro - Do I have an audio problem?

How is it with a set of headphones ? My audio is so low without an antenna you barely can hear any noise at all from the speaker with your ear laying on the speaker . I do have to use it in a quiet radio room and the volume is increased enough to be able to listen to it without using full volume.

The clipping problem may be worse at your location . The lack of AGC causes distortion at high volume with strong signals . You may have to turn your preamp off . A little manipulation of the controls and you can usually receive pretty well with it at a decent colume as long as you do not have much , if any ambient noise .

It may get better if you go through an alignment of the controls on the menu . Some settings are pretty far off from ideal when they come from the factory . A few of us have been working on trying to add ore information in the manual to aid in getting the radio more closely aligned .

Yours "may" be a little worse than mine , but it is difficult to tell without being able to compare them side by side . There really isn't any volume to spare and especially where ambient noise is high enough that you hear that too , contributing to the total "background noise."

I am a bachelor and live alone so most of the time it is quiet enough I can use it without having to use phones , as long as I don't have a TV or another receiver on at the same time . The lack of AGC here in the USA isn't too bad until you get on a strong signal in the AM Broadcast Band and have the volume cranked almost all the way up . Turning the preamp off "usually" will resolve this .

Charlie , W5COV

On 8/20/2013 7:30 AM, pezcat19 wrote:

Hi Gang,

Do you have any ideas for me?

I have made some successful contacts today, but the Audio/Volume issue continues to be a problem for me. Workable "strong" signals distort and cut out (clip) if the volume is too high (at above 3/4 scale), which is right where the comfortable listening volume would be on my rig. This means I am constantly needing to run a lower volume than I would like, and I have perfect hearing (I can't blame my ears)!

As I mentioned in my first post, weaker signals are extremely quite and today I was unable to hear some stations while working from the outdoor coffee table, due to the regular 'ambient' noise of the outdoors!

I would love to know if all the X1M's behave the same, or If I have a problem with the audio stage.

Thanks again,

Perrin VK3XPT

931. Re: [X1M_QRP-Transceiver] Re: My new X1M-Pro - Do I have an audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 15:31:24 UTC
From: Ken Downs
Topic: 914 Message: 931

Perrin,
Would you mind sharing your settings with the rest of us? I received my Pro yesterday and, like you, found LSB virtually unusable. I do not understand the functioning of the "IF Offset" and so far have been unable to determine the actual crystal filter center frequency. CW is okay, but one sideband or the other is way off. This is probably due to my methodology (minimal test gear): good strong AM broadcast signal and try to equalize the sidebands by adjusting Offset. But then the BFO adjustments come into play, and...
If you would share your settings, I would appreciate it very much.
Thanks, and have fun! I would rate the audio gain on the X1M weak, and lack of AGC very unfortunate, but it is a fun little rig to play with.
Ken, W1KRT
"Pro" model sn 0000041

On Aug 20, 2013, at 10:19 AM, pezcat19 wrote:

Hi Charlie, Thanks for sharing your experiences so far. Some more comments below:

Regarding headphones: It is "OK" with headphones, however the same problems exist. The same is true with an external speaker, although this does help increase the output (I will not be carrying an external speaker with the X1M, as it's small size is the whole point of this rig! :)

Regarding Clipping and the PreAmp: The PreAmp OFF makes the rig even quieter, but the clipping seems to occur when the volume is up past 3/4 regardless of preamp ON or OFF. With the PreAmp ON, I can get more audio output without clipping occurring (when compared to PreAmp OFF and a higher Volume control setting)... This seems a bit strange to me.

Regarding my Location and Signals: I operate SSB only, and I am having the clipping issues on "normal" SSB DX signals on the usual bands - 80, 40, 20 etc.

Regarding the Alignment menu: I have adjusted the IF, LSB and USB offsets as LSB was unusable to begin with. Apart from the problems I have detailed, it works OK now on these modes. However, I would look forward to more information on the other settings in the menu, and if these can help make the rig better...

73

Perrin

932. Re: My new X1M-Pro - Do I have an audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 15:45:59 UTC
From: wstearns@rocketmail.com
Topic: 914 Message: 932

Could you share some of your setup and config there Fred? I hear the same signals versus my other rigs on the same antenna, so I think the receiver is fine. Audio levels from the same signal go from poor to worse as the signal fades below S5 on the other rigs. Signals above S8 are louder and above S9 begin to clip.

Bill, NE4RD

--- In X1M_QRP-Transceiver@...m, "Fred VE3FAL" <flesnick@...> wrote:
>
> Mine is the same with no antenna, put antenna on and all kinds of volume, I
> run mine at about 11 oclock and plenty loud.
>
>
>
> Fred
>
> Ve3fal
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
> Sent: August 20, 2013 9:39 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: Re: [X1M_QRP-Transceiver] Re: My new X1M-Pro - Do I have an audio
> problem?
>
>
>
>
>
> How is it with a set of headphones ? My audio is so low without an antenna
> you barely can hear any noise at all from the speaker with your ear laying
> on the speaker . I do have to use it in a quiet radio room and the volume is
> increased enough to be able to listen to it without using full volume.
>
> The clipping problem may be worse at your location . The lack of AGC causes
> distortion at high volume with strong signals . You may have to turn your
> preamp off . A little manipulation of the controls and you can usually
> receive pretty well with it at a decent colume as long as you do not have
> much , if any ambient noise .
>
> It may get better if you go through an alignment of the controls on the menu
> . Some settings are pretty far off from ideal when they come from the
> factory . A few of us have been working on trying to add ore information in

> the manual to aid in getting the radio more closely aligned .
>
> Yours "may" be a little worse than mine , but it is difficult to tell
> without being able to compare them side by side . There really isn't any
> volume to spare and especially where ambient noise is high enough that you
> hear that too , contributing to the total "background noise."
>
> I am a bachelor and live alone so most of the time it is quiet enough I can
> use it without having to use phones , as long as I don't have a TV or
> another receiver on at the same time . The lack of AGC here in the USA isn't
> too bad until you get on a strong signal in the AM Broadcast Band and have
> the volume cranked almost all the way up . Turning the preamp off "usually"
> will resolve this .
>
> Charlie , W5COV
>
> On 8/20/2013 7:30 AM, pezcat19 wrote:
>
>
>
> Hi Gang,
>
> Do you have any ideas for me?
>
> I have made some successful contacts today, but the Audio/Volume issue
> continues to be a problem for me. Workable "strong" signals distort and cut
> out (clip) if the volume is too high (at above 3/4 scale), which is right
> where the comfortable listening volume would be on my rig. This means I am
> constantly needing to run a lower volume than I would like, and I have
> perfect hearing (I can't blame my ears)!
>
> As I mentioned in my first post, weaker signals are extremely quite and
> today I was unable to hear some stations while working from the outdoor
> coffee table, due to the regular 'ambient' noise of the outdoors!
>
> I would love to know if all the X1M's behave the same, or If I have a
> problem with the audio stage.
>
> Thanks again,
>
> Perrin VK3XPT
>

933. Re: [X1M_QRP-Transceiver] Re: My new X1M-Pro - Do I have an audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 15:59:43 UTC
From: Dale Parfitt
Topic: 914 Message: 933

Has anyone peformed an MDS test on this rig?
I had been considering one, but am appalled at the lack of quality control.

Dale W4OP

----- Original Message -----
From: wstearns@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, August 20, 2013 11:45 AM
Subject: [X1M_QRP-Transceiver] Re: My new X1M-Pro - Do I have an audio problem?

Could you share some of your setup and config there Fred? I hear the same signals versus my other rigs on the same antenna, so I think the receiver is fine. Audio levels from the same signal go from poor to worse as the signal fades below S5 on the other rigs. Signals above S8 are louder and above S9 begin to clip.

Bill, NE4RD

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Mine is the same with no antenna, put antenna on and all kinds of volume, I
> run mine at about 11 oclock and plenty loud.
>
>
>
> Fred
>
> Ve3fal
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
> Sent: August 20, 2013 9:39 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: Re: [X1M_QRP-Transceiver] Re: My new X1M-Pro - Do I have an audio
> problem?
>
>
>
>
>
> How is it with a set of headphones ? My audio is so low without an antenna
> you barely can hear any noise at all from the speaker with your ear laying
> on the speaker . I do have to use it in a quiet radio room and the volume is

> increased enough to be able to listen to it without using full volume.
>
> The clipping problem may be worse at your location . The lack of AGC causes
> distortion at high volume with strong signals . You may have to turn your
> preamp off . A little manipulation of the controls and you can usually
> receive pretty well with it at a decent colume as long as you do not have
> much , if any ambient noise .
>
> It may get better if you go through an alignment of the controls on the menu
> . Some settings are pretty far off from ideal when they come from the
> factory . A few of us have been working on trying to add ore information in
> the manual to aid in getting the radio more closely aligned .
>
> Yours "may" be a little worse than mine , but it is difficult to tell
> without being able to compare them side by side . There really isn't any
> volume to spare and especially where ambient noise is high enough that you
> hear that too , contributing to the total "background noise."
>
> I am a bachelor and live alone so most of the time it is quiet enough I can
> use it without having to use phones , as long as I don't have a TV or
> another receiver on at the same time . The lack of AGC here in the USA isn't
> too bad until you get on a strong signal in the AM Broadcast Band and have
> the volume cranked almost all the way up . Turning the preamp off "usually"
> will resolve this .
>
> Charlie , W5COV
>
> On 8/20/2013 7:30 AM, pezcat19 wrote:
>
>
>
> Hi Gang,
>
> Do you have any ideas for me?
>
> I have made some successful contacts today, but the Audio/Volume issue
> continues to be a problem for me. Workable "strong" signals distort and cut
> out (clip) if the volume is too high (at above 3/4 scale), which is right
> where the comfortable listening volume would be on my rig. This means I am
> constantly needing to run a lower volume than I would like, and I have
> perfect hearing (I can't blame my ears)!
>
> As I mentioned in my first post, weaker signals are extremely quite and
> today I was unable to hear some stations while working from the outdoor
> coffee table, due to the regular 'ambient' noise of the outdoors!
>
> I would love to know if all the X1M's behave the same, or If I have a
> problem with the audio stage.
>
> Thanks again,

>
> Perrin VK3XPT
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6592 - Release Date: 08/20/13

934. Re: [X1M_QRP-Transceiver] Re: My new X1M-Pro - Do I have an audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 16:01:10 UTC
From: Mark Thompson
Topic: 914 Message: 934

In the shack I have mine connected to amplified stereo computer speakers.
Works great!
73
Mark (KV8T)
On Aug 20, 2013 8:45 AM, "pezcat19" <pezcat19@hotmail.com> wrote:

> **
>
>
> Hi Gang,
>
> Do you have any ideas for me?
>
> I have made some successful contacts today, but the Audio/Volume issue
> continues to be a problem for me. Workable "strong" signals distort and cut
> out (clip) if the volume is too high (at above 3/4 scale), which is right
> where the comfortable listening volume would be on my rig. This means I am
> constantly needing to run a lower volume than I would like, and I have
> perfect hearing (I can't blame my ears)!
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> As I mentioned in my first post, weaker signals are extremely quite and
> today I was unable to hear some stations while working from the outdoor
> coffee table, due to the regular 'ambient' noise of the outdoors!
>
> I would love to know if all the X1M's behave the same, or If I have a
> problem with the audio stage.
>
> Thanks again,
>
> Perrin VK3XPT
>
>
>

935. Re: [X1M_QRP-Transceiver] Re: New York to Texas

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 16:08:19 UTC
From: Mark Thompson
Topic: 915 Message: 935

I got ya. I don't know if mine does this or not. Really don't have a way to receive a signal at 34Mhz. I will have check what you are saying on 18Mhz at 28Mhz. If the unit is putting out 5 watts, I wonder what it is actually putting out 10Mhz up.
Thanks
Mark
On Aug 19, 2013 5:35 PM, "w2ndg_neil" <neilgoldstein@...> wrote:

> **
>
>
> "I just turn the preamp off"
>
> This isn't helping the issue at hand. The radio puts out a rather nasty
> spur about 10Mhz up from your transmit frequency (in addition to others)
> when you're outside of the filtered areas. The filters you hear click in
> and out are not the same thing as the preamp. For 17M, that means you're
> putting out a rather strong signal right in the middle of the CW section of
> 10M, and for 12M, you're potentially interfering with local fire call
> frequencies.
>
> The preamp effects receiving only, whereas the bandpass filters that click
> in and out for 80, 40, 20, 15, and 10 are for transmit and receive.
>
>
>

936. Re: [X1M_QRP-Transceiver] Re: My new X1M-Pro - Do I have an audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 16:42:57 UTC
From: M_AND_R_SHAREF
Topic: 914 Message: 936

Several hams in my radio club are using little 1 inch cube speakers with their KX3's . The speakers have amplifiers built in. I'm playing with an original X1M that one of the other members loaned me.

On Tue, Aug 20, 2013 at 12:01 PM, Mark Thompson <mhtent@...> wrote:

> **
>
>
> In the shack I have mine connected to amplified stereo computer speakers.
> Works great!
> 73
> Mark (KV8T)
> On Aug 20, 2013 8:45 AM, "pezcat19" <pezcat19@hotmail.com> wrote:
>
>> **
>>
>>
>> Hi Gang,
>>
>> Do you have any ideas for me?
>>
>> I have made some successful contacts today, but the Audio/Volume issue
>> continues to be a problem for me. Workable "strong" signals distort and cut
>> out (clip) if the volume is too high (at above 3/4 scale), which is right
>> where the comfortable listening volume would be on my rig. This means I am
>> constantly needing to run a lower volume than I would like, and I have
>> perfect hearing (I can't blame my ears)!
>>
>> As I mentioned in my first post, weaker signals are extremely quite and
>> today I was unable to hear some stations while working from the outdoor
>> coffee table, due to the regular 'ambient' noise of the outdoors!
>>
>> I would love to know if all the X1M's behave the same, or If I have a
>> problem with the audio stage.
>>
>> Thanks again,
>>
>> Perrin VK3XPT
>>
>>
>

937. Re: [X1M_QRP-Transceiver] Re: My new X1M-Pro - Do I have an audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 17:04:21 UTC
From: Stephen Black
Topic: 914 Message: 937

Can I have a bit more info on the speakers you mentioned? They might be just what I need for another project. Steve KB1CHU

On 8/20/2013 12:42 PM, M_AND_R_SHAREF wrote:
> Several hams in my radio club are using little 1 inch cube speakers
> with their KX3's . The speakers have amplifiers built in.

938. RE: [X1M_QRP-Transceiver] Re: My new X1M-Pro - Do I have an audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 17:07:35 UTC
From: Fred VE3FAL
Topic: 914 Message: 938

My daughter gave me an amplified speaker they were giving away with cases of bud light beer up here in Canada EH. It charges via USB and last forger, plug MP3 into it or it has a stereo cord to plug into other things, it work well too..

Fred

Ve3fal

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Stephen Black
Sent: August 20, 2013 1:04 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: My new X1M-Pro - Do I have an audio problem?

Can I have a bit more info on the speakers you mentioned? They might be just what I need for another project. Steve KB1CHU

On 8/20/2013 12:42 PM, M_AND_R_SHAREF wrote:

Several hams in my radio club are using little 1 inch cube speakers with their KX3's . The speakers have amplifiers built in.

939. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 17:36:12 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 939

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Manuals/Aliignment - simple.pdf
Uploaded by : deadgoose38 <deadgoose@...>
Description : Alignment procedure

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/Aliignment%20-%20simple.pd
f

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

deadgoose38 <deadgoose@...>

940. Re: [X1M_QRP-Transceiver] Re: My new X1M-Pro - Do I have an audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 17:38:51 UTC
From: M_AND_R_SHAREF
Topic: 914 Message: 940

I think they bought them at Radio Shack. I'll see if I can call one of them on vhf. Or e-mail them and make sure.

On Tue, Aug 20, 2013 at 1:07 PM, Fred VE3FAL <flesnick@...> wrote:

> **
>
>
> My daughter gave me an amplified speaker they were giving away with cases
> of bud light beer up here in Canada EH. It charges via USB and last forger,
> plug MP3 into it or it has a stereo cord to plug into other things, it work
> well too..****
>
> ** **
>
> Fred****
>
> Ve3fal****
>
> ** **
>
> *From:* X1M_QRP-Transceiver@yahoogroups.com [mailto:
> X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Stephen Black
> *Sent:* August 20, 2013 1:04 PM
>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* Re: [X1M_QRP-Transceiver] Re: My new X1M-Pro - Do I have an
> audio problem?****
>
> ** **
>
> ****
>
> Can I have a bit more info on the speakers you mentioned? They might be
> just what I need for another project. Steve KB1CHU
>
>
>
> On 8/20/2013 12:42 PM, M_AND_R_SHAREF wrote:****
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> ****
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> their KX3's . The speakers have amplifiers built in. ****

>
> ** **
>
> ****
>
>
>

941. Re: Questions for the group

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 18:54:07 UTC
From: W3FIS
Topic: 907 Message: 941

Still waiting for input on the goofy parameters.

Inquiring minds want to know....

As to alignment, now in the most recent version of the User's Guide, and a separate file on the file section as well.

73 /paul W3FIS

942. RE: [X1M_QRP-Transceiver] Re: Questions for the group

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 19:01:54 UTC
From: Fred VE3FAL
Topic: 907 Message: 942

I am curious to see if everyone comes up with the same numbers or close.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of W3FIS
Sent: August 20, 2013 2:54 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Questions for the group

Still waiting for input on the goofy parameters.

Inquiring minds want to know....

As to alignment, now in the most recent version of the User's Guide, and a
separate file on the file section as well.

73 /paul W3FIS

943. Re: [X1M_QRP-Transceiver] Re: Questions for the group

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-20 22:59:42 UTC
From: M_AND_R_SHAREF
Topic: 907 Message: 943

On the speakers Jim, who own's the X1M I'm playing with say's he and the other three hams in the club bought them a Wallmarts.

On Tue, Aug 20, 2013 at 3:01 PM, Fred VE3FAL <flesnick@...> wrote:

> **
>
>
> I am curious to see if everyone comes up with the same numbers or close.**
> **
>
> ** **
>
> Fred****
>
> VE3FAL****
>
> ** **
>
> *From:* X1M_QRP-Transceiver@yahoogroups.com [mailto:
> X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *W3FIS
> *Sent:* August 20, 2013 2:54 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] Re: Questions for the group****
>
> ** **
>
> ****
>
> Still waiting for input on the goofy parameters.
>
> Inquiring minds want to know....
>
> As to alignment, now in the most recent version of the User's Guide, and a
> separate file on the file section as well.
>
> 73 /paul W3FIS****
>
> ****
>
>
>

944. W1AW

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 00:06:33 UTC
From: Fred VE3FAL
Topic: 944 Message: 944

Been listening to W1AW most of the evening on 14.0475 and have the audio at about 10 o'clock position and plenty loud enough and no overloading.

Will try and get some video and put on website..

Fades do drop quite a bit but still can copy without any issues, very clear and clean signal...

Fred

VE3FAL

945. Re: My new X1M-Pro - Do I have an audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 00:21:14 UTC
From: pezcat19
Topic: 914 Message: 945

Hi Ken, and the group.

I know this has been covered before, but here is my 'no test equipment' method for aligning the X1M Pro/Platinum, which resolves the LSB issue.

This will be a NON TECHNICAL procedure. Here we go:

First we need to adjust the IF Offset. I don't have the correct technical term for this, but what we will be doing here is "centering the IF Offset between the "sweet spots" for the USB BFO and LSB BFO" ... If you are having the LSB audio problem, then your X1M-PRO is most likely too far towards the USB end of the scale, putting LSB "too far away to work correctly".

GENERAL RULE: If you Lower the IF Offset by a value of -300, then you should also adjust the LSB BFO / USB BFO by the same amount (delta) of 300. If you adjust the IF Offset by any amount, and fail to move the LSB/USB/CW BFO by the same amount (delta), then the radio will sound off frequency.

If you are not sure on which way to go (+/-), or where to start, then here is what I did:

1 - Select LSB mode and tune to a known AM Broadcast band signal *before* entering the menu.

2- Enter the menu, and lower the IF Offset, say by -300 to start with (It seems that everyone has had to LOWER the IF Offset value to correct the problems).

3- Now go to LSB BFO and adjust this value (+ or -) by 300, and you will notice that in one direction, the audio starts to improve, and the rig comes "back on frequency / zero beats".

4- Now save and exit the menu.

5- Select USB Mode. Re-Enter the menu, and this time go to USB BFO and adjust this value (+ or -) by 300, and again you will notice that in one direction, it audio starts to improve, and the rig comes "back on frequency / zero beats".

6- To see if you are closer to the "magic number" or "sweet spot", exit the menu and while listening to the AM broadcast station, toggle between LSB and USB modes listening for any change / differences in audio between the two modes. The aim is to have them as close as possible, which by default was not the case.

7- Make changes to the IF Offset / BFO's as many times as you need to get it to the sweet spot. This takes a bit of time and lots of button pressing (I spent a good 30mins playing with different settings until I came to my IF offset delta of "-610"). If you make a mistake, simply do a reset and the default values will be restored.

8- For adjusting the numbers it is simple addition and subtraction until you get to the right spot. The same goes for CW BFO. You can simply do the procedure above on LSB and USB modes, and when you are happy, note the "difference" (delta) between you new IF Offset

value and the original, and apply this difference (delta) to the CW BFO. All should be well!

For reference, I ended up shifting the overall IF Offset (delta) by "-610", where LSB, USB both sound good and have similar "tone" and audio characteristics. Here is what I have ended up with:

IF Offset = 08999240 (default 08999850)
LSB BFO = 08998140
USB BFO = 09000340
CW BFO = 08999140

I hope that helps some members of the group. I apologize in advance for any assumptions I may have made, but his has worked very well for me. YMMV.

I am happy to hear any comments, suggestions and improvements the group may have. :)

Good luck! 73

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, Ken Downs <krtdowns@...> wrote:
>
> Perrin,
> Would you mind sharing your settings with the rest of us? I received my Pro yesterday and, like you, found LSB virtually unusable. I do not understand the functioning of the "IF Offset" and so far have been unable to determine the actual crystal filter center frequency. CW is okay, but one sideband or the other is way off. This is probably due to my methodology (minimal test gear): good strong AM broadcast signal and try to equalize the sidebands by adjusting Offset. But then the BFO adjustments come into play, and...
> If you would share your settings, I would appreciate it very much.
> Thanks, and have fun! I would rate the audio gain on the X1M weak, and lack of AGC very unfortunate, but it is a fun little rig to play with.
> Ken, W1KRT
> "Pro" model sn 0000041
>

946. Re: W1AW

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 00:26:45 UTC
From: pezcat19
Topic: 944 Message: 946

Hi Fred,

Can you crank the Volume up to 11 and see if the rig "clips" and cuts out?

Cheers

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Been listening to W1AW most of the evening on 14.0475 and have the audio at
> about 10 o'clock position and plenty loud enough and no overloading.
>
> Will try and get some video and put on website..
>
> Fades do drop quite a bit but still can copy without any issues, very clear
> and clean signal...
>
>
>
> Fred
>
> VE3FAL
>

947. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 00:47:50 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 947

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /X1M Platinum Audio August 2013/X1M audio (1).3GP
Uploaded by : ve3fal <flesnick@...>
Description : Audio File

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/X1M%20Platinum%20Audio%20August%20
2013/X1M%20audio%20%281%29.3GP

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

ve3fal <flesnick@...>

948. RE: [X1M_QRP-Transceiver] Re: W1AW

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 00:48:51 UTC
From: Fred VE3FAL
Topic: 944 Message: 948

Files uploading now, done with my blackberry as the files from my Canon rebel were TOO large.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of pezcat19
Sent: August 20, 2013 8:27 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: W1AW

Hi Fred,

Can you crank the Volume up to 11 and see if the rig "clips" and cuts out?

Cheers

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL" <flesnick@...> wrote:
>
> Been listening to W1AW most of the evening on 14.0475 and have the audio at
> about 10 o'clock position and plenty loud enough and no overloading.
>
> Will try and get some video and put on website..
>
> Fades do drop quite a bit but still can copy without any issues, very clear
> and clean signal...
>
>
>
> Fred
>
> VE3FAL
>

949. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 00:50:05 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 949

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /X1M Platinum Audio August 2013/X1M Audio.3GP
Uploaded by : ve3fal <flesnick@...>
Description : More X1M Audio

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/X1M%20Platinum%20Audio%20August%20
2013/X1M%20Audio.3GP

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

ve3fal <flesnick@...>

950. RE: [X1M_QRP-Transceiver] Re: My new X1M-Pro - Do I have an audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 00:54:13 UTC
From: Fred VE3FAL
Topic: 914 Message: 950

Perrin:

Thanks I would like to see where others set their rigs up.Obviously these are not like the Yaesu FT family that had their own set of settings and no two alike.

Fred

Ve3fal

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of pezcat19
Sent: August 20, 2013 8:21 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: My new X1M-Pro - Do I have an audio problem?

Hi Ken, and the group.

I know this has been covered before, but here is my 'no test equipment' method for aligning the X1M Pro/Platinum, which resolves the LSB issue.

This will be a NON TECHNICAL procedure. Here we go:

First we need to adjust the IF Offset. I don't have the correct technical term for this, but what we will be doing here is "centering the IF Offset between the "sweet spots" for the USB BFO and LSB BFO" ... If you are having the LSB audio problem, then your X1M-PRO is most likely too far towards the USB end of the scale, putting LSB "too far away to work correctly".

GENERAL RULE: If you Lower the IF Offset by a value of -300, then you should also adjust the LSB BFO / USB BFO by the same amount (delta) of 300. If you adjust the IF Offset by any amount, and fail to move the LSB/USB/CW BFO by the same amount (delta), then the radio will sound off frequency.

If you are not sure on which way to go (+/-), or where to start, then here is what I did:

1 - Select LSB mode and tune to a known AM Broadcast band signal *before* entering the menu.

2- Enter the menu, and lower the IF Offset, say by -300 to start with (It seems that everyone has had to LOWER the IF Offset value to correct the problems).

3- Now go to LSB BFO and adjust this value (+ or -) by 300, and you will notice that in one direction, the audio starts to improve, and the rig comes

"back on frequency / zero beats".

4- Now save and exit the menu.

5- Select USB Mode. Re-Enter the menu, and this time go to USB BFO and adjust this value (+ or -) by 300, and again you will notice that in one direction, it audio starts to improve, and the rig comes "back on frequency / zero beats".

6- To see if you are closer to the "magic number" or "sweet spot", exit the menu and while listening to the AM broadcast station, toggle between LSB and USB modes listening for any change / differences in audio between the two modes. The aim is to have them as close as possible, which by default was not the case.

7- Make changes to the IF Offset / BFO's as many times as you need to get it to the sweet spot. This takes a bit of time and lots of button pressing (I spent a good 30mins playing with different settings until I came to my IF offset delta of "-610"). If you make a mistake, simply do a reset and the default values will be restored.

8- For adjusting the numbers it is simple addition and subtraction until you get to the right spot. The same goes for CW BFO. You can simply do the procedure above on LSB and USB modes, and when you are happy, note the "difference" (delta) between you new IF Offset value and the original, and apply this difference (delta) to the CW BFO. All should be well!

For reference, I ended up shifting the overall IF Offset (delta) by "-610", where LSB, USB both sound good and have similar "tone" and audio characteristics. Here is what I have ended up with:

IF Offset = 08999240 (default 08999850)
LSB BFO = 08998140
USB BFO = 09000340
CW BFO = 08999140

I hope that helps some members of the group. I apologize in advance for any assumptions I may have made, but his has worked very well for me. YMMV.

I am happy to hear any comments, suggestions and improvements the group may have. :)

Good luck! 73

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , Ken Downs <krtdowns@...> wrote:
>
> Perrin,
> Would you mind sharing your settings with the rest of us? I received my Pro yesterday and, like you, found LSB virtually unusable. I do not

understand the functioning of the "IF Offset" and so far have been unable to determine the actual crystal filter center frequency. CW is okay, but one sideband or the other is way off. This is probably due to my methodology (minimal test gear): good strong AM broadcast signal and try to equalize the sidebands by adjusting Offset. But then the BFO adjustments come into play, and...

> If you would share your settings, I would appreciate it very much.

> Thanks, and have fun! I would rate the audio gain on the X1M weak, and lack of AGC very unfortunate, but it is a fun little rig to play with.

> Ken, W1KRT

> "Pro" model sn 0000041

>

951. Re: W1AW

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 01:10:25 UTC
From: pezcat19
Topic: 944 Message: 951

Thanks Fred,

You seem to have heaps of audio there. Would you mind doing the test on USB? Either on a strong USB signal or a Strong AM Broadcast station in USB mode?

My rig has more trouble with SSB Voice than with CW it seems...

Thanks again,

Perrin

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> Files uploading now, done with my blackberry as the files from my Canon
> rebel were TOO large.
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of pezcat19
> Sent: August 20, 2013 8:27 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: [X1M_QRP-Transceiver] Re: W1AW
>
>
>
>
>
>
> Hi Fred,
>
> Can you crank the Volume up to 11 and see if the rig "clips" and cuts out?
>
> Cheers
>
> Perrin VK3XPT
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL"
> <flesnick@> wrote:
> >

> > Been listening to W1AW most of the evening on 14.0475 and have the audio
> at
> > about 10 o'clock position and plenty loud enough and no overloading.
> >
> > Will try and get some video and put on website..
> >
> > Fades do drop quite a bit but still can copy without any issues, very
> clear
> > and clean signal...
> >
> >
> >
> > Fred
> >
> > VE3FAL
> >
>

952. RE: [X1M_QRP-Transceiver] Re: W1AW

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 01:13:59 UTC
From: Fred VE3FAL
Topic: 944 Message: 952

Not a problem, Radio Havana Cuba is on will see what I find there on 6 megs

Ve3fal

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of pezcat19
Sent: August 20, 2013 9:10 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: W1AW

Thanks Fred,

You seem to have heaps of audio there. Would you mind doing the test on USB?
Either on a strong USB signal or a Strong AM Broadcast station in USB mode?

My rig has more trouble with SSB Voice than with CW it seems...

Thanks again,

Perrin

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>
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> rebel were TOO large.
>
>
>
> Fred
>
> VE3FAL
>
>
>
> From: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>] On Behalf Of pezcat19
> Sent: August 20, 2013 8:27 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> Subject: [X1M_QRP-Transceiver] Re: W1AW
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>
>

>
>
> Hi Fred,
>
> Can you crank the Volume up to 11 and see if the rig "clips" and cuts out?
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> Cheers
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> Perrin VK3XPT
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Fred VE3FAL"
> <flesnick@> wrote:
> >
> > Been listening to W1AW most of the evening on 14.0475 and have the audio
> at
> > about 10 o'clock position and plenty loud enough and no overloading.
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> > Will try and get some video and put on website..
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> clear
> > and clean signal...
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> >
> >
> > Fred
> >
> > VE3FAL
> >
>

953. External s-meter anyone?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 01:20:41 UTC
From: fpohlmann2
Topic: 953 Message: 953

Using this guy's circuit schematic from Youtube video.
http://www.youtube.com/watch?v=5yhMOcpHS7Q
we can add an s-meter to the X1M.
The problem is where do we connect it to the X1M's AGC?
As far as I know the schematic available here is not complete.

73

Flavio

VE2ZFP

954. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 01:27:45 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 954

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /X1M Platinum Audio August 2013/X1M Audio (3).3GP
Uploaded by : ve3fal <flesnick@...>
Description : X1M Audio File Broadcast Stations

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/X1M%20Platinum%20Audio%20August%20
2013/X1M%20Audio%20%283%29.3GP

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

ve3fal <flesnick@...>

955. Re: [X1M_QRP-Transceiver] External s-meter anyone?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 01:34:47 UTC
From: Dale Parfitt
Topic: 953 Message: 955

From the messages here, it appears that the rig does not have AGC.

Dale W4OP
----- Original Message -----
From: fpohlmann2
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, August 20, 2013 9:20 PM
Subject: [X1M_QRP-Transceiver] External s-meter anyone?

Using this guy's circuit schematic from Youtube video.
http://www.youtube.com/watch?v=5yhMOcpHS7Q
we can add an s-meter to the X1M.
The problem is where do we connect it to the X1M's AGC?
As far as I know the schematic available here is not complete.

73

Flavio

VE2ZFP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6594 - Release Date: 08/20/13

956. Re: W1AW

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 02:40:41 UTC
From: pezcat19
Topic: 944 Message: 956

Here is a video of my X1M with the audio issue on 40m LSB:

http://youtu.be/0apKc2kc8GE

Regards,

Perrin VK3XPT

957. Re: My new X1M-Pro - Do I have an audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 03:11:57 UTC
From: pezcat19
Topic: 914 Message: 957

Here is a video of my X1M with the audio issue:

http://youtu.be/0apKc2kc8GE

It would be great to see how this compares to other X1M-Pro's.

Regards,

Perrin VK3XPT

958. External amp keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 06:24:59 UTC
From: KeithH
Topic: 958 Message: 958

Just curious as I have received my X1M today whether or not I can connect this to an external amplifier. Sorry if this is a dumb question.

Keith
AK6ZZ

959. Re: External s-meter anyone?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 13:26:54 UTC
From: w9rws
Topic: 953 Message: 959

Pin 5 of the MC 1350 chip has an AGC line coupled to the output of the filter...
Rich W9RWS

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> From the messages here, it appears that the rig does not have AGC.
>
> Dale W4OP
> ----- Original Message -----
> From: fpohlmann2
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Tuesday, August 20, 2013 9:20 PM
> Subject: [X1M_QRP-Transceiver] External s-meter anyone?
>
>
>
>
>
> Using this guy's circuit schematic from Youtube video.
> http://www.youtube.com/watch?v=5yhMOcpHS7Q
> we can add an s-meter to the X1M.
> The problem is where do we connect it to the X1M's AGC?
> As far as I know the schematic available here is not complete.
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> 73
>
> Flavio
>
> VE2ZFP
>
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.3392 / Virus Database: 3211/6594 - Release Date: 08/20/13
>

960. Re: [X1M_QRP-Transceiver] Re: External s-meter anyone?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 15:05:54 UTC
From: Dale Parfitt
Topic: 953 Message: 960

That's not what I am seeing from the on-line schematic. MC1350 Pin 5 is tied directly to the wiper on the RW1C pot. The top of the pot goes to Vcc and the bottom goes to ground. This sets a DC level to control the gain of the amplifier.
Is there a different schematic?
Dale W4OP

From: w9rws
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, August 21, 2013 9:26 AM
Subject: [X1M_QRP-Transceiver] Re: External s-meter anyone?

Pin 5 of the MC 1350 chip has an AGC line coupled to the output of the filter...
Rich W9RWS

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> From the messages here, it appears that the rig does not have AGC.
>
> Dale W4OP
> ----- Original Message -----
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> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Tuesday, August 20, 2013 9:20 PM
> Subject: [X1M_QRP-Transceiver] External s-meter anyone?
>
>
>
>
>
> Using this guy's circuit schematic from Youtube video.
> http://www.youtube.com/watch?v=5yhMOcpHS7Q
> we can add an s-meter to the X1M.
> The problem is where do we connect it to the X1M's AGC?
> As far as I know the schematic available here is not complete.
>
> 73
>
> Flavio
>
> VE2ZFP
>
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com

> Version: 2013.0.3392 / Virus Database: 3211/6594 - Release Date: 08/20/13
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6595 - Release Date: 08/21/13

961. X1M Pro CW Transceive Problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 15:35:45 UTC
From: w1krt
Topic: 961 Message: 961

Help! I've been working on my Pro (ROM info:Ver 1.00b USA, dated July 20) since I got it Monday. With the help others have posted here, I have gotten the LSB and USB to appear to be working FB. CW is a different story. With the I.F. Offset and both sideband BFOs optimized per advice found in this group, trying to set the CW BFO leaves me with two choices, neither of which is correct. If I set the BFO so that the receiver copies a signal (from my K3) set to the same dial frequency, then the X1M transmits 800Hz (or whatever "cw tone" I select) lower. Similarly, if I set the X1M to transmit CW on the dial frequency, it receives 800Hz higher. I have not been able to get it to transmit and receive on the same frequency.
In desperation, I tried the test again with the default settings, thinking I had managed to "optimize" the i.f. offset to the wrong sidebands. No change. The rig still will not T/R on the same frequency. Have I missed something basic? Are others seeing this behavior as well? Suggestions please. I really don't want to send the radio back (bad Firmware load?) but I prefer cw to SSB and don't want to have to use keyed audio tones in SSB mode to get the rig to transceive properly.

Ken, W1KRT

962. Re: External s-meter anyone?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 15:41:09 UTC
From: w9rws
Topic: 953 Message: 962

You are correct Dale. Now that I have downloaded the hi res schematic. I had been just reading the the data sheet for the 1350 and then looking at the board. Should be a way to insert some control there though.
RWS

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> That's not what I am seeing from the on-line schematic. MC1350 Pin 5 is tied directly to the wiper on the RW1C pot. The top of the pot goes to Vcc and the bottom goes to ground. This sets a DC level to control the gain of the amplifier.
> Is there a different schematic?
> Dale W4OP
>
>
> From: w9rws
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Wednesday, August 21, 2013 9:26 AM
> Subject: [X1M_QRP-Transceiver] Re: External s-meter anyone?
>
>
>
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> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@> wrote:
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> > From the messages here, it appears that the rig does not have AGC.
> >
> > Dale W4OP
> > ----- Original Message -----
> > From: fpohlmann2
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Sent: Tuesday, August 20, 2013 9:20 PM
> > Subject: [X1M_QRP-Transceiver] External s-meter anyone?
> >
> >
> >
> >
> >
> > Using this guy's circuit schematic from Youtube video.
> > http://www.youtube.com/watch?v=5yhMOcpHS7Q
> > we can add an s-meter to the X1M.
> > The problem is where do we connect it to the X1M's AGC?
> > As far as I know the schematic available here is not complete.
> >

> > 73
> >
> > Flavio
> >
> > VE2ZFP
> >
> >
> >
> >
> > No virus found in this message.
> > Checked by AVG - www.avg.com
> > Version: 2013.0.3392 / Virus Database: 3211/6594 - Release Date: 08/20/13
> >
>
>
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>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.3392 / Virus Database: 3211/6595 - Release Date: 08/21/13
>

963. Re: [X1M_QRP-Transceiver] Re: New York to Texas

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 15:58:38 UTC
From: Mark Thompson
Topic: 915 Message: 963

Tried mine last night. While transmitting on 18.150 with my first generation X1M, I listened around 28.150 on my Yaesu and heard nothing. I have not experienced any of the problems that people have been posting here with mine that I got in April of this year.
On Aug 19, 2013 5:35 PM, "w2ndg_neil" <neilgoldstein@...> wrote:

> **
>
>
> "I just turn the preamp off"
>
> This isn't helping the issue at hand. The radio puts out a rather nasty
> spur about 10Mhz up from your transmit frequency (in addition to others)
> when you're outside of the filtered areas. The filters you hear click in
> and out are not the same thing as the preamp. For 17M, that means you're
> putting out a rather strong signal right in the middle of the CW section of
> 10M, and for 12M, you're potentially interfering with local fire call
> frequencies.
>
> The preamp effects receiving only, whereas the bandpass filters that click
> in and out for 80, 40, 20, 15, and 10 are for transmit and receive.
>
>
>

964. Re: [X1M_QRP-Transceiver] Re: External s-meter anyone?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 16:05:42 UTC
From: Dale Parfitt
Topic: 953 Message: 964

I agree. One should only need to get to the AF before the volume pot, amplify, rectify and massage the DC with the appropriate attack/hang R/C's and the radio could easily obtain a 50dB+ AGC range. The hardest part is already there- the MC1350. It's a bit of a mystery why this was not done.

Dale W4OP
----- Original Message -----
From: w9rws
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, August 21, 2013 11:41 AM
Subject: [X1M_QRP-Transceiver] Re: External s-meter anyone?

You are correct Dale. Now that I have downloaded the hi res schematic. I had been just reading the the data sheet for the 1350 and then looking at the board. Should be a way to insert some control there though.
RWS

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> That's not what I am seeing from the on-line schematic. MC1350 Pin 5 is tied directly to the wiper on the RW1C pot. The top of the pot goes to Vcc and the bottom goes to ground. This sets a DC level to control the gain of the amplifier.
> Is there a different schematic?
> Dale W4OP
>
>
> From: w9rws
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Wednesday, August 21, 2013 9:26 AM
> Subject: [X1M_QRP-Transceiver] Re: External s-meter anyone?
>
>
>
> Pin 5 of the MC 1350 chip has an AGC line coupled to the output of the filter...
> Rich W9RWS
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@> wrote:
> >
> > From the messages here, it appears that the rig does not have AGC.
> >
> > Dale W4OP
> > ----- Original Message -----
> > From: fpohlmann2
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Sent: Tuesday, August 20, 2013 9:20 PM
> > Subject: [X1M_QRP-Transceiver] External s-meter anyone?

> >
> >
> >
> >
> >
> > Using this guy's circuit schematic from Youtube video.
> > http://www.youtube.com/watch?v=5yhMOcpHS7Q
> > we can add an s-meter to the X1M.
> > The problem is where do we connect it to the X1M's AGC?
> > As far as I know the schematic available here is not complete.
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> Version: 2013.0.3392 / Virus Database: 3211/6595 - Release Date: 08/21/13
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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6595 - Release Date: 08/21/13

965. Re: Filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 16:48:01 UTC
From: ballardian36
Topic: 825 Message: 965

Hey Charlie --

Any chance you have or could take a screen cap of the output of the x1m on 17m with a sepctrum analyzer? I'm working on finding one local to do my own tests with but I'd love to get even a single screen cap to satiate my curiosity until then -- I'd really appreciate it :)

Thanks,
-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> I apologize if I confuse some of the people on the group , but I bought
> my radio to use primarily as a basis for some work on the part 5
> Experimental Frequencies and also the part 15 frequencies , and as such
> I don't always use it in the same conventional manner as everyone else.
>
> However I am VERY active on the ham bands using QRSS and WSPR and have
> been for more than a decade on QRSS and since day one when Joe released
> WSPR .
>
> I do not advocate anyone trying to use the radio outside of the 5
> filtered ham bands , unless you have some really good equipment on your
> bench . In my laboratory , among my test equipment , I have a Tektronix
> Spectrum Analyzer and my equipment that requires at minimum an OCXO to
> be accurate , I have two Wenzel 10 MHz. commercial OCXO's and then they
> and the equipment including much of my transmitting equipment is locked
> to them as well as being GPS disciplined and that is piped all through
> my home lab .
>
> However if you want to experiment with building filters for various ham
> frequencies , that are good for 10 watts , here is a good link to study
> : http://www.gqrp.com/technical2.htm It gives the values for ham
> bands . I have not even had time yet to see how the factory filters look
> and how far down they are at the specified points .
>
> I would caution you to build up a simple breadboard transmitter and
> experiment with building some filters and using what equipment that you
> have , plus software that is available to evaluate the filter . You can
> even use your grid dip oscillator once again if you were building when
> that was a good and popular test instrument to give you some ballpark
> figures of your measurements .
>
> I would NOT put them on your new transceiver if you are new at building
> and lack decent test equipment if you are looking to add the WARC or 160
> meter ham band .

>
> I am currently building a 4,000 meter transmitter (72.4 kHz) and will
> likely later this winter , when the season opens up , propagation wise ,
> use the X1M on 1750 Meters (185.3 kHz) on the part 15 band . I am in
> the process of applying for a modified part 5 license to also use it on
> the 630 meter (proposed ham band) (472 kHz.) and part 5 experimental
> band and also for the 2200 meter band (137 kHz.) and possibly the BCB
> under part 15 . Power on part 15 bands is measured in INPUT power , so I
> use transverters to get on some bands to stay legal . There is also the
> 22 Meter part 15 band . Again CAUTION DO NOT TRY THIS AT HOME :) Unless
> you have the correct equipment to work with . I just wanted to make it
> quite clear I am a designer and experimenter , but am using the radio as
> it came from the factory at the present time since I have transverters
> that I can use for all of the experimental bands without getting off of
> one of the 5 filtered bands as it comes from the factory . I am probably
> using it more conservatively than most any hams are .
>
> QRSS is quite popular on most bands and almost shares the "watering
> hole" frequency with WSPR stations . So you can easily watch both of
> them or operate them . 20 meters is the most popular band worldwide with
> 30 meters as the next most popular .
>
> The most popular program for decoding QRSS is a program called ARGO ,
> and can be found at this link : http://www.weaksignals.com/
>
> I do plan on ending up with a filter box to go with the X1M if I can get
> a decent looking signal with my filters . It is the perfect rig for
> those of us that like to experiment too and I have now had some
> inquiries from my fellow experimenters , that are about 99 % ham
> operators , about the rig and there is a good deal of interest in it .
>
> I hope to one day be able to pick up yet another X1M that I am not
> trying to keep factory perfect to use for my tests and experiments , but
> my budget isn't quite up to buying another one yet :) Seems I still
> have some Doctors that need new homes built , and pharmacies and
> hospitals that need to add on , due to my health and medical issues so
> they are getting all of my spare radio budget right now . <grin>
>
> Sure won't hurt anything for you to listen on the other frequencies and
> the filter article should help some of you better understand the need
> for nice clean signals free from spurs on the frequency ranges not
> covered by the 5 bands that the radio comes from the factory with proper
> filtering already built in .
>
> If we do suggest a frequency on each of the 5 bands , I will monitor the
> best band at the time that I am on here and really enjoy working others
> with this great little radio . We need to spend a little more time away
> from the keyboard and a little more time on the air letting the people
> know about this rig and let them hear it in action . The more people
> that buy them the more experimenters we will find and the more that the

> factory sells the more attention they will pay to making future
> improvements and hopefully still keeping the price down .
>
> Usual disclaimers , you try anything mentioned at your own risk , and I
> have no financial or any other interest , except being a VERY satisfied
> customer ....
>
> Best 73 ,
>
> Charlie , W5COV
>

966. Re: External amp keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 17:06:55 UTC
From: W3FIS
Topic: 958 Message: 966

I don't see why not. As I understand it, the "booster" amplifiers detect RF input and turn on, otherwise bypass the amplifier during receive. No actual experience, however.

Tokyo High Power makes one for the Yaesu FT-817ND. They say that it can be run "manually" for other low powered rigs.

http://www.tokyohypower.com/hl-45b.html

Around $500 or so. Frankly, for that sort of money, I would go for an Alicno DX-SR8. You can always use another radio...

Currently, my shack has the X1M, Yaesu FT-817ND, Alinco DX-SR-8, and for VHF/UHF, an Alinco DR-605. The three HF rigs are connected through a 4-way coax switch, SWR meter, and LDG Z-100Plus tuner to the antenna system. That 4th socket needs something attached to it....

73 /paul W3FIS

967. Re: X1M Pro CW Transceive Problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 17:08:35 UTC
From: W3FIS
Topic: 961 Message: 967

How does it behave with the FACTORY <gasp> settings on CW??

73 /paul W3FIS

968. Re: [X1M_QRP-Transceiver] Re: X1M Pro CW Transceive Problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 17:42:42 UTC
From: M_AND_R_SHAREF
Topic: 961 Message: 968

I thought you wanted to transmit 700 HZ higher so you would hear a 700 HZ tone off set? On the little speakers I found out they're about 1" round. You can get them as pairs or single. They recharge off a USB port and some of them have cords that wind up inside. Mark

On Wed, Aug 21, 2013 at 1:08 PM, W3FIS <deadgoose@...> wrote:

> **
>
>
> How does it behave with the FACTORY <gasp> settings on CW??
>
> 73 /paul W3FIS
>
>
>

969. Re: [X1M_QRP-Transceiver] Re: X1M Pro CW Transceive Problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 18:36:08 UTC
From: Ken Downs
Topic: 961 Message: 969

Frustrated, I tried the factory settings- the results were the same. If I tune the radio and hear a CQ on, say, 7030 KHz and answer it, I transmit on 7029.2. I expect the radio to send and receive on the same frequency. Reversing this case- if I call CQ on 7030, and someone answers me on 7030, he is zero beat in my receiver. I must tune to 7030.8 to hear the expected 800Hz audio. If the caller is weak or if I am using an outboard audio filter, I'll never know he's there. I've used a lot of radios in my 50 years as a ham, and I've never had one act like this. Either I've totally screwed up the alignment (and the defaults loaded in ROM are also screwed up) or the firmware is bad, either in just my radio, or a whole bunch of them.

Here is my understanding of how things should work: Assuming the Offset is adjusted to center the passband properly, if you select an 800Hz cw tone, the cw BFO should be adjusted so that a signal on the frequency your radio is tuned to (according to the digital readout) will yield an 800Hz tone, and when you transmit, either: 1) An 800 Hz tone modulates the BFO in LSB and yields a signal on the radio's dial frequency, or 2) the MPU shifts the BFO or some other oscillator by 800 Hz to yield output on the indicated "dial frequency." Using an audio tone to emulate cw with an SSB transmitter is not uncommon at all, but the process is normally transparent to the operator. Regardless of which technique your radio uses, if you transmit on a "dial frequency" of, say, 7030, you should be able to hear an answer ON THAT SAME FREQUENCY with a predetermined NON-ZERO beat note frequency.

Kapish?

Ken, W1KRT
"Stumped in Springfield"

On Aug 21, 2013, at 1:08 PM, W3FIS wrote:

How does it behave with the FACTORY <gasp> settings on CW??

73 /paul W3FIS

970. RE: [X1M_QRP-Transceiver] Re: X1M Pro CW Transceive Problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 19:26:49 UTC
From: Fred VE3FAL
Topic: 961 Message: 970

Kapish Kapusta, noted that yesterday whilst vainly answering a loud CQ on 20 meters and he would not come back to me, generally used to that always running qrp but at least I get a QRZ or something, so turned the other rig on and heard him just fine, sent my call and I was not there, see the meter moving. So tuned a bit (and I have all my rigs set at 600hz, well low and behold there I was up 600hz.

Just a note, I have not done any of the IF OFFSET stuff as of yet, so will get to that after other additional tests are performed.

Fred

VE3FAL

How does it behave with the FACTORY <gasp> settings on CW??

73 /paul W3FIS

971. RE: [X1M_QRP-Transceiver] Re: X1M Pro CW Transceive Problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 19:35:26 UTC
From: Fred VE3FAL
Topic: 961 Message: 971

Just put the X1M (Ver II) on the bench, went through the menus and all offsets and settings are exact to the new platinum (PRO) version, however when I transmit on 14047.5, my other radio shows I am on that QRG exactly with my 600hz tone.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ken Downs
Sent: August 21, 2013 2:36 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: X1M Pro CW Transceive Problem?

Frustrated, I tried the factory settings- the results were the same. If I tune the radio and hear a CQ on, say, 7030 KHz and answer it, I transmit on 7029.2. I expect the radio to send and receive on the same frequency. Reversing this case- if I call CQ on 7030, and someone answers me on 7030, he is zero beat in my receiver. I must tune to 7030.8 to hear the expected 800Hz audio. If the caller is weak or if I am using an outboard audio filter, I'll never know he's there. I've used a lot of radios in my 50 years as a ham, and I've never had one act like this. Either I've totally screwed up the alignment (and the defaults loaded in ROM are also screwed up) or the firmware is bad, either in just my radio, or a whole bunch of them.

Here is my understanding of how things should work: Assuming the Offset is adjusted to center the passband properly, if you select an 800Hz cw tone, the cw BFO should be adjusted so that a signal on the frequency your radio is tuned to (according to the digital readout) will yield an 800Hz tone, and when you transmit, either: 1) An 800 Hz tone modulates the BFO in LSB and yields a signal on the radio's dial frequency, or 2) the MPU shifts the BFO or some other oscillator by 800 Hz to yield output on the indicated "dial frequency." Using an audio tone to emulate cw with an SSB transmitter is not uncommon at all, but the process is normally transparent to the operator. Regardless of which technique your radio uses, if you transmit on a "dial frequency" of, say, 7030, you should be able to hear an answer ON THAT SAME FREQUENCY with a predetermined NON-ZERO beat note frequency.

Kapish?

Ken, W1KRT

"Stumped in Springfield"

On Aug 21, 2013, at 1:08 PM, W3FIS wrote:

How does it behave with the FACTORY <gasp> settings on CW??

73 /paul W3FIS

972. Re: X1M Pro CW Transceive Problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 19:37:41 UTC
From: W3FIS
Topic: 961 Message: 972

Well, there it is! Let us know how it works out. I have just fooled with the IF offset adjustment at this point.

Thus far, about 1/2 dozen SSB voice QSOs on 40 and 20 meters, and decent reports. I am in "Slower Lower" Delaware at Fenwick Island, and have made contacts into Illinois, North Carolina, and Florida thus far.

As to the audio issues, I find that on mine, at least, that the audio is a bit weak in the knees. If I have the radio on the desk, and I am essentially in line with the speaker, things are fine. If I put the radio up on a shelf at eye level, the better to see the dial, then it appears that the speaker is pretty directional.

Two solutions --

1. Headphones -- I am deaf in one ear, so this helps. (XYL says that it is selective... who knew?)

2. " Amplified Computer Speaker" - I have one around to use on the QRP rigs that don't have a speaker. I note that I can now turn the volume back, or NOT use the preamp, and a lot of the overload issues go away.

Your mileage will vary...

73 /paul W3FIS

973. Re: [X1M_QRP-Transceiver] Re: X1M Pro CW Transceive Problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 20:11:05 UTC
From: Ken Downs
Topic: 961 Message: 973

Paul,
Yes, having done the alignment, I find the audio in SSB is quite good, and more plentiful once the signals are centered in the i.f. passband. Imagine that! And yes, the speaker does seem very directional to me, too. I guess either external speaker or headphones will become SOP in the shack. No problem. Now just need to lick this cw thing...
Are you on in the evenings/night? I'm in New Hampshire. That should be doable if the QRN behaves.

W1KRT

On Aug 21, 2013, at 3:37 PM, W3FIS wrote:

Well, there it is! Let us know how it works out. I have just fooled with the IF offset adjustment at this point.

Thus far, about 1/2 dozen SSB voice QSOs on 40 and 20 meters, and decent reports. I am in "Slower Lower" Delaware at Fenwick Island, and have made contacts into Illinois, North Carolina, and Florida thus far.

As to the audio issues, I find that on mine, at least, that the audio is a bit weak in the knees. If I have the radio on the desk, and I am essentially in line with the speaker, things are fine. If I put the radio up on a shelf at eye level, the better to see the dial, then it appears that the speaker is pretty directional.

Two solutions --

1. Headphones -- I am deaf in one ear, so this helps. (XYL says that it is selective... who knew?)

2. " Amplified Computer Speaker" - I have one around to use on the QRP rigs that don't have a speaker. I note that I can now turn the volume back, or NOT use the preamp, and a lot of the overload issues go away.

Your mileage will vary...

73 /paul W3FIS

974. CW Woes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 20:31:30 UTC
From: Fred VE3FAL
Topic: 974 Message: 974

So for those of us who like CW I think we have come across a bit of a stumbling block or hurdle with the offsets, not only that the split function on the radio I have does not appear to work in cw, but was tested in USB and LSB and indeed worked.

This makes operating cw a bit of a challenge now, as stated my X1M Ver II transmitted where I set the VFO and was indicated on another receiver and frequency counter to be true.

Any others tested and tried????

Fred

VE3FAL

975. X1M ver II vs. Platinum

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 21:20:39 UTC
From: Fred VE3FAL
Topic: 975 Message: 975

Ok did some more testing between both versions and just uploaded a few videos' of the units both receiving WWV on 15 MHz and switching between sidebands.

Also did some Split comparisons, the old X1M Ver II did indeed work split on cw, but not very well, it takes a whole 2 seconds for it to switch between VFO's..it will then transmit on the selected VFO, the X1M Platinum however will not switch over in cw mode in split mode, I keyed for 10 seconds anticipating a switch and nothing. Works great in sideband mode however ASAP.

Regards

Fred

Ve3fal

976. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 21:25:48 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 976

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /X1M Platinum Audio August 2013/X1M switching sidebands on WWV.3GP
Uploaded by : ve3fal <flesnick@...>
Description : Sideband Comparison Ver II and Platinum

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/X1M%20Platinum%20Audio%20August%20
2013/X1M%20switching%20sidebands%20on%20WWV.3GP

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

ve3fal <flesnick@...>

977. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-21 21:33:50 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 977

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /X1M Platinum Audio August 2013/X1M switching sidebands on WWV (1).3GP
Uploaded by : ve3fal <flesnick@...>
Description : Sideband Comparison Ver II and Platinum (2)

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/X1M%20Platinum%20Audio%20August%20
2013/X1M%20switching%20sidebands%20on%20WWV%20%281%29.3GP

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

ve3fal <flesnick@...>

978. Issue when keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 00:08:20 UTC
From: KeithH
Topic: 978 Message: 978

I just powered my rig on for the very first time. I was pleased with the receive. Picks up signals extremely well, however, I get a tapping relay noise when i key the microphone into a resonant vertical antenna and it is not putting out any RF output. Any ideas? I just received this rig from Kight Radio on Saturday.

Thanks,

Keith
AK6ZZ

979. Re: Issue when keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 00:23:17 UTC
From: pezcat19
Topic: 978 Message: 979

Hi Keith,

Have you tried a reset? Go into the menu, perform the reset (RST ALL: 1) and see if that fixes it.

The other obvious thing to check is your power supply (make sure it is able to supply at least 2 amps at 12V)

Good Luck,

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "KeithH" <ag6az@...> wrote:
>
> I just powered my rig on for the very first time. I was pleased with the receive. Picks up signals extremely well, however, I get a tapping relay noise when i key the microphone into a resonant vertical antenna and it is not putting out any RF output. Any ideas? I just received this rig from Kight Radio on Saturday.
>
> Thanks,
>
> Keith
> AK6ZZ
>

980. Re: [X1M_QRP-Transceiver] Issue when keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 01:04:19 UTC
From: Charlie , W5COV
Topic: 978 Message: 980

I would certainly suggest trying it into a 50 ohm dummy load . Kind of sounds like a little RF might be getting back into the radio .

Charlie , W5COV

On 8/21/2013 7:08 PM, KeithH wrote:
>
> I just powered my rig on for the very first time. I was pleased with
> the receive. Picks up signals extremely well, however, I get a tapping
> relay noise when i key the microphone into a resonant vertical antenna
> and it is not putting out any RF output. Any ideas? I just received
> this rig from Kight Radio on Saturday.
>
> Thanks,
>
> Keith
> AK6ZZ
>
>

981. Re: Issue when keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 01:25:23 UTC
From: KeithH
Topic: 978 Message: 981

It works fine if you push the microphone phono plug completely into the X1M. Initial impressions are extremely positive. Worked great with my 4btv on 15m with a local friend. I like this ascetic little rig. Feel like a real QRP ham operator now.

Keith
AK6ZZ

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> I would certainly suggest trying it into a 50 ohm dummy load . Kind of
> sounds like a little RF might be getting back into the radio .
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> Charlie , W5COV
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> On 8/21/2013 7:08 PM, KeithH wrote:
> >
> > I just powered my rig on for the very first time. I was pleased with
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> > relay noise when i key the microphone into a resonant vertical antenna
> > and it is not putting out any RF output. Any ideas? I just received
> > this rig from Kight Radio on Saturday.
> >
> > Thanks,
> >
> > Keith
> > AK6ZZ
> >
> >
>

982. Re: Issue when keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 01:25:33 UTC
From: W3FIS
Topic: 978 Message: 982

Just for good measure, and prior experience with QRP rigs, I have ferrite chokes on the power, keyer, and audio lines. An ounce of prevention...

I can generate enough RF in the house with the X1M to cause the "touch" switch on the china cabinet to light up, and the XYL's bedside light to go on (she is NOT happy....).

73 /paul W3FIS

983. Re: X1M ver II vs. Platinum

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 01:30:24 UTC
From: W3FIS
Topic: 975 Message: 983

So noted for the next User Guide update... We have an understanding of the two goofy parameters. One is QSK, the other is apparently "key down" timeout to keep from frying the finals.

Moving right along! This is more fun than we should be allowed to have!

THANKS to everybody!

73 /paul W3FIS

984. Re: X1M Pro CW Transceive Problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 01:32:31 UTC
From: W3FIS
Topic: 961 Message: 984

Generally on in the evenings, but have a bunch of company (daughter and family) for next couple of days, so hamming will be nil.

What frequency should I monitor??

73 /paul W3FIS

985. Re: Issue when keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 01:55:53 UTC
From: KeithH
Topic: 978 Message: 985

Now that I got it working I am extremely impressed with the receiver. It is actually very sensitive. I haven't worked any DX yet on it but I will keep trying. I have a good QTH and my antenna farm should do pretty good with this rig but I am even more excited to get started on some portable work with this super portable. Very pleased so far.

Keith
AK6ZZ

--- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@...> wrote:
>
> Just for good measure, and prior experience with QRP rigs, I have ferrite chokes on the power, keyer, and audio lines. An ounce of prevention...
>
> I can generate enough RF in the house with the X1M to cause the "touch" switch on the china cabinet to light up, and the XYL's bedside light to go on (she is NOT happy....).
>
> 73 /paul W3FIS
>

986. Re: [X1M_QRP-Transceiver] Re: Issue when keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 02:05:46 UTC
From: Charlie , W5COV
Topic: 978 Message: 986

Another common issue Keith . Glad you discovered it . This is one heck of a radio .
It does pay to go to the group web page and go through the alignment procedure , if you haven't already . Very simple and just takes a few minutes , but it will result in hours of fun .
A year or so ago I made a wish list and discussed it with several of the QRP-L e-mail reflector guys about what should be included in a QRP transceiver and at a price that was decent .
This radio was almost too good to be true when I first saw it . It included most everything on my list and the price seemed just too good to be true .
This is the radio that the QRP community and newly licensed hams on a budget have been waiting for . Being "a high power multi mode QRP rig" was at the top of my list .
There are lower power kits covering fewer bands and usually CW or digital only , that cost as much or more than this fully operational transceiver .
With the near 5 watts output it is still QRP , but with this terrible solar cycle that is what makes it stand very tall above most of the kits out there , if you were a builder and wanted to spend the same money and still have to build the radio and maybe furnish the enclosure too. The "high QRP output power" DOES make a BIG difference !!
Add to that that I have never had better support after the sale with any other radio . I bought mine from Ed and he and the other dealers do just a great job.
Look forward to working you on the air .ENJOY !!

Charlie , W5COV

On 8/21/2013 8:25 PM, KeithH wrote:
>
> It works fine if you push the microphone phono plug completely into
> the X1M. Initial impressions are extremely positive. Worked great with
> my 4btv on 15m with a local friend. I like this ascetic little rig.
> Feel like a real QRP ham operator now.
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> > > Thanks,
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987. Re: Issue when keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 02:22:14 UTC
From: KeithH
Topic: 978 Message: 987

I just worked Morocco, CN8PA, on 20m with 4.5W! I cannot believe it.

This radio is awesome! I am truly amazed.

Keith
AK6ZZ

--- In X1M_QRP-Transceiver@yahoogroups.com, "KeithH" <ag6az@...> wrote:
>
> Now that I got it working I am extremely impressed with the receiver. It is actually very sensitive. I haven't worked any DX yet on it but I will keep trying. I have a good QTH and my antenna farm should do pretty good with this rig but I am even more excited to get started on some portable work with this super portable. Very pleased so far.
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> > 73 /paul W3FIS
> >
>

988. X2M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 02:23:48 UTC
From: Dale Parfitt
Topic: 988 Message: 988

Somewhere I recall a discussion of a newer X1M rig- maybe the X2M?? Is there anything new on this?

I don't (yet) own the X1M. Is there room inside for a very small surface mount board that would allow for making use of the MC1350 AGC? I am thinking about 1/2" square PCB.

Dale W4OP

989. Re: [X1M_QRP-Transceiver] CW Woes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 02:25:02 UTC
From: Charlie , W5COV
Topic: 974 Message: 989

Hi Fred ,

I did get an FT-857D hooked up and was able to duplicate your problem . I don't have the answer yet , since I have several other things on my list right now . As soon as I can get to it I'll take a shot at working out a solution for it . Not promising anything ,but willing to try since I have an identical setup available to me .

My bench is filling up . <grin> I was in the middle of building a 4,000 Meter station , when my radio arrived and it is still on the bench too . I am normally an experimental band guy , especially any frequency lower than 2 MHz. and the season for those frequencies is quickly approaching . Nice thing is if the ARRL & FCC here in the states will quit messing around we should have at least the 630 Meter band like most of the rest of the world has had for a few years now and this little radio will let the guys build a filter and at least have the exciter or QRP rig that will already transmit and receive on that band .

This radio would be high power for me on some bands like 1750 meters , where I have been running 1 watt INPUT for at least a decade and have captures out to about 1,500 miles using QRSS and just a 50 foot piece of #14 wire vertically polarized for the antenna . The loading coil is a bit more of an adventure :)

Charlie , W5COV

On 8/21/2013 3:31 PM, Fred VE3FAL wrote:
>
> So for those of us who like CW I think we have come across a bit of a
> stumbling block or hurdle with the offsets, not only that the split
> function on the radio I have does not appear to work in cw, but was
> tested in USB and LSB and indeed worked.
>
> This makes operating cw a bit of a challenge now, as stated my X1M Ver
> II transmitted where I set the VFO and was indicated on another
> receiver and frequency counter to be true.
>
> Any others tested and tried????
>
> Fred
>
> VE3FAL
>
>

990. Re: Issue when keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 02:29:41 UTC
From: KeithH
Topic: 978 Message: 990

Charlie,

I am new to QRP as another part of the hobby I am interested in. I once owned a KX3 for about a long minute until I discovered it wasn't working well no matter what I did in my mobile. It was just too expensive to keep as a backup to a backup.

I was still looking for a true portable emergency radio and began reading about this rig. I am impressed as I have it next to my K3 and my FT101E. It is a great little rig and worth the little over $300 I spent on it. I know it wll get a lot of use.

Keith
AK6ZZ

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>
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> transceiver .
> With the near 5 watts output it is still QRP , but with this terrible
> solar cycle that is what makes it stand very tall above most of the kits
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> still have to build the radio and maybe furnish the enclosure too. The
> "high QRP output power" DOES make a BIG difference !!
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> other radio . I bought mine from Ed and he and the other dealers do just
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> Look forward to working you on the air .ENJOY !!
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> On 8/21/2013 8:25 PM, KeithH wrote:
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991. Re: [X1M_QRP-Transceiver] X2M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 02:44:26 UTC
From: Charlie , W5COV
Topic: 988 Message: 991

Space is pretty much at a premium inside of it Dale , but with the MC1350 already installed on the board . I "think" there is some room available to add AGC . For that to be already mounted on the board , I can't help but believe that they had plans at some point in time to add it in a later model , same with the firmware having the Attenuator , enable/disable operational , but no attenuator .

I think for now they are probably going to offer this stable version to help with their financing for quite a while , then I would not be surprised from these various clues that somewhere down the line they will add an updated model , but I think it may be a while yet . These are purely guesses and speculation on my part . I think a lot depends on how the sales go on this model they have quite a lot of money riding on its success from my impression .

Ed is a great guy to deal with and I think he will keep us informed of whatever he learns about their plans . Another reason I bought from a USA dealer , instead of the factory or a Chinese supplier , at least some of the money stays here in the USA and buying from Ed he offers super support and as up to date information that he can get .

I see Ed has a CW/SSB filter for sale now , that appears, at least in the picture , to be similar in size proportion to the radio.

After I ordered the X1M Pro , I decided I needed a new HT . Another GREAT PRICE from Ed and I love it too.

First 2 new ham rigs I have purchased in years and am VERY happy with both .

Charlie , W5COV

On 8/21/2013 9:23 PM, Dale Parfitt wrote:
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> Somewhere I recall a discussion of a newer X1M rig- maybe the X2M??
> Is there anything new on this?
> I don't (yet) own the X1M. Is there room inside for a very small
> surface mount board that would allow for making use of the MC1350
> AGC? I am thinking about 1/2" square PCB.
> Dale W4OP
>

992. Re: [X1M_QRP-Transceiver] Re: Issue when keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 02:54:33 UTC
From: Charlie , W5COV
Topic: 978 Message: 992

Keith ,

The biggest problem I had was finding a good place to set such a small radio !! Never had had that problem before in my 48 years as a ham . lol

Mine is on anytime that I am in the shack . I have always been a QRP fan even since my Novice days . It makes a better operator out of you , I think , and you certainly spend a lot more time on good resonant and efficient antennas and feedlines .

Congratulations on the DX . The sun is doing some strange things this week so I am looking forward to the ups and downs of working DX with the Pro this week .

I think the Hawaii QSO Party may be this weekend . Have to check times and dates to be sure . I would like to get them in the logbook with the Pro on every band possible , since it will probably be the best time all year long to find all the Hawaii stations on the air on all different modes and different bands .

Charlie , W5COV

On 8/21/2013 9:29 PM, KeithH wrote:
>
> Charlie,
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> once owned a KX3 for about a long minute until I discovered it wasn't
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> my FT101E. It is a great little rig and worth the little over $300 I
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993. Re: [X1M_QRP-Transceiver] X2M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 02:59:50 UTC
From: Dale Parfitt
Topic: 988 Message: 993

Thanks Charlie,

Can you tell me the name of Ed's company or his URL? Any idea how long it takes to get a radio after ordering?
I am getting more and more interested in the rig.
Finally, are you active on 500KHz or just on 185KHz at this time? I too am looking forward to the quiet winter season on LF.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, August 21, 2013 10:44 PM
Subject: Re: [X1M_QRP-Transceiver] X2M

Space is pretty much at a premium inside of it Dale , but with the MC1350 already installed on the board . I "think" there is some room available to add AGC . For that to be already mounted on the board , I can't help but believe that they had plans at some point in time to add it in a later model , same with the firmware having the Attenuator , enable/disable operational , but no attenuator .

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6597 - Release Date: 08/21/13

994. Re: Issue when keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 03:23:21 UTC
From: KeithH
Topic: 978 Message: 994

So stoked. Just worked Venezuela on 15m with 4.5W on my 4BTV. Now I am getting surprised. This could be the start of my QRP DXCC. I have worked QRP before with the KX3 so my total is now probably like 5 for DXCC QRP. So very stoked.

My LSB doesn't sound nearly as good as the USB mode. I am on 40m and people sound like they are all over modulated. Doesn't sound right. Plus the audio signals vary up and down.

Keith
AK6ZZ

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
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> > > > the X1M. Initial impressions are extremely positive. Worked great
> > with
> > > > my 4btv on 15m with a local friend. I like this ascetic little rig.
> > > > Feel like a real QRP ham operator now.

> > > >
> > > > Keith
> > > > AK6ZZ
> > > >
> > > > --- In X1M_QRP-Transceiver@yahoogroups.com
> > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, "Charlie , W5COV"
> > > > <cvest@> wrote:
> > > > >
> > > > > I would certainly suggest trying it into a 50 ohm dummy load .
> > Kind of
> > > > > sounds like a little RF might be getting back into the radio .
> > > > >
> > > > > Charlie , W5COV
> > > > >
> > > > > On 8/21/2013 7:08 PM, KeithH wrote:
> > > > > >
> > > > > > I just powered my rig on for the very first time. I was
> > pleased with
> > > > > > the receive. Picks up signals extremely well, however, I get a
> > > > tapping
> > > > > > relay noise when i key the microphone into a resonant vertical
> > > > antenna
> > > > > > and it is not putting out any RF output. Any ideas? I just
> > received
> > > > > > this rig from Kight Radio on Saturday.
> > > > > >
> > > > > > Thanks,
> > > > > >
> > > > > > Keith
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> > > > > >
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995. Re: [X1M_QRP-Transceiver] X2M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 03:28:52 UTC
From: Charlie , W5COV
Topic: 988 Message: 995

Hi Dale ,

I thought that your name looked familiar . My last part 5 license expired and I let it , because they had only given me high power on 1750 meters .

Warren is going to help me get 4K meters through 630 Meters all on one license . He said they are allowing 10 watts ERP on at least 4K meters . Now I would like to see that station :)

The URL for Ed's company is http://www.importcommunications.com/

I am still active on all of the MF/LF groups and watch almost every evening especially now . The weather people say that we have had such a cool , wet summer here , that we are actually in the very early stages of fall . I hope to have my license approved before the season gets into full swing .

I have been using this Pro version for my 630 meter receiving and it is doing a super job of hearing and stability so far . I would sure like to find someone that I can hear that is running either QRSS30 or QRSS60 on 630 meters to look at it for long term stability on those modes . Being in the middle of the country has its disadvantages at times of being close enough to hear some of the really slow speed stations .

Charlie , W5COV

On 8/21/2013 9:59 PM, Dale Parfitt wrote:
>
> Thanks Charlie,
> Can you tell me the name of Ed's company or his URL? Any idea how long
> it takes to get a radio after ordering?
> I am getting more and more interested in the rig.
> Finally, are you active on 500KHz or just on 185KHz at this time? I
> too am looking forward to the quiet winter season on LF.
> Dale W4OP
> ----- Original Message -----
>
> *From:* Charlie , W5COV <mailto:cvest@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Wednesday, August 21, 2013 10:44 PM
> *Subject:* Re: [X1M_QRP-Transceiver] X2M
>
> Space is pretty much at a premium inside of it Dale , but with the
> MC1350 already installed on the board . I "think" there is some
> room available to add AGC . For that to be already mounted on the

> board , I can't help but believe that they had plans at some point
> in time to add it in a later model , same with the firmware having
> the Attenuator , enable/disable operational , but no attenuator .
>
> I think for now they are probably going to offer this stable
> version to help with their financing for quite a while , then I
> would not be surprised from these various clues that somewhere
> down the line they will add an updated model , but I think it may
> be a while yet . These are purely guesses and speculation on my
> part . I think a lot depends on how the sales go on this model
> they have quite a lot of money riding on its success from my
> impression .
>
> Ed is a great guy to deal with and I think he will keep us
> informed of whatever he learns about their plans . Another reason
> I bought from a USA dealer , instead of the factory or a Chinese
> supplier , at least some of the money stays here in the USA and
> buying from Ed he offers super support and as up to date
> information that he can get .
>
> I see Ed has a CW/SSB filter for sale now , that appears, at least
> in the picture , to be similar in size proportion to the radio.
>
> After I ordered the X1M Pro , I decided I needed a new HT .
> Another GREAT PRICE from Ed and I love it too.
>
> First 2 new ham rigs I have purchased in years and am VERY happy
> with both .
>
> Charlie , W5COV
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> On 8/21/2013 9:23 PM, Dale Parfitt wrote:
>> Somewhere I recall a discussion of a newer X1M rig- maybe the
>> X2M?? Is there anything new on this?
>> I don't (yet) own the X1M. Is there room inside for a very small
>> surface mount board that would allow for making use of the
>> MC1350 AGC? I am thinking about 1/2" square PCB.
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> Version: 2013.0.3392 / Virus Database: 3211/6597 - Release Date:
> 08/21/13
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>

996. Re: [X1M_QRP-Transceiver] X2M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 03:37:21 UTC
From: Dale Parfitt
Topic: 988 Message: 996

Thanks Charlie. I have always been amazed how well my 16M/80M Beverages work on LF- many times beating out my Flags and shielded loops. I'll have to see if ARGO is on my new netbook- if not I'll get it on this weekend. Is W4DEX still active on 185KHz? I was mainly listening on 500KHz last winter and did not get down to running ARGO screens on 185 or 137KHz. I also have my 15' EME dish back up and will be QRV on 23cM EME with 600W+ at the feedhorn. Too many interests- so little time.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, August 21, 2013 11:28 PM
Subject: Re: [X1M_QRP-Transceiver] X2M

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I am getting more and more interested in the rig.
Finally, are you active on 500KHz or just on 185KHz at this time? I too am looking forward to the quiet winter season on LF.

Dale W4OP
----- Original Message -----
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To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, August 21, 2013 10:44 PM
Subject: Re: [X1M_QRP-Transceiver] X2M

Space is pretty much at a premium inside of it Dale , but with the MC1350 already installed on the board . I "think" there is some room available to add AGC . For that to be already mounted on the board , I can't help but believe that they had plans at some point in time to add it in a later model , same with the firmware having the Attenuator , enable/disable operational , but no attenuator .

I think for now they are probably going to offer this stable version to help with their financing for quite a while , then I would not be surprised from these various clues that somewhere down the line they will add an updated model , but I think it may be a while yet . These are purely guesses and speculation on my part . I think a lot depends on how the sales go on this model they have quite a lot of money riding on its success from my impression .

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After I ordered the X1M Pro , I decided I needed a new HT . Another GREAT PRICE from Ed and I love it too.

First 2 new ham rigs I have purchased in years and am VERY happy with both .

Charlie , W5COV

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Somewhere I recall a discussion of a newer X1M rig- maybe the X2M?? Is there anything new on this?

I don't (yet) own the X1M. Is there room inside for a very small surface mount board that would allow for making use of the MC1350 AGC? I am thinking about 1/2" square PCB.

Dale W4OP

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Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6597 - Release Date: 08/21/13

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997. Re: [X1M_QRP-Transceiver] Re: Issue when keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 03:43:41 UTC
From: Charlie , W5COV
Topic: 978 Message: 997

WAY TO GO KEITH !! Sounds like we will all be chasing you for QRP DXCC with the Pro !!! Earlier in the week I had my sights set a little too low . I was wondering who would be the first to do WAS with it . Well if that Hawaii contest is indeed this weekend that is another DX entity .

You need to go through the alignment procedure , here let me look up the URL . http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/ <http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/>

Go to Aliignment - simple.pdf <http://f1.grp.yahoofs.com/v1/5IYVUiSQ0Ue53_Aspec976ZdQWk3ZuN2eysQ8m8KLa1LUIcO-vkVa9bT-iN0jPPlSzRd3GPu_Yw_BGjRfQniOQomSeWDzKhH/Manuals/Aliignment%20-%20simple.pdf>

They come from the factory needing just a tad bit of tweaking on the menus , especially on LSB . This will take you just a few minutes and it is well worth it for the hours of fun you will have once it is done and can easily work even more DX then and be right on . Doesn't take any test equipment .

See if that doesn't solve your LSB problem.

Charlie , W5COV

<http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/>
On 8/21/2013 10:23 PM, KeithH wrote:
>
> So stoked. Just worked Venezuela on 15m with 4.5W on my 4BTV. Now I am
> getting surprised. This could be the start of my QRP DXCC. I have
> worked QRP before with the KX3 so my total is now probably like 5 for
> DXCC QRP. So very stoked.
>
> My LSB doesn't sound nearly as good as the USB mode. I am on 40m and
> people sound like they are all over modulated. Doesn't sound right.
> Plus the audio signals vary up and down.
>
> Keith
> AK6ZZ
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, "Charlie , W5COV"
> <cvest@...> wrote:
> >
> > Keith ,
> >
> > The biggest problem I had was finding a good place to set such a small
> > radio !! Never had had that problem before in my 48 years as a ham . lol

> >
> > Mine is on anytime that I am in the shack . I have always been a QRP
> fan
> > even since my Novice days . It makes a better operator out of you , I
> > think , and you certainly spend a lot more time on good resonant and
> > efficient antennas and feedlines .
> >
> > Congratulations on the DX . The sun is doing some strange things this
> > week so I am looking forward to the ups and downs of working DX with
> the
> > Pro this week .
> >
> > I think the Hawaii QSO Party may be this weekend . Have to check times
> > and dates to be sure . I would like to get them in the logbook with the
> > Pro on every band possible , since it will probably be the best time
> all
> > year long to find all the Hawaii stations on the air on all different
> > modes and different bands .
> >
> > Charlie , W5COV
> >
> > On 8/21/2013 9:29 PM, KeithH wrote:
> > >
> > > Charlie,
> > >
> > > I am new to QRP as another part of the hobby I am interested in. I
> > > once owned a KX3 for about a long minute until I discovered it wasn't
> > > working well no matter what I did in my mobile. It was just too
> > > expensive to keep as a backup to a backup.
> > >
> > > I was still looking for a true portable emergency radio and began
> > > reading about this rig. I am impressed as I have it next to my K3 and
> > > my FT101E. It is a great little rig and worth the little over $300 I
> > > spent on it. I know it wll get a lot of use.
> > >
> > > Keith
> > > AK6ZZ
> > >
> > > --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>
> > > <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, "Charlie , W5COV"
> > > <cvest@> wrote:
> > > >
> > > > Another common issue Keith . Glad you discovered it . This is
> one heck
> > > > of a radio .
> > > > It does pay to go to the group web page and go through the alignment
> > > > procedure , if you haven't already . Very simple and just takes
> a few
> > > > minutes , but it will result in hours of fun .

> > > > A year or so ago I made a wish list and discussed it with
> several of
> > > the
> > > > QRP-L e-mail reflector guys about what should be included in a QRP
> > > > transceiver and at a price that was decent .
> > > > This radio was almost too good to be true when I first saw it . It
> > > > included most everything on my list and the price seemed just
> too good
> > > > to be true .
> > > > This is the radio that the QRP community and newly licensed hams
> on a
> > > > budget have been waiting for . Being "a high power multi mode
> QRP rig"
> > > > was at the top of my list .
> > > > There are lower power kits covering fewer bands and usually CW or
> > > > digital only , that cost as much or more than this fully operational
> > > > transceiver .
> > > > With the near 5 watts output it is still QRP , but with this
> terrible
> > > > solar cycle that is what makes it stand very tall above most of the
> > > kits
> > > > out there , if you were a builder and wanted to spend the same
> money
> > > and
> > > > still have to build the radio and maybe furnish the enclosure
> too. The
> > > > "high QRP output power" DOES make a BIG difference !!
> > > > Add to that that I have never had better support after the sale
> with
> > > any
> > > > other radio . I bought mine from Ed and he and the other dealers do
> > > just
> > > > a great job.
> > > > Look forward to working you on the air .ENJOY !!
> > > >
> > > > Charlie , W5COV
> > > >
> > > > On 8/21/2013 8:25 PM, KeithH wrote:
> > > > >
> > > > > It works fine if you push the microphone phono plug completely
> into
> > > > > the X1M. Initial impressions are extremely positive. Worked great
> > > with
> > > > > my 4btv on 15m with a local friend. I like this ascetic little
> rig.
> > > > > Feel like a real QRP ham operator now.
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> > > > > --- In X1M_QRP-Transceiver@yahoogroups.com
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998. X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 03:51:10 UTC
From: pezcat19
Topic: 998 Message: 998

Hi all,

I am trying to decide if I need to send my X1M-Pro back for warranty, or if I should keep it and work on it (mods, improvements, the fun stuff!).

If anyone can help with their results for the following, it will help me decide what I need to do. (Overall I am happy with the rig, but I need to know if the issues I have are common, or unique to my radio...)

1 - Loud (strong) SSB signals cause my radio to start clipping / breaking up when the volume control is set to approx 3 o'clock or higher. The audio is generally not very loud, even when the clipping is occurring. (see my video here: http://youtu.be/0apKc2kc8GE)

Some members have said their X1M-Pro's are similar to mine, others seem to not have this problem? I would like to understand this so we can look at the problem and resolve it if possible.

2 - Filters for 10M. My radio does not have a "filter relay click" for 10M. Can anyone confirm if this is normal or is it perhaps a faulty relay (or filter section) in my rig?

3 - TX Output power on 10m is between 3.0w -3.5W maximum (measured with multiple meters). All other bands vary between 4W to 6W. 10M SSB is my main/favorite band, so I would like to know if this 3.0-3.5W is normal, or if mine is a little bit down on 10M? (Perhaps related to question 2, filtering above?

If I can get to the bottom of these 3 items I will be able to decide what to do... (I am in VK and sending things back to USA is no fun at all!).

Thanks in advance,

Perrin VK3XPT

999. Re: [X1M_QRP-Transceiver] X2M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 04:00:15 UTC
From: Charlie , W5COV
Topic: 988 Message: 999

Dale I have the same problem , too many interests , too little time .

Dex is the main station that started the testing on 4K meters . He was off this evening because of a power outage , but is normally on 72.4 kHz. running QRSS60 and has been seen I know in Illinois .

My friend , Charles Wenzel , in Austin , Texas . has a grabber on there , but so far we haven't seen Dex in this part of the country . His grabber is : http://www.techlib.com/slm.htm

I know Dex also squeezed in some EME time , so he will probably be back on when you are .

Charlie , W5COV

On 8/21/2013 10:37 PM, Dale Parfitt wrote:
>
> Thanks Charlie. I have always been amazed how well my 16M/80M
> Beverages work on LF- many times beating out my Flags and shielded
> loops. I'll have to see if ARGO is on my new netbook- if not I'll get
> it on this weekend. Is W4DEX still active on 185KHz? I was mainly
> listening on 500KHz last winter and did not get down to running ARGO
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> *From:* Charlie , W5COV <mailto:cvest@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Wednesday, August 21, 2013 11:28 PM
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>
>

1000. Re: [X1M_QRP-Transceiver] X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 05:30:18 UTC
From: Charlie , W5COV
Topic: 998 Message: 1000

Perrin ,

I would not want you to make such a decision based solely on my information and feedback .

After watching the video and reading your description on item 1 mine is very similar to yours . The addition of an amplified computer speaker goes a long way to resolve these issues . Until some AGC is added , I think the issue will pretty much be the same .

On item number 2 , there is no relay click when you change to 10 meters . I just checked again to verify that .

On item number 3 , I do not have any LF slugs for my Bird 43 watt meter . However this part seems absolutely normal to me . I don't know that I have ever owned an HF radio that did not have less power output on 10 meters than on the other bands . There is always the possibility that you could more accurately tune your filter , but even then I would be surprised if you gain more than 1/2 of a watt .

Those are just my thoughts and observations of my own personal radio and past experience .

Hopefully many others will give you their observations to allow you to make a better informed decision .

Charlie , W5COV

On 8/21/2013 10:51 PM, pezcat19 wrote:
>
> Hi all,
>
> I am trying to decide if I need to send my X1M-Pro back for warranty,
> or if I should keep it and work on it (mods, improvements, the fun
> stuff!).
>
> If anyone can help with their results for the following, it will help
> me decide what I need to do. (Overall I am happy with the rig, but I
> need to know if the issues I have are common, or unique to my radio...)
>
> 1 - Loud (strong) SSB signals cause my radio to start clipping /
> breaking up when the volume control is set to approx 3 o'clock or
> higher. The audio is generally not very loud, even when the clipping
> is occurring. (see my video here: http://youtu.be/0apKc2kc8GE)
>
> Some members have said their X1M-Pro's are similar to mine, others
> seem to not have this problem? I would like to understand this so we

> can look at the problem and resolve it if possible.
>
> 2 - Filters for 10M. My radio does not have a "filter relay click" for
> 10M. Can anyone confirm if this is normal or is it perhaps a faulty
> relay (or filter section) in my rig?
>
> 3 - TX Output power on 10m is between 3.0w -3.5W maximum (measured
> with multiple meters). All other bands vary between 4W to 6W. 10M SSB
> is my main/favorite band, so I would like to know if this 3.0-3.5W is
> normal, or if mine is a little bit down on 10M? (Perhaps related to
> question 2, filtering above?
>
> If I can get to the bottom of these 3 items I will be able to decide
> what to do... (I am in VK and sending things back to USA is no fun at
> all!).
>
> Thanks in advance,
>
> Perrin VK3XPT
>
>

1001. distributor for x1m

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 11:30:45 UTC
From: esteban411@...
Topic: 1001 Message: 1001

Hello everyone, I wanted to know in Italy there a distributor for x1m Platinum.
greetings

1002. X1M-Pro suffering from many of the same ills as original model

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 13:24:00 UTC
From: sbjohnston@...
Topic: 1002 Message: 1002

It is frustrating the new X1M-Pro units are suffering from the many of the same ills as the plain X1M. One of the most troubling problems is that units are being shipped with the same misalignment of the carrier oscillator, BFO, and mode offsets. I can't image the units are actually being tested if this problem is present.

If your unit is suffering from muffled audio on one sideband, or other frequency and offset ills you can probably use the alignment procedure posted earlier by MarkKI0PF.

I uploaded the procedure to the Yahoo group files directories in a file called "X1M IF and BFO adjustment.pdf". I'll also paste it below.

Steve WD8DAS

sbjohnston@aol.com
http://www.wd8das.net/

Radio is your best entertainment value.

X1MTransceiver IF, BFO, and mode frequency adjustments

1) Setthe IF OFFSET first, or you'll chase yer tails. With the radio hooked to anantenna receiving noise but no signal, fiddle with the IF OFFSET setting untilyou can switch back and forth between USB and LSB and the "wooshing";or "timbre" sounds about the same. All the radios are bound to bedifferent, but I set mine -300 from the value in the manual. Save the setting.

2) NOWadjust USB by moving USB BFO until a voice signal received from a localaccurate receiver is correct. Save the setting.

3) AdjustLSB by moving LSB BFO until a voice signal received from a local accuratereceiver is correct. Save the setting.

4) AdjustCW only AFTER you do the IF, USB, and LSB. I adjusted CW by setting the X1M toCW, and while receiving CW from my PRC-1099 (which xmits an 800 Hz tone onUSB), moving the CW BFO setting until the audio from the X1M zero-beat with the800 Hz sidetone coming from the 1099. Save the setting. You may want to do it adifferent way.

5) Writedown your settings for IF OFFSET, USB BFO, LSB BFO, and CW BFO. :)

Key: Setthe IF OFFSET first or you'll go in circles.

--MarkKI0PF

1003. Audio Quality on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 13:26:19 UTC
From: stpatryck@gmail.com
Topic: 1003 Message: 1003

Hi Folks,

I'm thinking of purchasing one of these units and was wondering what the audio quality is like on SSB as compared to Icom, Yaesu, or Kenwood rigs.

Thanks,
Patrick KC2VQK

1004. Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 13:39:14 UTC
From: wstearns@rocketmail.com
Topic: 998 Message: 1004

My biggest gripe is the lack of any AGC. If this were fixed, this radio would be great for portable use. With headphones, this is only marginally better but weaker signals are still quite light in volume. As of now, I'm debating on keeping mine due to this. It's a shame that I sent my first one back to Ed thinking there was a problem, and when I received the second one I only realized then that it was a flaw in the design.

Do we have any contact with the actual manufacturer besides through Ed? Is there any of this that can be handled in a firmware update?

Bill, NE4RD

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> Perrin ,
>
> I would not want you to make such a decision based solely on my
> information and feedback .
>
> After watching the video and reading your description on item 1 mine is
> very similar to yours . The addition of an amplified computer speaker
> goes a long way to resolve these issues . Until some AGC is added , I
> think the issue will pretty much be the same .
>
> On item number 2 , there is no relay click when you change to 10 meters
> . I just checked again to verify that .
>
> On item number 3 , I do not have any LF slugs for my Bird 43 watt meter
> . However this part seems absolutely normal to me . I don't know that I
> have ever owned an HF radio that did not have less power output on 10
> meters than on the other bands . There is always the possibility that
> you could more accurately tune your filter , but even then I would be
> surprised if you gain more than 1/2 of a watt .
>
> Those are just my thoughts and observations of my own personal radio and
> past experience .
>
> Hopefully many others will give you their observations to allow you to
> make a better informed decision .
>
> Charlie , W5COV
>
>
> On 8/21/2013 10:51 PM, pezcat19 wrote:
> >
> > Hi all,
> >

> > I am trying to decide if I need to send my X1M-Pro back for warranty,
> > or if I should keep it and work on it (mods, improvements, the fun
> > stuff!).
> >
> > If anyone can help with their results for the following, it will help
> > me decide what I need to do. (Overall I am happy with the rig, but I
> > need to know if the issues I have are common, or unique to my radio...)
> >
> > 1 - Loud (strong) SSB signals cause my radio to start clipping /
> > breaking up when the volume control is set to approx 3 o'clock or
> > higher. The audio is generally not very loud, even when the clipping
> > is occurring. (see my video here: http://youtu.be/0apKc2kc8GE)
> >
> > Some members have said their X1M-Pro's are similar to mine, others
> > seem to not have this problem? I would like to understand this so we
> > can look at the problem and resolve it if possible.
> >
> > 2 - Filters for 10M. My radio does not have a "filter relay click" for
> > 10M. Can anyone confirm if this is normal or is it perhaps a faulty
> > relay (or filter section) in my rig?
> >
> > 3 - TX Output power on 10m is between 3.0w -3.5W maximum (measured
> > with multiple meters). All other bands vary between 4W to 6W. 10M SSB
> > is my main/favorite band, so I would like to know if this 3.0-3.5W is
> > normal, or if mine is a little bit down on 10M? (Perhaps related to
> > question 2, filtering above?
> >
> > If I can get to the bottom of these 3 items I will be able to decide
> > what to do... (I am in VK and sending things back to USA is no fun at
> > all!).
> >
> > Thanks in advance,
> >
> > Perrin VK3XPT
> >
> >
>

1005. Re: [X1M_QRP-Transceiver] Audio Quality on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 13:58:38 UTC
From: Ken Downs
Topic: 1003 Message: 1005

Patrick,
Let's be fair here. Do Icom, Kenwood, or Yaesu sell an HF rig this size? No. Do they sell an HF SSB/CW rig for anywhere close to this price? No. We must compare apples to oranges here. Having said that, the SSB on the X1M with headphones or external speaker sounds very good once the rig is properly aligned (no tools and not much time required.) The built-in speaker faces straight up and is very directional. If you sit in front of the radio and turn the volume up because the speaker is not pointed at you, you can get some rattling and/or distortion. The radio is SMALL. Transmitted SSB is also good, but comparing one to another can be tough. Also keep in mind the radio comes with an HT speaker-mic. It works fine, but it's not a Kenwood MC-60. For SSB and digital modes, the radio is very good for its size and price. As ever, YMMV.

Ken, W1KRT
On Aug 22, 2013, at 9:26 AM, stpatryck@gmail.com wrote:

Hi Folks,

I'm thinking of purchasing one of these units and was wondering what the audio quality is like on SSB as compared to Icom, Yaesu, or Kenwood rigs.

Thanks,
Patrick KC2VQK

1006. directional speaker sound

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 14:17:19 UTC
From: kb1chu
Topic: 1006 Message: 1006

I saw an article in Hints and Kinks some time ago where a PVC 45 or 90 degree elbow was used to improve sound from an up firing speaker. It was recommended to use an elbow the same size as the speaker.Place an elbow with one opening over the speaker and have the other one face the listener. I have used this on other radios and it worked for me. Campers can use the elbow to wind antenna wire on for storage and transport. Steve KB1CHU

1007. Re: Audio Quality on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 14:23:41 UTC
From: KeithH
Topic: 1003 Message: 1007

Patrick,

I totally agree with Ken but I also am impressed with how good it does sound. I used mine for hours yesterday worked some DX and had a local ragchew with a friend in the area. I found it perfectly suitable for use over a couple hours. However it might even be better with am external set of cheap amplified speakers. I guess I could complain about the lack of AGC but it doesn't bother me too badly at this point. I will say that I think it compares pretty favorably to what I remember from my FT857D but I always thought that radio had the worse audio ever (so I sold it).

Good Luck & 73,

Keith
AK6ZZ

--- In X1M_QRP-Transceiver@yahoogroups.com, Ken Downs <krtdowns@...> wrote:
>
> Patrick,
> Let's be fair here. Do Icom, Kenwood, or Yaesu sell an HF rig this size? No. Do they sell an HF SSB/CW rig for anywhere close to this price? No. We must compare apples to oranges here. Having said that, the SSB on the X1M with headphones or external speaker sounds very good once the rig is properly aligned (no tools and not much time required.) The built-in speaker faces straight up and is very directional. If you sit in front of the radio and turn the volume up because the speaker is not pointed at you, you can get some rattling and/or distortion. The radio is SMALL. Transmitted SSB is also good, but comparing one to another can be tough. Also keep in mind the radio comes with an HT speaker-mic. It works fine, but it's not a Kenwood MC-60. For SSB and digital modes, the radio is very good for its size and price. As ever, YMMV.
>
> Ken, W1KRT
> On Aug 22, 2013, at 9:26 AM, stpatryck@... wrote:
>
>
> Hi Folks,
>
> I'm thinking of purchasing one of these units and was wondering what the audio quality is like on SSB as compared to Icom, Yaesu, or Kenwood rigs.
>
>
> Thanks,
> Patrick KC2VQK
>

1008. Xiegu X1MII 20 Watt Transceiver availability

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 16:09:18 UTC
From: stpatryck
Topic: 1008 Message: 1008

Hello Folks,

Was wondering if anyone has info on pricing and availability of the X1MII 20 watt rig?

Thanks,
Patrick

1009. Re: directional speaker sound

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 17:39:39 UTC
From: ve2pdt_bob
Topic: 1006 Message: 1009

this is brilliant, and cheap! adding to my go-bag tonight!

Got my X1M early this week, and I must say that I wouldn't be enjoying it as much without the knowledge and tips being shared on this group!

Thanks everyone!

Bob
VE2PDT

--- In X1M_QRP-Transceiver@yahoogroups.com, "kb1chu" <kb1chu@...> wrote:
>
> I saw an article in Hints and Kinks some time ago where a PVC 45 or 90 degree elbow was used to improve sound from an up firing speaker. It was recommended to use an elbow the same size as the speaker.Place an elbow with one opening over the speaker and have the other one face the listener. I have used this on other radios and it worked for me. Campers can use the elbow to wind antenna wire on for storage and transport. Steve KB1CHU
>

1010. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 18:33:02 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 1010

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Manuals/A Users Guide for the X1M PRO Transceiver v2.0.1.pdf
Uploaded by : deadgoose38 <deadgoose@...>
Description : Minor update, typos fixed, parameters explained

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/A%20Users%20Guide%20for%20the%20X1M%20PRO%20Transceiver%20v2.0.1.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

deadgoose38 <deadgoose@...>

1011. Looking for HF Bird Slug

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-22 19:12:08 UTC
From: Charlie , W5COV
Topic: 1011 Message: 1011

I am looking for a low power HF element for a Bird 43 Wattmeter.

Since about 90 percent of my operation is QRP , I would like to have a more accurate way to measure power .

Please contact me off list .

Thanks , Charlie , W5COV

1012. RE: [X1M_QRP-Transceiver] directional speaker sound

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 00:38:07 UTC
From: Fred VE3FAL
Topic: 1006 Message: 1012

We used paper cups and PVC pipe for years to direct sound and for different pitch levels as well..

Works quite well..

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kb1chu
Sent: August 22, 2013 10:17 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] directional speaker sound

I saw an article in Hints and Kinks some time ago where a PVC 45 or 90 degree elbow was used to improve sound from an up firing speaker. It was recommended to use an elbow the same size as the speaker.Place an elbow with one opening over the speaker and have the other one face the listener. I have used this on other radios and it worked for me. Campers can use the elbow to wind antenna wire on for storage and transport. Steve KB1CHU

1013. HAWAII STATE QSO PARTY 2013

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 00:45:01 UTC
From: Charlie , W5COV
Topic: 1013 Message: 1013

Here is the perfect opportunity to get Hawaii on as many modes and bands possible running your QRP X1M .

It runs from 04:00 UTC August 24 through 04:00 UTC August 26 .

Here is the URL for the home page that will give you all of the information .

http://www.hawaiiqsoparty.org/

GOOD DX !!

73 , Charlie , W5COV

1014. MC1350

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 02:22:54 UTC
From: kd4hjt@ymail.com
Topic: 1014 Message: 1014

Anyone have any idea what RW1C at pin 5 of the MC1350 chip would adjust?

Ray, KD4HJT

1015. Re: [X1M_QRP-Transceiver] MC1350

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 02:37:37 UTC
From: Dale Parfitt
Topic: 1014 Message: 1015

This was recently discussed on this forum. Pin 5 is normally the AGC input.
Because the rig does not have AGC the pot is used to set a DC level to the MC-1350, thus manually controlling the gain.

Dale W4OP

From: kd4hjt@ymail.com
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, August 22, 2013 10:22 PM
Subject: [X1M_QRP-Transceiver] MC1350

Anyone have any idea what RW1C at pin 5 of the MC1350 chip would adjust?

Ray, KD4HJT

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6600 - Release Date: 08/22/13

1016. Re: MC1350

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 03:15:20 UTC
From: kd4hjt@ymail.com
Topic: 1014 Message: 1016

Thanks Dale

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> This was recently discussed on this forum. Pin 5 is normally the AGC input.
> Because the rig does not have AGC the pot is used to set a DC level to the MC-1350, thus manually controlling the gain.
>
> Dale W4OP
>
> From: kd4hjt@...
> To: X1M_QRP-Transceiver@...m
> Sent: Thursday, August 22, 2013 10:22 PM
> Subject: [X1M_QRP-Transceiver] MC1350
>
>
>
> Anyone have any idea what RW1C at pin 5 of the MC1350 chip would adjust?
>
> Ray, KD4HJT
>
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.3392 / Virus Database: 3211/6600 - Release Date: 08/22/13
>

1017. Re: [X1M_QRP-Transceiver] Re: MC1350

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 03:22:58 UTC
From: Dale Parfitt
Topic: 1014 Message: 1017

You are welcome Ray. By varying the DC voltage on pin 5 from 5 to 7VDC, the gain can be reduced by 60dB. So, all we need is an op amp or FET, a diode and a couple of resistors and caps, and the rig can have audio derived AGC.
Someone might measure the present voltage on pin 5 to see where the factory has the gain set.
Dale W4OP
----- Original Message -----
From: kd4hjt@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, August 22, 2013 11:15 PM
Subject: [X1M_QRP-Transceiver] Re: MC1350

Thanks Dale

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> This was recently discussed on this forum. Pin 5 is normally the AGC input.
> Because the rig does not have AGC the pot is used to set a DC level to the MC-1350, thus manually controlling the gain.
>
> Dale W4OP
>
> From: kd4hjt@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Thursday, August 22, 2013 10:22 PM
> Subject: [X1M_QRP-Transceiver] MC1350
>
>
>
> Anyone have any idea what RW1C at pin 5 of the MC1350 chip would adjust?
>
> Ray, KD4HJT
>
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.3392 / Virus Database: 3211/6600 - Release Date: 08/22/13
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6600 - Release Date: 08/22/13

1018. Re: [X1M_QRP-Transceiver] Re: MC1350

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 03:35:15 UTC
From: Charlie , W5COV
Topic: 1014 Message: 1018

Boy you were just right on your timing Dale , was just getting ready to put the cover back on . It is 2.6 volts.

Charlie , W5COV

On 8/22/2013 10:22 PM, Dale Parfitt wrote:
>
> You are welcome Ray. By varying the DC voltage on pin 5 from 5 to
> 7VDC, the gain can be reduced by 60dB. So, all we need is an op amp or
> FET, a diode and a couple of resistors and caps, and the rig can have
> audio derived AGC.
> Someone might measure the present voltage on pin 5 to see where the
> factory has the gain set.
> Dale W4OP
>
> ----- Original Message -----
> *From:* kd4hjt@... <mailto:kd4hjt@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Thursday, August 22, 2013 11:15 PM
> *Subject:* [X1M_QRP-Transceiver] Re: MC1350
>
> Thanks Dale
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>, "Dale Parfitt"
> <parinc1@...> wrote:
> >
> > This was recently discussed on this forum. Pin 5 is normally the
> AGC input.
> > Because the rig does not have AGC the pot is used to set a DC
> level to the MC-1350, thus manually controlling the gain.
> >
> > Dale W4OP
> >
> > From: kd4hjt@...
> > To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> > Sent: Thursday, August 22, 2013 10:22 PM
> > Subject: [X1M_QRP-Transceiver] MC1350
> >
> >
> >
> > Anyone have any idea what RW1C at pin 5 of the MC1350 chip would
> adjust?

> >
> > Ray, KD4HJT
> >
> >
> >
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> > No virus found in this message.
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> >
>
> No virus found in this message.
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> Version: 2013.0.3392 / Virus Database: 3211/6600 - Release Date:
> 08/22/13
>
>

1019. Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 04:09:35 UTC
From: Heath - VK3TWO / VK6TWO
Topic: 998 Message: 1019

I've informed the manufacture of this problem directly, and provided some suggestions.
They're flat out manufacturing more radios, so responses can be timely.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
+61 (0) 404 893 178
Website <http://sites.google.com/site/actionman5/>

DSTAR <http://www.dstar.org.au/what_is_dstar.htm> - Co-ordinator (WA)
Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
WA Repeater Group <http://www.warg.org.au> – Committee
WA VHF Group <http://www.wavhfgroup.org.au/> – Committee
Wireless Institute Civil Emergency
Network<http://www.wia.org.au/members/emcom/wicen/>– President &
Technical Officer (WA)
Wireless Institute of Australia <http://www.wia.org.au> – State Advisory
Committee <http://www.wia.org.au/members/advisories/about/> (WA)
Wireless Institute of Australia - State Emergency
Comms<http://www.wia.org.au/members/emcom/about/>co-ordinator (WA)
<spooktech@...> <http://www.spooktech.net>

1020. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 04:29:49 UTC
From: Charlie , W5COV
Topic: 998 Message: 1020

Heath ,

Good to hear that you have direct contact with the manufacturer .Translating what Chinese documents we have received have made for difficult communications as far as I am aware of from people here in North America .

Did you just address those issues raised in this thread yesterday or did you perhaps also make mention of their testing settings for LSB needing to be adjusted also ?

I hope they do address the issues that were raised. It would be nice if they had someone that is fluent in English that would monitor or participate in this group.

They could get some excellent technical feedback here .

They have a really good product , just needs some what I would like to think , are minor issues to a manufacturer ,addressed . It certainly has the potential to blow everyone else out of the water .

73 , W5COV

On 8/22/2013 11:09 PM, Heath - VK3TWO / VK6TWO wrote:
> I've informed the manufacture of this problem directly, and provided
> some suggestions.
> They're flat out manufacturing more radios, so responses can be timely.
>
> 73's
>
> Heath VK3TWO / VK6TWO
> MEngSc, GDipCompSc, DipEE
> +61 (0) 404 893 178
> Website <http://sites.google.com/site/actionman5/>
>
> DSTAR <http://www.dstar.org.au/what_is_dstar.htm> - Co-ordinator (WA)
> Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
> WA Repeater Group <http://www.warg.org.au> ? Committee
> WA VHF Group <http://www.wavhfgroup.org.au/> ? Committee
> Wireless Institute Civil Emergency Network
> <http://www.wia.org.au/members/emcom/wicen/> ? President & Technical
> Officer (WA)
> Wireless Institute of Australia <http://www.wia.org.au> ? State
> Advisory Committee <http://www.wia.org.au/members/advisories/about/> (WA)
> Wireless Institute of Australia - State Emergency Comms

> <http://www.wia.org.au/members/emcom/about/> co-ordinator (WA)
>

1021. Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 05:17:41 UTC
From: wstearns@rocketmail.com
Topic: 998 Message: 1021

That's great news! Well, I spent the evening slowly tuning the BFO's. I found the best setup for me was to put a T in my coax and run my FT-450D and the X1M side by side on the same signal. USB/LSB/CW is aligned and I'm zero beating at 700. Need to do an audio check on the XMIT, but maybe I'll do that tomorrow. So, all is well.

IF : 09000020
LSB: 08998910
USB: 09001125
CW : 08998625

Audio is still weak, but maybe now we'll get an answer from the manufacturer. I picked up a kit for CW filtering, so I'll have that built next week after I finish up my honey do's this weekend. Looked at some simple AGC circuits that I could probably slide into my project box for the CW filter, so we'll see on that. I may take my X1M up hiking in the Beartooth mountains this Saturday as a trial run, but not sure I want to lug the equipment for a 14 mile hike.

Bill, NE4RD

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> Heath ,
>
> Good to hear that you have direct contact with the manufacturer
> .Translating what Chinese documents we have received have made for
> difficult communications as far as I am aware of from people here in
> North America .
>
> Did you just address those issues raised in this thread yesterday or did
> you perhaps also make mention of their testing settings for LSB needing
> to be adjusted also ?
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> I hope they do address the issues that were raised. It would be nice if
> they had someone that is fluent in English that would monitor or
> participate in this group.
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> They could get some excellent technical feedback here .
>
> They have a really good product , just needs some what I would like to
> think , are minor issues to a manufacturer ,addressed . It certainly has
> the potential to blow everyone else out of the water .
>
> 73 , W5COV
>
>

> On 8/22/2013 11:09 PM, Heath - VK3TWO / VK6TWO wrote:
> > I've informed the manufacture of this problem directly, and provided
> > some suggestions.
> > They're flat out manufacturing more radios, so responses can be timely.
> >
> > 73's
> >
> > Heath VK3TWO / VK6TWO
> > MEngSc, GDipCompSc, DipEE
> > +61 (0) 404 893 178
> > Website <http://sites.google.com/site/actionman5/>
> >
> > DSTAR <http://www.dstar.org.au/what_is_dstar.htm> - Co-ordinator (WA)
> > Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
> > WA Repeater Group <http://www.warg.org.au> ☐ Committee
> > WA VHF Group <http://www.wavhfgroup.org.au/> ☐ Committee
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> > <http://www.wia.org.au/members/emcom/wicen/> ☐ President & Technical
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> > Wireless Institute of Australia <http://www.wia.org.au> ☐ State
> > Advisory Committee <http://www.wia.org.au/members/advisories/about/> (WA)
> > Wireless Institute of Australia - State Emergency Comms
> > <http://www.wia.org.au/members/emcom/about/> co-ordinator (WA)
> >
>

1022. RE: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 13:12:24 UTC
From: Lee
Topic: 998 Message: 1022

Mine is

IF : 08999850

LSB: 08998850

USB: 09000950
CW : 08999850

Is every radio different or is mine that far off? Should I set mine to your settings? If there are common setting for all radios could it be put in to that wonderful users guide? Thank you for all you work.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of wstearns@...
Sent: Friday, August 23, 2013 12:18 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

That's great news! Well, I spent the evening slowly tuning the BFO's. I found the best setup for me was to put a T in my coax and run my FT-450D and the X1M side by side on the same signal. USB/LSB/CW is aligned and I'm zero beating at 700. Need to do an audio check on the XMIT, but maybe I'll do that tomorrow. So, all is well.

IF : 09000020
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Audio is still weak, but maybe now we'll get an answer from the manufacturer. I picked up a kit for CW filtering, so I'll have that built next week after I finish up my honey do's this weekend. Looked at some simple AGC circuits that I could probably slide into my project box for the CW filter, so we'll see on that. I may take my X1M up hiking in the Beartooth mountains this Saturday as a trial run, but not sure I want to lug the equipment for a 14 mile hike.

Bill, NE4RD

--- In X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver%40yahoogroups.com> , "Charlie , W5COV"

<cvest@...> wrote:
>
> Heath ,
>
> Good to hear that you have direct contact with the manufacturer
> .Translating what Chinese documents we have received have made for
> difficult communications as far as I am aware of from people here in
> North America .
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> > Heath VK3TWO / VK6TWO
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> > Wireless Institute of Australia - State Emergency Comms
> > <http://www.wia.org.au/members/emcom/about/> co-ordinator (WA)

> >
>

1023. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 13:44:25 UTC
From: William Stearns
Topic: 998 Message: 1023

I think there are slight variations in all the radios. I think this is common, which why most manufacturers do the alignment before they put the radio in a box. I wouldn't worry about having yours match someone else's. I haven't seen two settings the same yet. As long as your TX and RX are on frequency, you are set. It is probably good for the group to see all the variations, so hopefully more people will post their settings.

Bill, NE4RD

_____
From: Lee <mr.olson@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, August 23, 2013 7:12 AM
Subject: RE: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Mine is

IF : 08999850
LSB: 08998850
USB: 09000950
CW : 08999850

Is every radio different or is mine that far off? Should I set mine to your settings? If there are common setting for all radios could it be put in to that wonderful users guide? Thank you for all you work.

Lee – N9LO

From:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of wstearns@...
Sent: Friday, August 23, 2013 12:18 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

That's great news! Well, I spent the evening slowly tuning the BFO's. I found the best setup for me was to put a T in my coax and run my FT-450D and the X1M side by side on the same signal. USB/LSB/CW is aligned and I'm zero beating at 700. Need to do an audio check on the XMIT, but maybe I'll do that tomorrow. So, all is well.

IF : 09000020
LSB: 08998910
USB: 09001125
CW : 08998625

Audio is still weak, but maybe now we'll get an answer from the manufacturer. I picked up a kit for CW filtering, so I'll have that built next week after I finish up my honey do's this weekend. Looked at some simple AGC circuits that I could probably slide into my

project box for the CW filter, so we'll see on that. I may take my X1M up hiking in the Beartooth mountains this Saturday as a trial run, but not sure I want to lug the equipment for a 14 mile hike.

Bill, NE4RD

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> Heath ,
>
> Good to hear that you have direct contact with the manufacturer
> .Translating what Chinese documents we have received have made for
> difficult communications as far as I am aware of from people here in
> North America .
>
> Did you just address those issues raised in this thread yesterday or did
> you perhaps also make mention of their testing settings for LSB needing
> to be adjusted also ?
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> I hope they do address the issues that were raised. It would be nice if
> they had someone that is fluent in English that would monitor or
> participate in this group.
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> They could get some excellent technical feedback here .
>
> They have a really good product , just needs some what I would like to
> think , are minor issues to a manufacturer ,addressed . It certainly has
> the potential to blow everyone else out of the water .
>
> 73 , W5COV
>
>
> On 8/22/2013 11:09 PM, Heath - VK3TWO / VK6TWO wrote:
> > I've informed the manufacture of this problem directly, and provided
> > some suggestions.
> > They're flat out manufacturing more radios, so responses can be timely.
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> > 73's
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> > Heath VK3TWO / VK6TWO
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> >
> > DSTAR <http://www.dstar.org.au/what_is_dstar.htm> - Co-ordinator (WA)
> > Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
> > WA Repeater Group <http://www.warg.org.au> – Committee
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> >
>

1024. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 13:52:09 UTC
From: Dale Parfitt
Topic: 998 Message: 1024

Just a point on good engineering practice-one should never combine two transceivers into a T. It is just way too easy to accidentally TX on one rig and possibly damage the other one . Another issue is noise radiated from one's rig synthesizer etc can now be injected into the other receiver- possibly making it sound deaf or less sensitive.

Dale W4OP

----- Original Message -----
From: wstearns@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, August 23, 2013 1:17 AM
Subject: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

That's great news! Well, I spent the evening slowly tuning the BFO's. I found the best setup for me was to put a T in my coax and run my FT-450D and the X1M side by side on the same signal. USB/LSB/CW is aligned and I'm zero beating at 700. Need to do an audio check on the XMIT, but maybe I'll do that tomorrow. So, all is well.

IF : 09000020
LSB: 08998910
USB: 09001125
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Audio is still weak, but maybe now we'll get an answer from the manufacturer. I picked up a kit for CW filtering, so I'll have that built next week after I finish up my honey do's this weekend. Looked at some simple AGC circuits that I could probably slide into my project box for the CW filter, so we'll see on that. I may take my X1M up hiking in the Beartooth mountains this Saturday as a trial run, but not sure I want to lug the equipment for a 14 mile hike.

Bill, NE4RD

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> Heath ,
>
> Good to hear that you have direct contact with the manufacturer
> .Translating what Chinese documents we have received have made for
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> North America .
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> Did you just address those issues raised in this thread yesterday or did
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> > Wireless Institute of Australia - State Emergency Comms
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> >
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6600 - Release Date: 08/22/13

1025. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 13:56:44 UTC
From: Dale Parfitt
Topic: 998 Message: 1025

I don't own one of these rigs- but each rig is going to have crystals that are a bit different from one another- thus the different settings. Mindful of the SGC SG-2020 transceiver where each one was custom tuned.

Dale W4OP
----- Original Message -----
From: Lee
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, August 23, 2013 9:12 AM
Subject: RE: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Mine is

IF : 08999850

LSB: 08998850

USB: 09000950
CW : 08999850

Is every radio different or is mine that far off? Should I set mine to your settings? If there are common setting for all radios could it be put in to that wonderful users guide? Thank you for all you work.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of wstearns@...
Sent: Friday, August 23, 2013 12:18 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

That's great news! Well, I spent the evening slowly tuning the BFO's. I found the best setup for me was to put a T in my coax and run my FT-450D and the X1M side by side on the same signal. USB/LSB/CW is aligned and I'm zero beating at 700. Need to do an audio check on the XMIT, but maybe I'll do that tomorrow. So, all is well.

IF : 09000020
LSB: 08998910
USB: 09001125
CW : 08998625

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Beartooth mountains this Saturday as a trial run, but not sure I want to lug the equipment for a 14 mile hike.

Bill, NE4RD

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> Heath ,
>
> Good to hear that you have direct contact with the manufacturer
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> They have a really good product , just needs some what I would like to
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> the potential to blow everyone else out of the water .
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> 73 , W5COV
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> On 8/22/2013 11:09 PM, Heath - VK3TWO / VK6TWO wrote:
> > I've informed the manufacture of this problem directly, and provided
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> > They're flat out manufacturing more radios, so responses can be timely.
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> > DSTAR <http://www.dstar.org.au/what_is_dstar.htm> - Co-ordinator (WA)
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> >
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6601 - Release Date: 08/23/13

1026. Re: [X1M_QRP-Transceiver] Re: MC1350

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 13:59:43 UTC
From: Dale Parfitt
Topic: 1014 Message: 1026

Interesting Charlie. Gain reduction does not begin to occur until 5VDC. So she's running "wide open" and probably needs to be given the comments of low audio.
Tnx,
Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, August 22, 2013 11:35 PM
Subject: Re: [X1M_QRP-Transceiver] Re: MC1350

Boy you were just right on your timing Dale , was just getting ready to put the cover back on . It is 2.6 volts.

Charlie , W5COV

On 8/22/2013 10:22 PM, Dale Parfitt wrote:

You are welcome Ray. By varying the DC voltage on pin 5 from 5 to 7VDC, the gain can be reduced by 60dB. So, all we need is an op amp or FET, a diode and a couple of resistors and caps, and the rig can have audio derived AGC.
Someone might measure the present voltage on pin 5 to see where the factory has the gain set.
Dale W4OP
----- Original Message -----
From: kd4hjt@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, August 22, 2013 11:15 PM
Subject: [X1M_QRP-Transceiver] Re: MC1350

Thanks Dale

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> This was recently discussed on this forum. Pin 5 is normally the AGC input.
> Because the rig does not have AGC the pot is used to set a DC level to the MC-1350, thus manually controlling the gain.
>
> Dale W4OP
>
> From: kd4hjt@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Thursday, August 22, 2013 10:22 PM
> Subject: [X1M_QRP-Transceiver] MC1350
>
>
>

> Anyone have any idea what RW1C at pin 5 of the MC1350 chip would adjust?
>
> Ray, KD4HJT
>
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.3392 / Virus Database: 3211/6600 - Release Date: 08/22/13
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6600 - Release Date: 08/22/13

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Version: 2013.0.3392 / Virus Database: 3211/6600 - Release Date: 08/22/13

1027. Re: [X1M_QRP-Transceiver] Re: MC1350

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 14:28:23 UTC
From: Ken Downs
Topic: 1014 Message: 1027

I suspect they run the front end at low gain to reduce overload and IMD problems then try to make up for it in the audio section. Perhaps not the best gain distribution. This would explain the published sensitivity of 0.4uV- relatively deaf by today's ham gear standards. Maybe the attenuator is "not enabled in this model" because it is always on and can't be turned off to prevent the overloading,etc that could occur with no AGC. Just a guess.

Ken, W1KRT

On Aug 23, 2013, at 9:59 AM, Dale Parfitt wrote:

Interesting Charlie. Gain reduction does not begin to occur until 5VDC. So she's running "wide open" and probably needs to be given the comments of low audio.
Tnx,
Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, August 22, 2013 11:35 PM
Subject: Re: [X1M_QRP-Transceiver] Re: MC1350

Boy you were just right on your timing Dale , was just getting ready to put the cover back on . It is 2.6 volts.

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> Someone might measure the present voltage on pin 5 to see where the factory has the gain set.
> Dale W4OP
> ----- Original Message -----
> From: kd4hjt@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Thursday, August 22, 2013 11:15 PM
> Subject: [X1M_QRP-Transceiver] Re: MC1350
>
>
> Thanks Dale
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
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> > This was recently discussed on this forum. Pin 5 is normally the AGC input.

> > Because the rig does not have AGC the pot is used to set a DC level to the MC-1350, thus manually controlling the gain.
> >
> > Dale W4OP
> >
> > From: kd4hjt@...
> > To: X1M_QRP-Transceiver@yahoogroups.com
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> > Subject: [X1M_QRP-Transceiver] MC1350
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> > Anyone have any idea what RW1C at pin 5 of the MC1350 chip would adjust?
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> > No virus found in this message.
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> > Version: 2013.0.3392 / Virus Database: 3211/6600 - Release Date: 08/22/13
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> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.3392 / Virus Database: 3211/6600 - Release Date: 08/22/13
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6600 - Release Date: 08/22/13

1028. Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 14:50:37 UTC
From: W3FIS
Topic: 998 Message: 1028

Thanks for the kind comments about the user's guide! The Version II manual told us where the bodies were hid - function likely supported in the firmware, and the "Chinese English" PRO (III) manual gave us an idea as to what the differences were, and where to find them. The group has been exceptionally helpful in working out the quirks and details.

However, I agree that we are seeing production variations in the filters. Thus, we need to do an alignment. Not a big deal. I have a house full of company this week, so unfortunately can't spend some serious time until next week.

FWIIW, I am going to try using the AM signal from WWV or CHU for testing. First, to get IF offset same... should be able to set for more or less equal signals in USB and LSB. Then, as WWV and CHU send a known tone (440 Hz on WWV, not sure about CHU), set USB/LSB VFOs so that I get the desired signal on Spectran or Argo (poor man's audio frequency meter!). CW -- set CW BFO so I get the same tone as the side tone that I have selected.

What do you think??

73 /paul W3FIS

1029. Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 14:50:58 UTC
From: Heath - VK3TWO / VK6TWO
Topic: 998 Message: 1029

I've had confirmation from the manufacturer that they are going to look into the firmware/LSB, and the AGC.

I've suggested that they do a firmware update to address the SSB/IF default settings etc, and passed on what everyone is experiencing.

I've also made some suggestions re the AGC and making use of pin 5 on the MC-1350.

I forgot to mention the attenuator function, so I'll follow up on that.

They haven't indicated a timeframe or implementation plans, but time will tell.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
+61 (0) 404 893 178
Website <http://sites.google.com/site/actionman5/>

DSTAR <http://www.dstar.org.au/what_is_dstar.htm> - Co-ordinator (WA)
Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
WA Repeater Group <http://www.warg.org.au> – Committee
WA VHF Group <http://www.wavhfgroup.org.au/> – Committee
Wireless Institute Civil Emergency
Network<http://www.wia.org.au/members/emcom/wicen/>– President &
Technical Officer (WA)
Wireless Institute of Australia <http://www.wia.org.au> – State Advisory
Committee <http://www.wia.org.au/members/advisories/about/> (WA)
Wireless Institute of Australia - State Emergency
Comms<http://www.wia.org.au/members/emcom/about/>co-ordinator (WA)
<spooktech@...> <http://www.spooktech.net>

1030. Re: directional speaker sound

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 14:52:02 UTC
From: W3FIS
Topic: 1006 Message: 1030

Slightly off topic, but have you ever seen pictures of EARLY loud speakers? Driver of some sort, even an ear phone, and a big honking horn??

Back to the future..

73 /paul W3FIS

1031. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 15:05:56 UTC
From: Dale Parfitt
Topic: 998 Message: 1031

That's great Heath. Charlie has pointed out that the MC1350 is running at maximum gain (at least judging from the AGC voltage on pin 5). So, if the manufacturer implements AGC they are going to have to add additional gain somewhere to make up for the loss of gain brought about by AGC action.

Finally, has anyone investigated in what stage the audio clipping/ breakup is coming from at high AF gain settings?

Dale W4OP

----- Original Message -----
From: Heath - VK3TWO / VK6TWO
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, August 23, 2013 10:50 AM
Subject: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

I've had confirmation from the manufacturer that they are going to look into the firmware/LSB, and the AGC.

I've suggested that they do a firmware update to address the SSB/IF default settings etc, and passed on what everyone is experiencing.

I've also made some suggestions re the AGC and making use of pin 5 on the MC-1350.

I forgot to mention the attenuator function, so I'll follow up on that.

They haven't indicated a timeframe or implementation plans, but time will tell.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
+61 (0) 404 893 178
Website

DSTAR - Co-ordinator (WA)
Hills Amateur Radio Group - Technical Officer
WA Repeater Group – Committee
WA VHF Group – Committee
Wireless Institute Civil Emergency Network – President & Technical Officer (WA)
Wireless Institute of Australia – State Advisory Committee (WA)
Wireless Institute of Australia - State Emergency Comms co-ordinator (WA)

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6601 - Release Date: 08/23/13

1032. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 16:22:42 UTC
From: Ken Downs
Topic: 998 Message: 1032

Paul,
Yes, many thanks to all involved in the User's Guides. All versions of it have helped me a great deal.
WWV, CHU, and other AM stations work very well for i.f. offset and SSB alignments, I also use a digital communications program waterfall (fldigi is my choice, but any of them will work) to see what's going on. To adjust the LSB and USB BFOs you can also detune, say, an AM broadcast station to get a good strong carrier signal at 1kHz or whatever instead of tuning for best audio sound. (I have a local station on 1010kHz, so I set the X1M to 1009 and adjust the USB BFO for a solid 1000Hz signal on the waterfall, then retune the X1M to 1011kHz to adjust the LSB BFO. Of course you could use WWV, CHU, or some other known-accurate station instead.) I'm still fighting with CW. I am so far unable to get the X1M to transmit on the indicated dial frequency (in a ham band) and then, without making any changes, also receive (with the proper tone frequency) a signal from another radio on that same frequency. It might be me; I think it's a firmware issue. Fred, VE3FAL has duplicated the problem and I have not yet heard from him that he has the solution. We'll see.
Have a great weekend with the family!
73
Ken, W1KRT

On Aug 23, 2013, at 10:50 AM, W3FIS wrote:

Thanks for the kind comments about the user's guide! The Version II manual told us where the bodies were hid - function likely supported in the firmware, and the "Chinese English" PRO (III) manual gave us an idea as to what the differences were, and where to find them. The group has been exceptionally helpful in working out the quirks and details.

However, I agree that we are seeing production variations in the filters. Thus, we need to do an alignment. Not a big deal. I have a house full of company this week, so unfortunately can't spend some serious time until next week.

FWIIW, I am going to try using the AM signal from WWV or CHU for testing. First, to get IF offset same... should be able to set for more or less equal signals in USB and LSB. Then, as WWV and CHU send a known tone (440 Hz on WWV, not sure about CHU), set USB/LSB VFOs so that I get the desired signal on Spectran or Argo (poor man's audio frequency meter!). CW -- set CW BFO so I get the same tone as the side tone that I have selected.

What do you think??

73 /paul W3FIS

1033. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 16:31:20 UTC
From: William Stearns
Topic: 998 Message: 1033

I adjusted the CW to match my FT-450D in CW-USB mode. Then everything worked where it should. Both rigs zero beat at 700.

Bill, NE4RD

From: Ken Downs <krtdowns@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, August 23, 2013 10:22 AM
Subject: Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Paul,
Yes, many thanks to all involved in the User's Guides. All versions of it have helped me a great deal.
WWV, CHU, and other AM stations work very well for i.f. offset and SSB alignments, I also use a digital communications program waterfall (fldigi is my choice, but any of them will work) to see what's going on. To adjust the LSB and USB BFOs you can also detune, say, an AM broadcast station to get a good strong carrier signal at 1kHz or whatever instead of tuning for best audio sound. (I have a local station on 1010kHz, so I set the X1M to 1009 and adjust the USB BFO for a solid 1000Hz signal on the waterfall, then retune the X1M to 1011kHz to adjust the LSB BFO. Of course you could use WWV, CHU, or some other known-accurate station instead.) I'm still fighting with CW. I am so far unable to get the X1M to transmit on the indicated dial frequency (in a ham band) and then, without making any changes, also receive (with the proper tone frequency) a signal from another radio on that same frequency. It might be me; I think it's a firmware issue. Fred, VE3FAL has duplicated the problem and I have not yet heard from him that he has the solution. We'll see.
Have a great weekend with the family!
73
Ken, W1KRT

On Aug 23, 2013, at 10:50 AM, W3FIS wrote:

Thanks for the kind comments about the user's guide! The Version II manual told us where the bodies were hid - function likely supported in the firmware, and the "Chinese English" PRO (III) manual gave us an idea as to what the differences were, and where to find them. The group has been exceptionally helpful in working out the quirks and details.

However, I agree that we are seeing production variations in the filters. Thus, we need to do an alignment. Not a big deal. I have a house full of company this week, so unfortunately can't spend some serious time until next week.

FWIIW, I am going to try using the AM signal from WWV or CHU for testing. First, to get IF offset same... should be able to set for more or less equal signals in USB and LSB. Then, as WWV and CHU send a known tone (440 Hz on WWV, not sure about CHU), set USB/LSB VFOs so

that I get the desired signal on Spectran or Argo (poor man's audio frequency meter!). CW -- set CW BFO so I get the same tone as the side tone that I have selected.

What do you think??

73 /paul W3FIS

1034. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 18:01:49 UTC
From: Tim
Topic: 998 Message: 1034

I would think that the clipping was because of the little LM386 used for the speaker driver.

Would be interesting to put a scope on the input to the 386 to confirm.

Tim W5FN

1035. Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 19:25:10 UTC
From: W3FIS
Topic: 998 Message: 1035

--- In X1M_QRP-Transceiver@yahoogroups.com, Ken Downs <krtdowns@...> wrote:
>
> Paul,
> Yes, many thanks to all involved in the User's Guides. All versions of it have helped me a great deal.
> WWV, CHU, and other AM stations work very well for i.f. offset and SSB alignments, I also use a digital communications program waterfall (fldigi is my choice, but any of them will work) to see what's going on. To adjust the LSB and USB BFOs you can also detune, say, an AM broadcast station to get a good strong carrier signal at 1kHz or whatever instead of tuning for best audio sound. (I have a local station on 1010kHz, so I set the X1M to 1009 and adjust the USB BFO for a solid 1000Hz signal on the waterfall, then retune the X1M to 1011kHz to adjust the LSB BFO. Of course you could use WWV, CHU, or some other known-accurate station instead.) I'm still fighting with CW. I am so far unable to get the X1M to transmit on the indicated dial frequency (in a ham band) and then, without making any changes, also receive (with the proper tone frequency) a signal from another radio on that same frequency. It might be me; I think it's a firmware issue.

I haven't tried to duplicate that problem yet, but clearly a firmware issue, IMHO.

Fred, VE3FAL has duplicated the problem and I have not yet heard from him that he has the solution. We'll see.

Hey, I like that trick of setting USB/LSB BFO. Just did it with CHU, and changed dial frequency. Very slick!

/paul

1036. Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 19:34:04 UTC
From: W3FIS
Topic: 998 Message: 1036

--- In X1M_QRP-Transceiver@yahoogroups.com, William Stearns <wstearns@...> wrote:
>
> I adjusted the CW to match my FT-450D in CW-USB mode. Â Then everything worked where it should. Â Both rigs zero beat at 700.
>

OK, you might very well have the issue resolved. I am not clear by what you mean by CW-USB mode? Insertion on high side of received carrier? Please elaborate.

Default tone is 800. Do you mean it should be set to 700?

Do I adjust CW BFO, and if so, to achieve what?

73 /paul W3FIS

1037. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 21:12:42 UTC
From: Charlie , W5COV
Topic: 998 Message: 1037

Thanks Heath . Sounds like you at least have their attention on the issues that just need improved on before they leave the factory .

Please keep us informed.

Charlie , W5COV

On 8/23/2013 9:50 AM, Heath - VK3TWO / VK6TWO wrote:
> I've had confirmation from the manufacturer that they are going to
> look into the firmware/LSB, and the AGC.
>
> I've suggested that they do a firmware update to address the SSB/IF
> default settings etc, and passed on what everyone is experiencing.
>
> I've also made some suggestions re the AGC and making use of pin 5 on
> the MC-1350.
>
> I forgot to mention the attenuator function, so I'll follow up on that.
>
> They haven't indicated a timeframe or implementation plans, but time
> will tell.
>
> 73's
>
> Heath VK3TWO / VK6TWO
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> +61 (0) 404 893 178
> Website <http://sites.google.com/site/actionman5/>
>
> DSTAR <http://www.dstar.org.au/what_is_dstar.htm> - Co-ordinator (WA)
> Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
> WA Repeater Group <http://www.warg.org.au> ? Committee
> WA VHF Group <http://www.wavhfgroup.org.au/> ? Committee
> Wireless Institute Civil Emergency Network
> <http://www.wia.org.au/members/emcom/wicen/> ? President & Technical
> Officer (WA)
> Wireless Institute of Australia <http://www.wia.org.au> ? State
> Advisory Committee <http://www.wia.org.au/members/advisories/about/> (WA)
> Wireless Institute of Australia - State Emergency Comms
> <http://www.wia.org.au/members/emcom/about/> co-ordinator (WA)
>

1038. RE: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 21:20:38 UTC
From: <orders@...>
Topic: 998 Message: 1038

Thats great Heath! Any word on whether they are just looking to update the PRO line or are they talking the v II line some of us have as well? And if they are -- do you know if that might include a firmware update to include the full 40m and 80m bands filtered?

Thanks!
-Chris

ps - Sorry I think I sent you a private message like this before and I meant to post it to the group. The new format fooled me.

--- In X1M_QRP-Transceiver@yahoogroups.com, <cvest@...> wrote:

Thanks Heath . Sounds like you at least have their attention on the issues that just need improved on before they leave the factory .

Please keep us informed.

Charlie , W5COV

On 8/23/2013 9:50 AM, Heath - VK3TWO / VK6TWO wrote:

I've had confirmation from the manufacturer that they are going to look into the firmware/LSB, and the AGC.

I've suggested that they do a firmware update to address the SSB/IF default settings etc, and passed on what everyone is experiencing.

I've also made some suggestions re the AGC and making use of pin 5 on the MC-1350.

I forgot to mention the attenuator function, so I'll follow up on that.

They haven't indicated a timeframe or implementation plans, but time will tell.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
+61 (0) 404 893 178
Website (http://sites.google.com/site/actionman5/)

DSTAR (http://www.dstar.org.au/what_is_dstar.htm) - Co-ordinator (WA)
Hills Amateur Radio Group (http://www.harg.org.au) - Technical Officer
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WA VHF Group (http://www.wavhfgroup.org.au/) – Committee
Wireless Institute Civil Emergency Network (http://www.wia.org.au/members/emcom/wicen/) – President & Technical Officer (WA)
Wireless Institute of Australia (http://www.wia.org.au) – State Advisory Committee (http://www.wia.org.au/members/advisories/about/) (WA)
Wireless Institute of Australia - State Emergency Comms

(http://www.wia.org.au/members/emcom/about/) co-ordinator (WA)

1039. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 21:25:08 UTC
From: Charlie , W5COV
Topic: 998 Message: 1039

Dale
I will try to get a good look at the audio chain this weekend (in between Hawaii contacts lol) . I 'll "try" to follow the receive chain as much as is possible by sight and the version 1 schematic in the files . I'll try to get some voltage readings and see how hard they are pushing the LM-386. Luckily the 1350 and 386 are right on top of the top board and are not surface mount , so there is a good possibility to get a good idea of the audio end of the receive chain . We old fellers sometimes have issues seeing those tiny new fangled parts .<grin>

I have a full bench here, Tektronix spectrum analyzer ,HP SLM , HP frequency counter , GPS locked ,precision synthesizers , good dual trace scope , just need a day when this old body of mine that has been badly abused , through no real fault of mine , will allow me to spend an entire day putting this through all the test gear . So I do have the bench ability to check the specs on the radio , just waiting on my body to give me that good day :)

Charlie

On 8/23/2013 10:05 AM, Dale Parfitt wrote:
>
> That's great Heath. Charlie has pointed out that the MC1350 is running
> at maximum gain (at least judging from the AGC voltage on pin 5). So,
> if the manufacturer implements AGC they are going to have to add
> additional gain somewhere to make up for the loss of gain brought
> about by AGC action.
> Finally, has anyone investigated in what stage the audio clipping/
> breakup is coming from at high AF gain settings?
> Dale W4OP
>
> ----- Original Message -----
> *From:* Heath - VK3TWO / VK6TWO <mailto:vk3two@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Friday, August 23, 2013 10:50 AM
> *Subject:* [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or
> send it back?
>
> I've had confirmation from the manufacturer that they are going to
> look into the firmware/LSB, and the AGC.
>
> I've suggested that they do a firmware update to address the
> SSB/IF default settings etc, and passed on what everyone is

> experiencing.
>
> I've also made some suggestions re the AGC and making use of pin 5
> on the MC-1350.
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> I forgot to mention the attenuator function, so I'll follow up on
> that.
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> time will tell.
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> 73's
>
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> Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
> WA Repeater Group <http://www.warg.org.au> ? Committee
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> Wireless Institute of Australia <http://www.wia.org.au> ? State
> Advisory Committee
> <http://www.wia.org.au/members/advisories/about/> (WA)
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>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2013.0.3392 / Virus Database: 3211/6601 - Release Date:
> 08/23/13
>
>

1040. Ham Radio Deluxe

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 21:41:12 UTC
From: Lee - N9LO
Topic: 1040 Message: 1040

If you are thinking of getting the free version of Ham Radio Deluxe the author is removing all version 5 software from the downloads/archive area of his server on September 1, 2013. You have to pay for version 6. The latest version is 5.24.36

Lee - N9LO

1041. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 21:45:32 UTC
From: Dale Parfitt
Topic: 998 Message: 1041

I too have a full lab Charlie- mostly Agielent- but I am lacking the radio!
I know everyone appreciates your testing.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: Dale Parfitt
Sent: Friday, August 23, 2013 5:25 PM
Subject: Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Dale
I will try to get a good look at the audio chain this weekend (in between Hawaii contacts lol) . I 'll "try" to follow the receive chain as much as is possible by sight and the version 1 schematic in the files . I'll try to get some voltage readings and see how hard they are pushing the LM-386. Luckily the 1350 and 386 are right on top of the top board and are not surface mount , so there is a good possibility to get a good idea of the audio end of the receive chain . We old fellers sometimes have issues seeing those tiny new fangled parts .<grin>

I have a full bench here, Tektronix spectrum analyzer ,HP SLM , HP frequency counter , GPS locked ,precision synthesizers , good dual trace scope , just need a day when this old body of mine that has been badly abused , through no real fault of mine , will allow me to spend an entire day putting this through all the test gear . So I do have the bench ability to check the specs on the radio , just waiting on my body to give me that good day :)

Charlie

On 8/23/2013 10:05 AM, Dale Parfitt wrote:

That's great Heath. Charlie has pointed out that the MC1350 is running at maximum gain (at least judging from the AGC voltage on pin 5). So, if the manufacturer implements AGC they are going to have to add additional gain somewhere to make up for the loss of gain brought about by AGC action.

Finally, has anyone investigated in what stage the audio clipping/ breakup is coming from at high AF gain settings?

Dale W4OP

----- Original Message -----
From: Heath - VK3TWO / VK6TWO
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, August 23, 2013 10:50 AM
Subject: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

I've had confirmation from the manufacturer that they are going to look into the firmware/LSB, and the AGC.

I've suggested that they do a firmware update to address the SSB/IF default settings etc, and passed on what everyone is experiencing.

I've also made some suggestions re the AGC and making use of pin 5 on the MC-1350.

I forgot to mention the attenuator function, so I'll follow up on that.

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73's

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6601 - Release Date: 08/23/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6601 - Release Date: 08/23/13

1042. Re: Audio Quality on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 21:58:27 UTC
From: W3FIS
Topic: 1003 Message: 1042

Once you get it aligned -- mainly the IF adjustment, it is fine, both USB and LSB, even on AM MW broadcast band!

The speaker is marginal, but we know that. I have an amplified computer speaker which works well.

73 /paul W3FIS

1043. RE: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 22:40:55 UTC
From: Fred VE3FAL
Topic: 998 Message: 1043

So has the alignments changed the cw offset so that it is right on with another rig as stated in my last findings?

I am also interested to see a list of the offsets and how they compare with others.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ken Downs
Sent: August 23, 2013 12:23 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Paul,

Yes, many thanks to all involved in the User's Guides. All versions of it have helped me a great deal.

WWV, CHU, and other AM stations work very well for i.f. offset and SSB alignments, I also use a digital communications program waterfall (fldigi is my choice, but any of them will work) to see what's going on. To adjust the LSB and USB BFOs you can also detune, say, an AM broadcast station to get a good strong carrier signal at 1kHz or whatever instead of tuning for best audio sound. (I have a local station on 1010kHz, so I set the X1M to 1009 and adjust the USB BFO for a solid 1000Hz signal on the waterfall, then retune the X1M to 1011kHz to adjust the LSB BFO. Of course you could use WWV, CHU, or some other known-accurate station instead.) I'm still fighting with CW. I am so far unable to get the X1M to transmit on the indicated dial frequency (in a ham band) and then, without making any changes, also receive (with the proper tone frequency) a signal from another radio on that same frequency. It might be me; I think it's a firmware issue. Fred, VE3FAL has duplicated the problem and I have not yet heard from him that he has the solution. We'll see.

Have a great weekend with the family!

73

Ken, W1KRT

On Aug 23, 2013, at 10:50 AM, W3FIS wrote:

Thanks for the kind comments about the user's guide! The Version II manual told us where the bodies were hid - function likely supported in the firmware, and the "Chinese English" PRO (III) manual gave us an idea as to what the differences were, and where to find them. The group has been exceptionally helpful in working out the quirks and details.

However, I agree that we are seeing production variations in the filters. Thus, we need to do an alignment. Not a big deal. I have a house full of company this week, so unfortunately can't spend some serious time until next week.

FWIIW, I am going to try using the AM signal from WWV or CHU for testing. First, to get IF offset same... should be able to set for more or less equal signals in USB and LSB. Then, as WWV and CHU send a known tone (440 Hz on WWV, not sure about CHU), set USB/LSB VFOs so that I get the desired signal on Spectran or Argo (poor man's audio frequency meter!). CW -- set CW BFO so I get the same tone as the side tone that I have selected.

What do you think??

73 /paul W3FIS

1044. Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 22:43:14 UTC
From: Charlie , W5COV
Topic: 1003 Message: 1044

Wonder where everyone is located , so maybe we can have more X1M to X1M contacts . The bands here all of them were terrible in the early morning hours . Likely the result of all of the solar activity this week.

I am located in Northeast Oklahoma . I am only 1/2 mile south of the Kansas / Oklahoma state line . I can literally see structures over in Kansas from my backyard .

I live in what is often called the 4 state area also since Kansas , Oklahoma , Arkansas , and Missouri come very close to all joining into a true 4 state corner . I am only about 60 miles west of Joplin , Missouri .

Charlie , W5COV

On 8/23/2013 4:58 PM, W3FIS wrote:
>
> Once you get it aligned -- mainly the IF adjustment, it is fine, both
> USB and LSB, even on AM MW broadcast band!
>
> The speaker is marginal, but we know that. I have an amplified
> computer speaker which works well.
>
> 73 /paul W3FIS
>
>

1045. Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 23:13:17 UTC
From: Dale Parfitt
Topic: 1003 Message: 1045

Yep, let us know what freqs you are on and I'll give a listen here too and QSO should I hear you.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: W3FIS
Sent: Friday, August 23, 2013 6:43 PM
Subject: Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

Wonder where everyone is located , so maybe we can have more X1M to X1M contacts . The bands here all of them were terrible in the early morning hours . Likely the result of all of the solar activity this week.

I am located in Northeast Oklahoma . I am only 1/2 mile south of the Kansas / Oklahoma state line . I can literally see structures over in Kansas from my backyard .

I live in what is often called the 4 state area also since Kansas , Oklahoma , Arkansas , and Missouri come very close to all joining into a true 4 state corner . I am only about 60 miles west of Joplin , Missouri .

Charlie , W5COV

On 8/23/2013 4:58 PM, W3FIS wrote:

Once you get it aligned -- mainly the IF adjustment, it is fine, both USB and LSB, even on AM MW broadcast band!

The speaker is marginal, but we know that. I have an amplified computer speaker which works well.

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6603 - Release Date: 08/23/13

1046. Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 23:36:11 UTC
From: Charlie , W5COV
Topic: 1003 Message: 1046

lol Dale , I guess it does pay to look people up from time to time . I should have recognized you from more than one group and project . My old brain doesn't function so well these days :)

Absolutely beautiful work on the Hallicrafters .

I have an SR-150 and T O Keyer that I have gone through electrically , and now it is on to the cosmetics .

Just checked into the local state net on 3.900 MHz. Will probably not get on too much until later this evening 0:300 until all of the bands close down . Nice thing about being an old bachelor with just 2 dogs to have to keep happy . Time has little relevance to me so I am just as apt to be on at 2 or 3 a.m. as I am 2 or 3 p.m.

I spend a lot of time monitoring 7.208.5 , in case a friend of mine in Alabama shows up . He lives in a remote area of the state where much of my family is located .

Then some receiver is always on one of the experimental bands . Usually use the SLM for that .

Charlie , W5COV

On 8/23/2013 6:13 PM, Dale Parfitt wrote:
>
> Yep, let us know what freqs you are on and I'll give a listen here too
> and QSO should I hear you.
> Dale W4OP
>
> ----- Original Message -----
> *From:* Charlie , W5COV <mailto:cvest@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Cc:* W3FIS <mailto:deadgoose@...>
> *Sent:* Friday, August 23, 2013 6:43 PM
> *Subject:* Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB
>
> Wonder where everyone is located , so maybe we can have more X1M
> to X1M contacts . The bands here all of them were terrible in the
> early morning hours . Likely the result of all of the solar
> activity this week.
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> I am located in Northeast Oklahoma . I am only 1/2 mile south of
> the Kansas / Oklahoma state line . I can literally see structures
> over in Kansas from my backyard .
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> I live in what is often called the 4 state area also since Kansas
> , Oklahoma , Arkansas , and Missouri come very close to all
> joining into a true 4 state corner . I am only about 60 miles west
> of Joplin , Missouri .
>
> Charlie , W5COV
>
>
> On 8/23/2013 4:58 PM, W3FIS wrote:
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>> Once you get it aligned -- mainly the IF adjustment, it is fine,
>> both USB and LSB, even on AM MW broadcast band!
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>> The speaker is marginal, but we know that. I have an amplified
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> Version: 2013.0.3392 / Virus Database: 3211/6603 - Release Date:
> 08/23/13
>
>

1047. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 23:49:20 UTC
From: William Stearns
Topic: 998 Message: 1047

My bad, just confirmed it's transmitting up the the tone value. So, if you are set at 14.042.0 (700), your tansmission is going out zero beating to 14.042.7

That's what I get for testing stuff late at night. So, we need a patch or something to make this thing useful for CW.

Bill, NE4RD

From: Fred VE3FAL <flesnick@...t>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, August 23, 2013 4:40 PM
Subject: RE: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

So has the alignments changed the cw offset so that it is right on with another rig as stated in my last findings?
I am also interested to see a list of the offsets and how they compare with others.

Fred
VE3FAL

From:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ken Downs
Sent: August 23, 2013 12:23 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Paul,
Yes, many thanks to all involved in the User's Guides. All versions of it have helped me a great deal.
WWV, CHU, and other AM stations work very well for i.f. offset and SSB alignments, I also use a digital communications program waterfall (fldigi is my choice, but any of them will work) to see what's going on. To adjust the LSB and USB BFOs you can also detune, say, an AM broadcast station to get a good strong carrier signal at 1kHz or whatever instead of tuning for best audio sound. (I have a local station on 1010kHz, so I set the X1M to 1009 and adjust the USB BFO for a solid 1000Hz signal on the waterfall, then retune the X1M to 1011kHz to adjust the LSB BFO. Of course you could use WWV, CHU, or some other known-accurate station instead.) I'm still fighting with CW. I am so far unable to get the X1M to transmit on the indicated dial frequency (in a ham band) and then, without making any changes, also receive (with the proper tone frequency) a signal from another radio on that same frequency. It might be me; I think it's a firmware issue. Fred, VE3FAL has duplicated the problem and I have not yet heard from him that he has the solution. We'll see.
Have a great weekend with the family!
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Ken, W1KRT

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Thanks for the kind comments about the user's guide! The Version II manual told us where the bodies were hid - function likely supported in the firmware, and the "Chinese English" PRO (III) manual gave us an idea as to what the differences were, and where to find them. The group has been exceptionally helpful in working out the quirks and details.

However, I agree that we are seeing production variations in the filters. Thus, we need to do an alignment. Not a big deal. I have a house full of company this week, so unfortunately can't spend some serious time until next week.

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What do you think??

73 /paul W3FIS

1048. Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-23 23:56:26 UTC
From: Dale Parfitt
Topic: 1003 Message: 1048

Great Charlie. I'll put the K3 on the 40M freq tonight. I check in with a tech group on 7128 evenings and mornings- mostly an SWL here.
I have 2 wonderful rescue pups- a Silkie Terrier and a deer faced Chihuahua- great company in the lab.
My main hobby is 23cM EME and I am just getting access to the moon tonight as it gets into positive declination. S that will take some of my time also. Neat on the SR-150- a beautiful radio.
Dale
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: Dale Parfitt
Sent: Friday, August 23, 2013 7:36 PM
Subject: Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

lol Dale , I guess it does pay to look people up from time to time . I should have recognized you from more than one group and project . My old brain doesn't function so well these days :)

Absolutely beautiful work on the Hallicrafters .

I have an SR-150 and T O Keyer that I have gone through electrically , and now it is on to the cosmetics .

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Then some receiver is always on one of the experimental bands . Usually use the SLM for that .

Charlie , W5COV

On 8/23/2013 6:13 PM, Dale Parfitt wrote:

Yep, let us know what freqs you are on and I'll give a listen here too and QSO should I hear you.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: W3FIS

Sent: Friday, August 23, 2013 6:43 PM
Subject: Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

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Charlie , W5COV

On 8/23/2013 4:58 PM, W3FIS wrote:

Once you get it aligned -- mainly the IF adjustment, it is fine, both USB and LSB, even on AM MW broadcast band!

The speaker is marginal, but we know that. I have an amplified computer speaker which works well.

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6603 - Release Date: 08/23/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6603 - Release Date: 08/23/13

1049. X1M Platinum and CW, anyone made a qso yet?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 00:32:46 UTC
From: Fred VE3FAL
Topic: 1049 Message: 1049

Just curious as to if anyone has made a qso yet with the X1M Platinum ?

I made all the IF offset adjustments and cw adjustment but still issues as far as I can see with the radio, the transmit and receive are still off, I can mark my transmit on the other rig, but have to move vfo to hear station on qrg.

It also functions like my old Oak Hills research OHR-40 cw receiver in that I hear the signal twice and have to tune down to get the station spot on.

I know you guys are making SSB qso's. but who has used it on cw so far with success?

I know I made all kinds on the X1M Ver II.

Fred

VE3FAL

1050. Re: [X1M_QRP-Transceiver] X1M Platinum and CW, anyone made a qso yet?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 00:47:04 UTC
From: Dale Parfitt
Topic: 1049 Message: 1050

Hi Fred,
While I don't own the XM-1, if you are hearing boths sides of a CW signal, then the IF is not properly placed in the xtal filter.
Not owning the rig, I cannot tell you how to do this, just an observation.
GL,

Dale W4OP
----- Original Message -----
From: Fred VE3FAL
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, August 23, 2013 8:32 PM
Subject: [X1M_QRP-Transceiver] X1M Platinum and CW, anyone made a qso yet?

Just curious as to if anyone has made a qso yet with the X1M Platinum ?

I made all the IF offset adjustments and cw adjustment but still issues as far as I can see with the radio, the transmit and receive are still off, I can mark my transmit on the other rig, but have to move vfo to hear station on qrg.

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I know you guys are making SSB qso's. but who has used it on cw so far with success?

I know I made all kinds on the X1M Ver II.

Fred

VE3FAL

< o>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6603 - Release Date: 08/23/13

1051. Transmit bang on on 40 meters, have to check 20 again

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 00:50:36 UTC
From: Fred VE3FAL
Topic: 1051 Message: 1051
Attachments: 1 described; binary payloads are missing from this source WARC

<http://www.reversebeacon.net/qrz/rbn/K2NNY> K2NNY

http://x.dxwatch.net/img/f/ca.gif
<http://www.reversebeacon.net/qrz/rbn/VE3FAL> VE3FAL

7030.0

CW CQ [LoTW]

24 dB

14 wpm

0047z 24 Aug

<http://www.reversebeacon.net/qrz/rbn/K1TTT> K1TTT

http://x.dxwatch.net/img/f/ca.gif
<http://www.reversebeacon.net/qrz/rbn/VE3FAL> VE3FAL

7030.0

CW CQ [LoTW]

16 dB

14 wpm

0047z 24 Aug

<http://www.reversebeacon.net/qrz/rbn/WA7LNW> WA7LNW

http://x.dxwatch.net/img/f/ca.gif
<http://www.reversebeacon.net/qrz/rbn/VE3FAL> VE3FAL

14016.8

CW CQ [LoTW]

8 dB

15 wpm

0036z 24 Aug

Fred

VE3FAL

1052. Re: X1M Platinum and CW, anyone made a qso yet?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 00:57:22 UTC
From: Paul W. Ross
Topic: 1049 Message: 1052

About 5-6 before I did the alignment, all on 20 meters. Solid copy into NC and FL, marginal into Illinois, but the propagation gods were not smiling.

73 /paul W3FIS

1053. RE: [X1M_QRP-Transceiver] Re: X1M Platinum and CW, anyone made a qso yet?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 01:02:35 UTC
From: Fred VE3FAL
Topic: 1049 Message: 1053
Attachments: 1 described; binary payloads are missing from this source WARC

20 meters is spot on transmit with RBN.

rows to show:

Top of Form

Bottom of Form

<http://www.reversebeacon.net/dxsd1/srch.php> showing spots for DX call:
VE3FAL
search spot by callsign

Top of Form

search callsign: DX DE
wildcard * allowed

Bottom of Form

de

dx

freq

cq/dx

snr

speed

time

<http://www.reversebeacon.net/qrz/rbn/K6XT> K6XT

http://x.dxwatch.net/img/f/ca.gif
<http://www.reversebeacon.net/qrz/rbn/VE3FAL> VE3FAL

14035.0

CW CQ [LoTW]

24 dB

15 wpm

0100z 24 Aug

<http://www.reversebeacon.net/qrz/rbn/WA7LNW> WA7LNW

http://x.dxwatch.net/img/f/ca.gif
<http://www.reversebeacon.net/qrz/rbn/VE3FAL> VE3FAL

14035.0

CW CQ [LoTW]

9 dB

15 wpm

0100z 24 Aug

Fred

VE3FAL

About 5-6 before I did the alignment, all on 20 meters. Solid copy into NC and FL, marginal into Illinois, but the propagation gods were not smiling.

73 /paul W3FIS

1054. Outstanding issues

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 01:04:30 UTC
From: W3FIS
Topic: 1054 Message: 1054

OK, we have a good (various) handle on ways to set up the IF shift and LSB/USB. Using an AM station (carrier + USB + LSB) and shifting 1 kHz would seem to be "best practice" at this point, IMHO.

The jury seems to be out on whether we have, or do not have a problem with CW -- xmit and receive frequencies apparently different, when they should not be.

Can we solve this? If so, how, or do we have a "feature" that needs to be fixed in firmware.

The audio issue seems to lie with the LM386 chip. Getting an amplified computer speaker would appear to be the most straight forward solution, short of a better audio chip.

AGC - we don't have any. Can't win them all....

Inquiring minds want to know...

Thanks!

73 /paul W3FIS
73

1055. RE: [X1M_QRP-Transceiver] X1M Platinum and CW, anyone made a qso yet?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 01:14:20 UTC
From: Lee
Topic: 1049 Message: 1055

My X1M Pro settings are set original and checked in to a contest in Florida and one in Washington state last Saturday using my Buddipole in my living room. I don't miss my wife much. Divorce has some advantages.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Fred VE3FAL
Sent: Friday, August 23, 2013 7:33 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M Platinum and CW, anyone made a qso yet?

Just curious as to if anyone has made a qso yet with the X1M Platinum ?

I made all the IF offset adjustments and cw adjustment but still issues as far as I can see with the radio, the transmit and receive are still off, I can mark my transmit on the other rig, but have to move vfo to hear station on qrg.

It also functions like my old Oak Hills research OHR-40 cw receiver in that I hear the signal twice and have to tune down to get the station spot on.

I know you guys are making SSB qso's. but who has used it on cw so far with success?

I know I made all kinds on the X1M Ver II.

Fred

VE3FAL

1056. Chinese radio manual project

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 01:50:45 UTC
From: kd5inm
Topic: 1056 Message: 1056

Check out this site
http://radiodoc.github.io/

it is the home for manuals for Chinese radios
it might be good to post what our group has on the X1M.

John kd5inm

1057. Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 03:09:50 UTC
From: Keith Heimbold
Topic: 1003 Message: 1057

Sounds good to me. Band conditions are not great but enjoy the challenge. I use a Yagi for 40,20,17 but I am guessing 20 or 17 might be better options.

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Aug 23, 2013, at 8:05 PM, "Charlie , W5COV" <cvest@cox.net> wrote:

> Wonder where everyone is located , so maybe we can have more X1M to X1M contacts . The bands here all of them were terrible in the early morning hours . Likely the result of all of the solar activity this week.
>
> I am located in Northeast Oklahoma . I am only 1/2 mile south of the Kansas / Oklahoma state line . I can literally see structures over in Kansas from my backyard .
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> I live in what is often called the 4 state area also since Kansas , Oklahoma , Arkansas , and Missouri come very close to all joining into a true 4 state corner . I am only about 60 miles west of Joplin , Missouri .
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> On 8/23/2013 4:58 PM, W3FIS wrote:
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>> The speaker is marginal, but we know that. I have an amplified computer speaker which works well.
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>> 73 /paul W3FIS
>
>

1058. Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 04:15:31 UTC
From: Charlie , W5COV
Topic: 1003 Message: 1058

I am on 20 right now since the Hawaii contest just started . Hearing a few , but pretty light copy here in the Midwest . May have to wait a couple more hours . Naturally too a lot of the big guns on the main land want to get their contacts as soon as possible .

Charlie , W5COV

On 8/23/2013 10:09 PM, Keith Heimbold wrote:
> Sounds good to me. Band conditions are not great but enjoy the
> challenge. I use a Yagi for 40,20,17 but I am guessing 20 or 17 might
> be better options.
>
> Keith
> AK6ZZ
>
> Sent from my iPhone please excuse typos
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> On Aug 23, 2013, at 8:05 PM, "Charlie , W5COV" <cvest@...
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>> Charlie , W5COV
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>>
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>>> 73 /paul W3FIS

>>>
>>
>

1059. Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 05:22:48 UTC
From: Merrill Smith
Topic: 1003 Message: 1059

I'm located in N.W. Georgia. I have used my X1M to check into the Night Owl net a couple of times. They usually have QRP check in at 6:00 pm and again at 7:00 pm. This is a good way to check to see where your signal can be heard.

From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, August 23, 2013 7:13 PM
Subject: Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

Yep, let us know what freqs you are on and I'll
give a listen here too and QSO should I hear you.

Dale W4OP
----- Original Message -----
>From: Charlie , W5COV
>To: X1M_QRP-Transceiver@yahoogroups.com
>Cc: W3FIS
>Sent: Friday, August 23, 2013 6:43 PM
>Subject: Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB
>
>
>Wonder where everyone is located , so maybe we can have more X1M to X1M contacts . The bands here all of them were terrible in the early morning hours . Likely the result of all of the solar activity this week.
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>I am
located in Northeast Oklahoma . I am only 1/2 mile south of the Kansas /
Oklahoma state line . I can literally see structures over in Kansas from my
backyard .
>
>I live in what is often called the 4 state area also since
Kansas , Oklahoma , Arkansas , and Missouri come very close to all joining
into a true 4 state corner . I am only about 60 miles west of Joplin ,
Missouri .
>
>Charlie , W5COV
>
>
>
>On 8/23/2013 4:58 PM, W3FIS wrote:
>
>
>>Once you get it aligned -- mainly the IF adjustment, it is fine, both USB and LSB, even on AM MW broadcast band!
>>

>>The speaker is marginal, but
we know that. I have an amplified computer speaker which works
well.
>>
>>73 /paul
W3FIS
>>
>>
>No virus found in this message.
>Checked by AVG - http://www.avg.com/
>Version: 2013.0.3392 / Virus
Database: 3211/6603 - Release Date: 08/23/13

1060. HAWAII CONTEST

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 09:38:47 UTC
From: Charlie , W5COV
Topic: 1060 Message: 1060

Well the bands are poor and lots of QRN here . Haven't heard many stations out of Hawaii , but it only takes one per band per mode right ??? lol

I managed 1 so far on 40 meter SSB (NH6WZ) at about 4 a.m. Central Daylight Time . Now if I can find either a CW one here on 40 or both modes on 80/75 before daylight I'll be one VERY happy camper !!

That means I am probably not going to be on the group very early today . But when I am will start stalking on 20-15-10 .
MAYBE I'll get lucky and get both a new country and a new state .

I have WAS several times over the years and have worked unknown well into the 100's DX stations over the years . I suffered a few year slump in being very active on the air , waiting for the peak of what will probably be my last Sunspot Cycle that I will feel like working . Then that has turned into a real disappointment , so I needed something to stir up my interest in ham radio again .

End of spring or beginning of summer I decided to reset ALL of the logbooks to zero from 160 through 432 MHz. (VHF/UHF weak signal SSB/CW too).

So I want to work all of you guys and your X1M's since nearly every contact that I make is a new something , Grid , County , State , Band , Mode , anything they have a piece of paper for . The X1M became available quite by coincidence , with my learning of it shortly after I had made the decision to reset the logs . So I will try them all first with the X1M and I am a very patient operator to try and get right in the other stations mode of operating and hopefully grab his attention in that brief instant . Now since it is such a challenge especially with the WARC bands and no 6 meters or above on the X1M , I will also use up to 100 watts input from my high power rig if I need to :)

If you can hear em you can work em if they are any kind of operator at all . Heck they don't know you are QRP so I act like I am a "big gun" and call CQ with authority in my voice . lol

BEST DX !!

Charlie , W5COV

1061. Re: Chinese radio manual project

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 12:37:07 UTC
From: Paul W. Ross
Topic: 1056 Message: 1061

Sounds good. We would like to get some "Theory of Operation" material,
and resolved the CW TX/RX issue first.

73 /paul W3FIS

1062. Re: Audio Quality on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 12:39:06 UTC
From: Paul W. Ross
Topic: 1003 Message: 1062

I am in "Slower Lower" Delaware near Fenwick Island, on the coast, just north of Ocean City, MD.

Will keep my ears open. Amazing what a difference an alignment makes!

73 /paul W3FIS

1063. Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 14:27:26 UTC
From: Dale Parfitt
Topic: 1003 Message: 1063

What's the net freq Merrill?

Dale W4OP

----- Original Message -----
From: Merrill Smith
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, August 24, 2013 1:22 AM
Subject: Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

I'm located in N.W. Georgia. I have used my X1M to check into the Night Owl net a couple of times. They usually have QRP check in at 6:00 pm and again at 7:00 pm. This is a good way to check to see where your signal can be heard.

From: Dale Parfitt <parinc1@frontier.com>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, August 23, 2013 7:13 PM
Subject: Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

Yep, let us know what freqs you are on and I'll give a listen here too and QSO should I hear you.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: W3FIS
Sent: Friday, August 23, 2013 6:43 PM
Subject: Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

Wonder where everyone is located , so maybe we can have more X1M to X1M contacts . The bands here all of them were terrible in the early morning hours . Likely the result of all of the solar activity this week.

I am located in Northeast Oklahoma . I am only 1/2 mile south of the Kansas / Oklahoma state line . I can literally see structures over in Kansas from my backyard .

I live in what is often called the 4 state area also since Kansas , Oklahoma , Arkansas , and Missouri come very close to all joining into a true 4 state corner . I am only about 60 miles west of Joplin , Missouri .

Charlie , W5COV

On 8/23/2013 4:58 PM, W3FIS wrote:

Once you get it aligned -- mainly the IF adjustment, it is fine, both USB and LSB, even on AM MW broadcast band!

The speaker is marginal, but we know that. I have an amplified computer speaker which works well.

73 /paul W3FIS

No virus found in this message.
Checked by AVG - http://www.avg.com/
Version: 2013.0.3392 / Virus Database: 3211/6603 - Release Date: 08/23/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6603 - Release Date: 08/23/13

1064. Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 14:49:08 UTC
From: Merrill Smith
Topic: 1003 Message: 1064

The freq is 7.192 every night at 6:00-8:00 pm EST. At 6:00 and 7:00 sharp they have a QRP only check in. They are very friendly and will relay info if necessary. It is a great way to get reception reports from all over the U.S. They also run The Brothers net and a morning net. Good folks!!! Info is available here on their web site: http://www.nightwatchnet.net/home.php

73 Merrill Smith KE4HSV

_____
From: Dale Parfitt <parinc1@frontier.com>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, August 24, 2013 10:27 AM
Subject: Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

☐
What's the net freq Merrill?

Dale W4OP

----- Original Message -----
>From: Merrill Smith
>To: X1M_QRP-Transceiver@yahoogroups.com
>Sent: Saturday, August 24, 2013 1:22 AM
>Subject: Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB
>
>
>I'm located in N.W. Georgia. I have used my X1M to check into the Night Owl net a couple of times. They usually have QRP check in at 6:00 pm and again at 7:00 pm. This is a good way to check to see where your signal can be heard.
>
>
>
>_____
>From: Dale Parfitt <parinc1@...>
>To: X1M_QRP-Transceiver@yahoogroups.com
>Sent: Friday, August 23, 2013 7:13 PM
>Subject: Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB
>
>
>Yep, let us know what freqs you are on and I'll give a listen here too and QSO should I hear you.
>
>Dale W4OP
>----- Original Message -----
>>From: Charlie , W5COV
>>To: X1M_QRP-Transceiver@yahoogroups.com

>>Cc: W3FIS
>>Sent: Friday, August 23, 2013 6:43 PM
>>Subject: Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB
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>>Wonder where everyone is located , so maybe we can have more X1M to X1M contacts . The bands here all of them were terrible in the early morning hours . Likely the result of all of the solar activity this week.I am located in Northeast Oklahoma . I am only 1/2 mile south of the Kansas / Oklahoma state line . I can literally see structures over in Kansas from my backyard .I live in what is often called the 4 state area also since Kansas , Oklahoma , Arkansas , and Missouri come very close to all joining into a true 4 state corner . I am only about 60 miles west of Joplin , Missouri .Charlie , W5COV
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>Checked by AVG - http://www.avg.com/
>Version: 2013.0.3392 / Virus
Database: 3211/6603 - Release Date: 08/23/13

1065. Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 16:38:09 UTC
From: Charlie , W5COV
Topic: 1003 Message: 1065

Thanks for posting the frequency Merrill . It is good to know nets that have a time for QRP check ins . Most nets will pick up mobiles and QRP stations but with many of them it is an afterthought especially with QRP .

Twenty sounds hot here right now so going to try and knock off a couple of more Hawaii stations in different modes . I have a note somewhere too about an I think maybe Burlington Northern "Caboose" special events station today also.

Since the tuning procedure is pretty well simplified so everyone can tweak their radio , we are going to have to start up an X1M net , then we know the net control will listen for QRP stations :) Maybe just a special time and frequency and we can have a nice roundtable and listen to each others rigs and swap hints and ideas .

I am in a good central location , but I lack a decent antenna system at the present . Almost every contact here is a miracle :) I have a G5RV that isn't quite 30 feet to the center , so I still have some open wire laying on the ground . Don't have any neighborhood kids or anything to get one to toss me a rope or use a slingshot up over one of the trees to get the center up to about 50 or 60 feet . I also have a 5BTV ground mounted . My throwing arm won't make it probably as high as it already is .

I have a 60 foot Rohn tower that folds over at the base , but I have to wait until my sons have enough vacation time to come down and work on it . It has a 2 meter and 432 beam on top but the rotor quit and it is the original support that I had too small of a rope on for too long to pull my dipoles up and down to the 50 foot level that broke.

If I happen to get them to get that done before fall I will be VERY happy !! My dipoles will be up where I want them , a new rotor will get installed , along with an Ameritron remote coax switch , both of which have been laying here for a couple of years . Then I can put up a 222 MHz. antenna to go with the 2 and 432 horizontal antennas for weak signal VHF/UHF work. I have a roll of 1/2 inch heliax to run up the tower to the remote switch .

Running the G5RV on 6 meters right now too . They can say what they want about that antenna , but if it weren't for it , I wouldn't be on the air at all and I make lots of contacts even in it present configuration . Since the season is about on top of us , I like to work 160 and once again I use the G5RV (it is the 102 foot model). I tie the ladder line together and use it as a symmetrical tee . The first night that I tried that , when the antenna was at 50 foot to the center point and the ladder line all vertical , some contest was on that night and I worked 23 states QRP !!!! Thought maybe I was going to get WAS on 160 all in

one night .<grin> So the G5RV is a real workhorse here for me as the antenna of choice right now for 160-6 meters .

Look forward to working some of you this weekend on probably 20 or 40 depending on where you are . Haven't put my "filter box" together yet so I can run on 17 meters . When I started my log count all over again was the first time I had ever spent any real time on 17 meters . My two favorite bands now are 17 and 30 meters !!

Charlie , W5COV

On 8/24/2013 9:49 AM, Merrill Smith wrote:
> The freq is 7.192 every night at 6:00-8:00 pm EST. At 6:00 and 7:00
> sharp they have a QRP only check in. They are very friendly and will
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> net. Good folks!!! Info is available here on their web site:
> http://www.nightwatchnet.net/home.php
> 73 Merrill Smith KE4HSV
> *From:* Dale Parfitt <parinc1@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Saturday, August 24, 2013 10:27 AM
> *Subject:* Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB
> □
> What's the net freq Merrill?
> Dale W4OP
>
> ----- Original Message -----
> *From:* Merrill Smith <mailto:ke4hsv2@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Saturday, August 24, 2013 1:22 AM
> *Subject:* Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB
>
> I'm located in N.W. Georgia. I have used my X1M to check into the
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> at 6:00 pm and again at 7:00 pm. This is a good way to check to
> see where your signal can be heard.
>
> *From:* Dale Parfitt <parinc1@...
> <mailto:parinc1@...>>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Friday, August 23, 2013 7:13 PM
> *Subject:* Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB
> Yep, let us know what freqs you are on and I'll give a listen here
> too and QSO should I hear you.
> Dale W4OP
>
> ----- Original Message -----

> *From:* Charlie , W5COV <mailto:cvest@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Cc:* W3FIS <mailto:deadgoose@...>
> *Sent:* Friday, August 23, 2013 6:43 PM
> *Subject:* Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB
>
> Wonder where everyone is located , so maybe we can have more
> X1M to X1M contacts . The bands here all of them were terrible
> in the early morning hours . Likely the result of all of the
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> No virus found in this message.Checked by AVG -
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> Checked by AVG - http://www.avg.com/
> Version: 2013.0.3392 / Virus Database: 3211/6603 - Release Date:
> 08/23/13
>
>

1066. Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 16:58:04 UTC
From: Dale Parfitt
Topic: 1003 Message: 1066

I have to go out for dinner tonight, but will listen Sunday night Merrill. An XM-1 net is a great idea- then all you guys can hear what the XM-1 sounds like.

It would be great if the XM-1's extruded cabinet could be made available. Then, for fixed station use, fetaures such as 160M filters, extra audio etc could be available. Perhaps even total audio derived/controlled AGC w/o having to dig into the rig.

Fun Stuff,

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, August 24, 2013 12:38 PM
Subject: Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

Thanks for posting the frequency Merrill . It is good to know nets that have a time for QRP check ins . Most nets will pick up mobiles and QRP stations but with many of them it is an afterthought especially with QRP .

Twenty sounds hot here right now so going to try and knock off a couple of more Hawaii stations in different modes . I have a note somewhere too about an I think maybe Burlington Northern "Caboose" special events station today also.

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I am in a good central location , but I lack a decent antenna system at the present . Almost every contact here is a miracle :) I have a G5RV that isn't quite 30 feet to the center , so I still have some open wire laying on the ground . Don't have any neighborhood kids or anything to get one to toss me a rope or use a slingshot up over one of the trees to get the center up to about 50 or 60 feet . I also have a 5BTV ground mounted . My throwing arm won't make it probably as high as it already is .

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Running the G5RV on 6 meters right now too . They can say what they want about that antenna , but if it weren't for it , I wouldn't be on the air at all and I make lots of contacts even in it present configuration . Since the season is about on top of us , I like to work 160 and once again I use the G5RV (it is the 102 foot model). I tie the ladder line together and use it as a symmetrical tee . The first night that I tried that , when the antenna was at 50 foot to the center point and the ladder line all vertical , some contest was on that night and I worked 23 states QRP !!!! Thought maybe I was going to get WAS on 160 all in one night .<grin> So the G5RV is a real workhorse here for me as the antenna of choice right now for 160-6 meters .

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73 Merrill Smith KE4HSV

From: Dale Parfitt <parinc1@frontier.com>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, August 24, 2013 10:27 AM
Subject: Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

☐
What's the net freq Merrill?

Dale W4OP

----- Original Message -----
From: Merrill Smith
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, August 24, 2013 1:22 AM
Subject: Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

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From: Dale Parfitt <parinc1@frontier.com>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, August 23, 2013 7:13 PM
Subject: Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

Yep, let us know what freqs you are on and I'll give a listen here too and QSO should I hear you.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: W3FIS
Sent: Friday, August 23, 2013 6:43 PM
Subject: Re: [X1M_QRP-Transceiver] Re: Audio Quality on SSB

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Version: 2013.0.3392 / Virus Database: 3211/6603 - Release Date: 08/23/13
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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6604 - Release Date: 08/24/13

1067. MORE STATES OHIO QSO PARTY

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 18:18:52 UTC
From: Charlie , W5COV
Topic: 1067 Message: 1067

Just tuning across 20 and ran into the Ohio QSO party so here is another great opportunity to work a lot of stations .

Charlie , W5COV

1068. RE: [X1M_QRP-Transceiver] MORE STATES OHIO QSO PARTY

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 18:26:34 UTC
From: Fred VE3FAL
Topic: 1067 Message: 1068

Just doing some tuning of stations now on the radio, I have everything at 600hz my FT-857 and my X1M.

So I copy a station now on 14.042 zero beat at 600hz, I copy him on 14041.6 on the X1M but have to transmit on 14.042 for him to hear me..

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: August 24, 2013 2:19 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] MORE STATES OHIO QSO PARTY

Just tuning across 20 and ran into the Ohio QSO party so here is another great opportunity to work a lot of stations .

Charlie , W5COV

1069. I think KANSAS QSO PARTY IS ON TOO !!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 18:36:25 UTC
From: Charlie , W5COV
Topic: 1069 Message: 1069

GUYS LOOKS LIKE WE CAN HAVE A BALL TODAY . JUST WORKED 2 OHIO stations !!

Just worked my actual blood cousin K8DV on 14.250 in the Ohio QSO party !!!

Charlie , W5COV

1070. Re: [X1M_QRP-Transceiver] MORE STATES OHIO QSO PARTY

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 18:37:40 UTC
From: Dale Parfitt
Topic: 1067 Message: 1070

Hi Charlie,
Give me a frequency and I'll try to work you.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, August 24, 2013 2:18 PM
Subject: [X1M_QRP-Transceiver] MORE STATES OHIO QSO PARTY

Just tuning across 20 and ran into the Ohio QSO party so here is another
great opportunity to work a lot of stations .

Charlie , W5COV

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6604 - Release Date: 08/24/13

1071. Re: [X1M_QRP-Transceiver] MORE STATES OHIO QSO PARTY

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 18:41:30 UTC
From: Charlie , W5COV
Topic: 1067 Message: 1071

14.305 is clear here Dale , but band has lots of QSB .

Charlie

On 8/24/2013 1:37 PM, Dale Parfitt wrote:
>
> Hi Charlie,
> Give me a frequency and I'll try to work you.
> Dale W4OP
>
> ----- Original Message -----
> *From:* Charlie , W5COV <mailto:cvest@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Saturday, August 24, 2013 2:18 PM
> *Subject:* [X1M_QRP-Transceiver] MORE STATES OHIO QSO PARTY
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> No virus found in this message.
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> Version: 2013.0.3392 / Virus Database: 3211/6604 - Release Date:
> 08/24/13
>
>

1072. Re: Chinese radio manual project

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 19:01:10 UTC
From: W3FIS
Topic: 1056 Message: 1072

They are a pretty high power operation. Would have to jump through more hoops than I want to to participate.

Thanks for the lead.

73 /paul W3FIS

1073. No output on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 19:02:43 UTC
From: mht955
Topic: 1073 Message: 1073

Well something happened to my X1M today. I turned it on and found that I have zero output on all bands with either USB or LSB. It still is putting out full power in CW. Mine is one of the original models, not the new Pro model. It has never had an issue and has been working perfect for almost 5 months. Anyone have any ideas of what might have happened?
Thanks & 73
Mark (KV8T)

1074. Re: Ham Radio Deluxe

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 19:03:27 UTC
From: W3FIS
Topic: 1040 Message: 1074

Does anybody know of a FREE more-or-less comparable program??

Quick Google search didn't turn up anything.

73 /paul W3FIS

1075. Re: [X1M_QRP-Transceiver] MORE STATES OHIO QSO PARTY

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 19:05:27 UTC
From: Dale Parfitt
Topic: 1067 Message: 1075

Just thought I would let the group know that Charlie, W5COV and I hooked up immediately on 20M. I cheated a bit and was running 30-400W from My K3 and SPE Expert 1K-FA amp and Yagi pointed his way. Very nice sounding signal from his XM-1. I measured his occupied BW as being from 80HZ-->2.6KHz. It may be worthwhile to position the carrier a bit higher in the passband - but no complaints here on his SSB as is.

Dale W4OP

1076. Re: [X1M_QRP-Transceiver] MORE STATES OHIO QSO PARTY

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 19:10:57 UTC
From: Keith Heimbold
Topic: 1067 Message: 1076

I can jump on 20m once my XYL gets back from work. I am currently feeding my one year old son his first watermelon. He seems to like it immensely.

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Aug 24, 2013, at 12:06 PM, "Dale Parfitt" <parinc1@frontier.com> wrote:

> Just thought I would let the group know that Charlie, W5COV and I hooked up immediately on 20M. I cheated a bit and was running 30-400W from My K3 and SPE Expert 1K-FA amp and Yagi pointed his way. Very nice sounding signal from his XM-1. I measured his occupied BW as being from 80HZ-->2.6KHz. It may be worthwhile to position the carrier a bit higher in the passband - but no complaints here on his SSB as is.
>
> Dale W4OP
>

1077. RE: [X1M_QRP-Transceiver] Re: Ham Radio Deluxe

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 19:17:38 UTC
From: Lee
Topic: 1040 Message: 1077

On the HRD web site it say anybody can host the older free version 5 on their server, he is not going to any more. Should I upload it to the files section? Its 96 meg.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of W3FIS
Sent: Saturday, August 24, 2013 2:03 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Ham Radio Deluxe

Does anybody know of a FREE more-or-less comparable program??

Quick Google search didn't turn up anything.

73 /paul W3FIS

1078. Re: [X1M_QRP-Transceiver] No output on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 19:26:54 UTC
From: Charlie , W5COV
Topic: 1073 Message: 1078

The microphone connection is prone to stress so I would look at the solder joints and make sure a wire hasn't come off . Paul recommended filling the plug with I believe it was RTV to help relieve the stress. Also some people report the same issue unless the microphone connector is really pushed in hard .

Charlie , W5COV

On 8/24/2013 2:02 PM, mht955 wrote:
>
> Well something happened to my X1M today. I turned it on and found that
> I have zero output on all bands with either USB or LSB. It still is
> putting out full power in CW. Mine is one of the original models, not
> the new Pro model. It has never had an issue and has been working
> perfect for almost 5 months. Anyone have any ideas of what might have
> happened?
> Thanks & 73
> Mark (KV8T)
>
>

1079. Re: [X1M_QRP-Transceiver] MORE STATES OHIO QSO PARTY

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 19:34:41 UTC
From: Charlie , W5COV
Topic: 1067 Message: 1079

It was a real surprise to hear Dale pop up out of the noise here . He did fade just to where I could barely copy him at times , but I never completely lost him with the phones on . I think we had kind of a "magic moment" the X1M Gods were smiling on us today .The band is very erratic with a lot of noise . When the band was up he was quite strong and no signs of overload using the phones and computer headset wired with an external PTT switch in a bottle :)

Charlie , W5COV

On 8/24/2013 2:05 PM, Dale Parfitt wrote:
>
> Just thought I would let the group know that Charlie, W5COV and I
> hooked up immediately on 20M. I cheated a bit and was running 30-400W
> from My K3 and SPE Expert 1K-FA amp and Yagi pointed his way. Very
> nice sounding signal from his XM-1. I measured his occupied BW as
> being from 80HZ-->2.6KHz. It may be worthwhile to position the carrier
> a bit higher in the passband - but no complaints here on his SSB as is.
> Dale W4OP
>

1080. Re: [X1M_QRP-Transceiver] MORE STATES OHIO QSO PARTY

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 19:37:46 UTC
From: Dale Parfitt
Topic: 1067 Message: 1080

I am listening while I work, on 14305. Currently occupied. Beaming west from NC.

Dale W4OP
----- Original Message -----
From: Keith Heimbold
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, August 24, 2013 3:10 PM
Subject: Re: [X1M_QRP-Transceiver] MORE STATES OHIO QSO PARTY

I can jump on 20m once my XYL gets back from work. I am currently feeding my one year old son his first watermelon. He seems to like it immensely.

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Aug 24, 2013, at 12:06 PM, "Dale Parfitt" <parinc1@...> wrote:

Just thought I would let the group know that Charlie, W5COV and I hooked up immediately on 20M. I cheated a bit and was running 30-400W from My K3 and SPE Expert 1K-FA amp and Yagi pointed his way. Very nice sounding signal from his XM-1. I measured his occupied BW as being from 80HZ-->2.6KHz. It may be worthwhile to position the carrier a bit higher in the passband - but no complaints here on his SSB as is.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6604 - Release Date: 08/24/13

1081. Re: No output on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 19:41:57 UTC
From: mht955
Topic: 1073 Message: 1081

Thanks Charlie
It is now working again without my doing anything????? If it happens again, I will check the mic connections.

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> The microphone connection is prone to stress so I would look at the
> solder joints and make sure a wire hasn't come off . Paul recommended
> filling the plug with I believe it was RTV to help relieve the stress.
> Also some people report the same issue unless the microphone connector
> is really pushed in hard .
>
> Charlie , W5COV
>
> On 8/24/2013 2:02 PM, mht955 wrote:
> >
> > Well something happened to my X1M today. I turned it on and found that
> > I have zero output on all bands with either USB or LSB. It still is
> > putting out full power in CW. Mine is one of the original models, not
> > the new Pro model. It has never had an issue and has been working
> > perfect for almost 5 months. Anyone have any ideas of what might have
> > happened?
> > Thanks & 73
> > Mark (KV8T)
> >
> >
>

1082. Re: [X1M_QRP-Transceiver] Re: No output on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-24 19:47:08 UTC
From: Charlie , W5COV
Topic: 1073 Message: 1082

We must all be living right today Mark . I am listening for a special events station now out of NC where Dale is and not hearing a thing .

Charlie , W5COV

On 8/24/2013 2:41 PM, mht955 wrote:
>
> Thanks Charlie
> It is now working again without my doing anything????? If it happens
> again, I will check the mic connections.
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver%40yahoogroups.com>, "Charlie , W5COV"
> <cvest@...> wrote:
> >
> > The microphone connection is prone to stress so I would look at the
> > solder joints and make sure a wire hasn't come off . Paul recommended
> > filling the plug with I believe it was RTV to help relieve the stress.
> > Also some people report the same issue unless the microphone connector
> > is really pushed in hard .
> >
> > Charlie , W5COV
> >
> > On 8/24/2013 2:02 PM, mht955 wrote:
> > >
> > > Well something happened to my X1M today. I turned it on and found
> that
> > > I have zero output on all bands with either USB or LSB. It still is
> > > putting out full power in CW. Mine is one of the original models, not
> > > the new Pro model. It has never had an issue and has been working
> > > perfect for almost 5 months. Anyone have any ideas of what might have
> > > happened?
> > > Thanks & 73
> > > Mark (KV8T)
> > >
> > >
> >
>
>

1083. Re: No output on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-25 00:41:38 UTC
From: Paul W. Ross
Topic: 1073 Message: 1083

Have you tried a general reset?

Is the microphone plugged in all the way, and does the PTT work?

73 /paul W3FIS

1084. Listening 14.305 +/-

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-25 17:31:04 UTC
From: Dale
Topic: 1084 Message: 1084

Any X1M's on today? Beaming west from western NC

Dale W4OP

1085. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-25 18:12:38 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 1085

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Manuals/A Users Guide for the X1M PRO Transceiver v2.0.2.pdf
Uploaded by : deadgoose38 <deadgoose@...>
Description : New alignment procedure using sound card

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/A%20Users%20Guide%20for%20the%20X1M%20PRO%20Transceiver%20v2.0.2.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

deadgoose38 <deadgoose@...>

1087. Re: [X1M_QRP-Transceiver] Re: No output on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-25 18:57:01 UTC
From: Mark Thompson
Topic: 1073 Message: 1087

Wel, it started working okay then started putting out only about 1watt on USB. I can switch between LSB and USB and have 5watts then 1watt. CW is constant at 5.
On Aug 24, 2013 8:41 PM, "Paul W. Ross" <deadgoose@...> wrote:

> **
>
>
> Have you tried a general reset?
>
> Is the microphone plugged in all the way, and does the PTT work?
>
> 73 /paul W3FIS
>
>

1088. Useful spectrum anaysis program

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-25 19:00:55 UTC
From: W3FIS
Topic: 1088 Message: 1088

This is a GOOD program for setting up the X1M. More precise than the waterfall stuff.

http://www.qsl.net/zl1an/Software/Spectrum3.zip

73 /paul W3FIS

1089. Re: [X1M_QRP-Transceiver] Re: No output on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-25 20:51:20 UTC
From: Mark Thompson
Topic: 1073 Message: 1089

Yes I have. It did not make a difference.
Thanks
Mark
On Aug 24, 2013 8:41 PM, "Paul W. Ross" <deadgoose@...> wrote:

> **
>
>
> Have you tried a general reset?
>
> Is the microphone plugged in all the way, and does the PTT work?
>
> 73 /paul W3FIS
>
>

1090. RE: [X1M_QRP-Transceiver] Re: Ham Radio Deluxe

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-25 20:55:04 UTC
From: Lee
Topic: 1040 Message: 1090

The moderator told me yahoo lets groups have 100meg and the program is 95meg. Not enough room.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of W3FIS
Sent: Sunday, August 25, 2013 1:35 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Ham Radio Deluxe

GOOD idea. DO upload it at your convenience.

I just downloaded it from their archives, just to be sure (I didn't) have the most recent version.

I need to check on 817 Commander, as well.

73 /paul W3FIS

1091. tune up antenna with steady tone?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-25 22:17:49 UTC
From: kb3nuf
Topic: 1091 Message: 1091

Doing research and thinking about purchasing one of these neat QRP rigs.

Can you generate a steady CW tone on the X1M to use with a manual antenna tuner without having a key/paddle?

If yes, what is the procedure?

Getting ready to pull the trigger on the purchase and want to also order any other items I need for battery powered QRP OPS.

73 KB3NUF

1092. X1M L-C filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-25 23:16:22 UTC
From: Dale Parfitt
Topic: 1092 Message: 1092

Does anyone know what the 6th front end filter is in the X1M? The schematic shows 5 BP filters for 80/40/20/15/10. The 6th filter is a low pass topology, and I cannot calculate its characteristics w/o knowing the values of C98, C125 and C100.

Thanks,

Dale W4OP

----- Original Message -----
From: X1M_QRP-Transceiver@yahoogroups.com
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, August 25, 2013 2:12 PM
Subject: [X1M_QRP-Transceiver] New file uploaded to X1M_QRP-Transceiver

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Manuals/A Users Guide for the X1M PRO Transceiver v2.0.2.pdf
Uploaded by : deadgoose38 <deadgoose@...>
Description : New alignment procedure using sound card

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Manuals/A%20Users%20Guide%20for%20the%20X1M%20PRO%20Transceiver%20v2.0.2.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

deadgoose38 <deadgoose@comcast.net>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6606 - Release Date: 08/25/13

1093. Re: [X1M_QRP-Transceiver] tune up antenna with steady tone?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-25 23:59:06 UTC
From: Charlie , W5COV
Topic: 1091 Message: 1093

No you can't directly do it from the microphone or front panel that I am aware of. However you could rig something up like I did for my PTT with my computer headset .

I put a momentary normally open push button switch in the end of a small plastic film holder , but like Paul suggested you could also use a small pill bottle . Drill a hole in the bottom to run the cable out and drill a hole in the top for the switch . My cable is long enough that I can hold it in my hand and still type on the computer for logging . I also tied a knot inside of the bottle to keep from getting the cable caught and pulling the wires off of the switch .

Set the keyer setting on the radio to "M" (manual) . Then run your two wires to your key plug that comes with the radio . When you are ready to tune up go to the CW mode , press the switch down and you will have a carrier to tune your manual tuner with as long as it is pressed down.

Just one thought of how to do it .

Charlie , W5COV

On 8/25/2013 5:17 PM, kb3nuf wrote:
>
> Doing research and thinking about purchasing one of these neat QRP rigs.
>
> Can you generate a steady CW tone on the X1M to use with a manual
> antenna tuner without having a key/paddle?
>
> If yes, what is the procedure?
>
> Getting ready to pull the trigger on the purchase and want to also
> order any other items I need for battery powered QRP OPS.
>
> 73 KB3NUF
>
>

1094. Re: [X1M_QRP-Transceiver] tune up antenna with steady tone?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 00:40:10 UTC
From: Ken Downs
Topic: 1091 Message: 1094

Short answer: Yes, sort of.
There is no provision for a "tune" signal. You must switch to cw mode and "key" the rig. If you do not do cw and just want the auto-tuner to do its thing, make sure the X1M keyer function is set to manual (it will read "KYR:M" on the line below the VFO B frequency) and use any sort of momentary-on switch you prefer to send a signal. Do NOT just put a shorting plug in the key jack. Having the rig transmit continuously whenever it is in the cw mode is bad manners and could burn things out.
I received my X1M last Monday and have not yet had it to the field. Be advised that the tech specs say it draws about 500mA on receive, so you will need a decent battery if you plan to operate for long periods. Should be great for QRP SSB.
Have fun with whatever rig you decide on.
72/73,
Ken. W1KRT

On Aug 25, 2013, at 6:17 PM, kb3nuf wrote:

Doing research and thinking about purchasing one of these neat QRP rigs.

Can you generate a steady CW tone on the X1M to use with a manual antenna tuner without having a key/paddle?

If yes, what is the procedure?

Getting ready to pull the trigger on the purchase and want to also order any other items I need for battery powered QRP OPS.

73 KB3NUF

1095. Re: tune up antenna with steady tone?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 00:45:56 UTC
From: W3FIS
Topic: 1091 Message: 1095

I just switch to CW and key up the rig. My auto tuner (LDG Z-100Plus or Z817 does the rest).

73 /paul W3FIS

1096. Re: Ham Radio Deluxe

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 00:47:45 UTC
From: W3FIS
Topic: 1040 Message: 1096

I wonder who could host it for us???

73 /paul W3FIS

1097. RE: [X1M_QRP-Transceiver] Re: Ham Radio Deluxe

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 01:18:27 UTC
From: Lee
Topic: 1040 Message: 1097

I looked in the HRD yahoo group and someone is already hosting the old versions. I put it in our Links area too.

http://www.w4wwj.com/hrdold.html

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of W3FIS
Sent: Sunday, August 25, 2013 7:48 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Ham Radio Deluxe

I wonder who could host it for us???

73 /paul W3FIS

1098. Re: X1M L-C filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 03:05:38 UTC
From: W3FIS
Topic: 1092 Message: 1098

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Does anyone know what the 6th front end filter is in the X1M? The schematic shows 5 BP filters for 80/40/20/15/10. The 6th filter is a low pass topology, and I cannot calculate its characteristics w/o knowing the values of C98, C125 and C100.

Another good question to answer is just WHEN is it switched in???

Would that be a "default" filter to keep higher frequency stuff from radiating?? Maybe cuts off all stuff above 30 MHz? Just my guess. Otherwise, why would it even be there?

73 /paul W3FIS

1099. Re: [X1M_QRP-Transceiver] Re: X1M L-C filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 11:39:17 UTC
From: Ken Downs
Topic: 1092 Message: 1099

Given that the rig receives 100 kHz to 30 MHz, and the five ham bands use band-pass filters in the receiver, I would guess #6 is a LP filter with 30 MHz cut off, switched in whenever you tune outside the five designated ham band ranges. But I could well be wrong.

Ken, W1KRT

On Aug 25, 2013, at 11:05 PM, W3FIS wrote:

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Does anyone know what the 6th front end filter is in the X1M? The schematic shows 5 BP filters for 80/40/20/15/10. The 6th filter is a low pass topology, and I cannot calculate its characteristics w/o knowing the values of C98, C125 and C100.

Another good question to answer is just WHEN is it switched in???

Would that be a "default" filter to keep higher frequency stuff from radiating?? Maybe cuts off all stuff above 30 MHz? Just my guess. Otherwise, why would it even be there?

73 /paul W3FIS

1100. Re: X1M L-C filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 12:07:37 UTC
From: W3FIS
Topic: 1092 Message: 1100

Maybe we could test it, since there is not AGC. When we get close to 30 MHz, we should see the noise drop as the filter starts to cut in, unless it is has a VERY sharp filter cutoff. However, I just tried it, and crept up on 30 MHz, but no difference by my ear. A mystery...

73 /paul W3FIS

1101. Re: [X1M_QRP-Transceiver] Listening 14.305 +/-

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 13:15:35 UTC
From: Merrill Smith
Topic: 1084 Message: 1101

Dale,

I'm in Jasper, GA, about 100 miles from you. Would like to try an X1M to X1M QSO. I will also be at our summer home in Bryson City, NC Saturday. My phone # is (706)889-2265.

Bryan Smith KE4HSV

From: Dale <parinc1@frontier.com>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, August 25, 2013 1:31 PM
Subject: [X1M_QRP-Transceiver] Listening 14.305 +/-

Any X1M's on today? Beaming west from western NC

Dale W4OP

1102. Re: [X1M_QRP-Transceiver] Listening 14.305 +/-

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 13:19:06 UTC
From: Merrill Smith
Topic: 1084 Message: 1102

Dale,
I'm in Jasper, GA, about 100 miles from you. Would like to try an X1M to X1M QSO. I will also be at our summer home in Bryson City, NC Saturday. My phone # is (706)889-2265.
Bryan Smith KE4HSV

From: Dale <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, August 25, 2013 1:31 PM
Subject: [X1M_QRP-Transceiver] Listening 14.305 +/-

Any X1M's on today? Beaming west from western NC

Dale W4OP

1103. Re: [X1M_QRP-Transceiver] Listening 14.305 +/-

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 13:29:47 UTC
From: Dale Parfitt
Topic: 1084 Message: 1103

Hi Bryan,
80M 0r 40M should work nicely. I don't have the rig (yet) , but am very interested in the X1M. Will you be at Shelby this coming weekend?

Dale
----- Original Message -----
From: Merrill Smith
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, August 26, 2013 9:19 AM
Subject: Re: [X1M_QRP-Transceiver] Listening 14.305 +/-

Dale,
I'm in Jasper, GA, about 100 miles from you. Would like to try an X1M to X1M QSO. I will also be at our summer home in Bryson City, NC Saturday. My phone # is (706)889-2265.
Bryan Smith KE4HSV

From: Dale <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, August 25, 2013 1:31 PM
Subject: [X1M_QRP-Transceiver] Listening 14.305 +/-

Any X1M's on today? Beaming west from western NC

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6610 - Release Date: 08/26/13

1104. Re: [X1M_QRP-Transceiver] Re: X1M L-C filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 13:31:58 UTC
From: Dale Parfitt
Topic: 1092 Message: 1104

Hi Ken,
The more I thought about it, I think you are correct- for general coverage, filter 6 is probably switched in. Does anyone have the values of the three shunt caps in filter 6? I can plug it into Genesys and get a plot.

Dale W4OP

----- Original Message -----
From: Ken Downs
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, August 26, 2013 7:39 AM
Subject: Re: [X1M_QRP-Transceiver] Re: X1M L-C filters

Given that the rig receives 100 kHz to 30 MHz, and the five ham bands use band-pass filters in the receiver, I would guess #6 is a LP filter with 30 MHz cut off, switched in whenever you tune outside the five designated ham band ranges. But I could well be wrong.

Ken, W1KRT

On Aug 25, 2013, at 11:05 PM, W3FIS wrote:

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Does anyone know what the 6th front end filter is in the X1M? The schematic shows 5 BP filters for 80/40/20/15/10. The 6th filter is a low pass topology, and I cannot calculate its characteristics w/o knowing the values of C98, C125 and C100.

Another good question to answer is just WHEN is it switched in???

Would that be a "default" filter to keep higher frequency stuff from radiating?? Maybe cuts off all stuff above 30 MHz? Just my guess. Otherwise, why would it even be there?

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6607 - Release Date: 08/25/13

1105. Sunday on 14.305

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 15:37:26 UTC
From: Bill Smith
Topic: 1105 Message: 1105

Hi Everyone,
Just got my rig the other day and set it up Saturday am. I was listening on 14.305 Sunday and didn't hear anyone just a tone. So I tuned up to 14.310 and later on 15m, and the Hawaiian Is QSO party was still in full swing. Heard lots of folks calling in from CO AK TN KY. Easily 57 to 59 on most. Couldn't hear anyone that called from my own state-CA undoubtedly a propagation issue. Unfortunately no one responded when I tried to answer the CQs. Not enough power to break into the pileup I guess. However, back to my beginning thought, I think the idea of setting up an X1M net would be a great idea. That way everyone could expect a time and freq to try to make contact with other users to shake out the tx and rx bugs and settings.

Thanks to all that have shared their knowledge so far on these interesting little rigs.

Bill Smith
KK6WLS

1106. Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 15:42:33 UTC
From: wstearns@rocketmail.com
Topic: 998 Message: 1106

I went through all bands, and the tone is offset on every filtered band (80-40-20-15-10). I didn't not test the other bands, but I would assume the offset is broken throughout. Do we have any update on this issue? Or should we start shipping these things back?

Bill, NE4RD

--- In X1M_QRP-Transceiver@yahoogroups.com, William Stearns <wstearns@...> wrote:
>
> My bad, just confirmed it's transmitting up the the tone value. Â So, if you are set at 14.042.0 (700), your tansmission is going out zero beating to 14.042.7
>
> That's what I get for testing stuff late at night. Â So, we need a patch or something to make this thing useful for CW.
>
> Bill, NE4RD
>
>
> _____
> From: Fred VE3FAL <flesnick@...>
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Friday, August 23, 2013 4:40 PM
> Subject: RE: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?
>
>
>
> Â
> So has the alignments changed the cw offset so that it is right on with another rig as stated in my last findings?
> I am also interested to see a list of the offsets and how they compare with others.
> Â
> Fred
> VE3FAL
> Â
> Â
> Â
> From:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ken Downs
> Sent: August 23, 2013 12:23 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?
> Â
> Â
> Paul,
> Yes, many thanks to all involved in the User's Guides. All versions of it have helped me a great deal.

> WWV, CHU, and other AM stations work very well for i.f. offset and SSB alignments, I also use a digital communications program waterfall (fldigi is my choice, but any of them will work) to see what's going on. To adjust the LSB and USB BFOs you can also detune, say, an AM broadcast station to get a good strong carrier signal at 1kHz or whatever instead of tuning for best audio sound. (I have a local station on 1010kHz, so I set the X1M to 1009 and adjust the USB BFO for a solid 1000Hz signal on the waterfall, then retune the X1M to 1011kHz to adjust the LSB BFO. Of course you could use WWV, CHU, or some other known-accurate station instead.) I'm still fighting with CW. I am so far unable to get the X1M to transmit on the indicated dial frequency (in a ham band) and then, without making any changes, also receive (with the proper tone frequency) a signal from another radio on that same frequency. It might be me; I think it's a firmware issue. Fred, VE3FAL
> has duplicated the problem and I have not yet heard from him that he has the solution. We'll see.
> Have a great weekend with the family!
> 73
> Ken, W1KRT
> Â
> On Aug 23, 2013, at 10:50 AM, W3FIS wrote:
> Â
> Â
> Thanks for the kind comments about the user's guide! The Version II manual told us where the bodies were hid - function likely supported in the firmware, and the "Chinese English" PRO (III) manual gave us an idea as to what the differences were, and where to find them. The group has been exceptionally helpful in working out the quirks and details.
>
> However, I agree that we are seeing production variations in the filters. Thus, we need to do an alignment. Not a big deal. I have a house full of company this week, so unfortunately can't spend some serious time until next week.
>
> FWIIW, I am going to try using the AM signal from WWV or CHU for testing. First, to get IF offset same... should be able to set for more or less equal signals in USB and LSB. Then, as WWV and CHU send a known tone (440 Hz on WWV, not sure about CHU), set USB/LSB VFOs so that I get the desired signal on Spectran or Argo (poor man's audio frequency meter!). CW -- set CW BFO so I get the same tone as the side tone that I have selected.
>
> What do you think??
>
> 73 /paul W3FIS
> Â
>

1107. Today's celebration

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 16:17:33 UTC
From: K5LAD@...
Topic: 1107 Message: 1107

HAPPY BIRTHDAY Charlie - W5COV

Just keep tearing those pages off the calendar.

Jim - K5LAD

==========
Life is like a football ---
It ain't round ... It'll bounce funny on ya.

http://www.hayseed.net/~jpk5lad/

1108. Re: Today's celebration

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 17:07:56 UTC
From: W3FIS
Topic: 1107 Message: 1108

Happy Birthday from "Slower Lower" Delaware!

73 /paul W3FIS

1109. Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 17:10:58 UTC
From: W3FIS
Topic: 998 Message: 1109

The radio transmits on the dial frequency. The side tone value and CW BFO setting must be the SAME. You need to tune the incoming signal to MATCH the chosen side tone frequency. Do NOT zero beat the signal, or you will be off by (surprise!) the value of the side tone.

I find a spectrum analysis program like this to be very useful.

http://www.qsl.net/zl1an/Software/Spectrum3.zip

See procedure in the User's Guide.

73 /paul W3FIS

1110. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 17:52:31 UTC
From: William Stearns
Topic: 998 Message: 1110

I understand that it transmits on the dial frequency, that seems to be the main issue. When compared to the two other rigs I have on the bench, the RX signal and frequency match. So, you're saying that you can be off frequency enough in the dial to perceive that you're zero-beating a signal in the RX and your TX follows suit? I'll play with it tonight and see if I can get things "aligned" for CW, if you can call it that.

Bill, NE4RD

From: W3FIS <deadgoose@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, August 26, 2013 11:10 AM
Subject: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

The radio transmits on the dial frequency. The side tone value and CW BFO setting must be the SAME. You need to tune the incoming signal to MATCH the chosen side tone frequency. Do NOT zero beat the signal, or you will be off by (surprise!) the value of the side tone.

I find a spectrum analysis program like this to be very useful.

http://www.qsl.net/zl1an/Software/Spectrum3.zip

See procedure in the User's Guide.

73 /paul W3FIS

1111. Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 18:55:13 UTC
From: W3FIS
Topic: 998 Message: 1111

When you tune (after CW alignment), TUNE FOR THE TONE EQUAL TO THE SIDE TONE THAT YOU HAVE SET UP. Very useful, if you have a "tin ear" like mine to use some sort of spectrum analysis, so that tone of desired station falls on the side tone that you have selected and aligned for.

73 /paul W3FIS

1112. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 19:05:28 UTC
From: Ken Downs
Topic: 998 Message: 1112

Paul,
I do't know to whom your comment was directed. I just (again) confirmed my findings.
I set two radios (my X1M Pro and my K3) to the same freq - this time 28.027 - in cw mode, with the same cw pitch (600 Hz) selected for a beat note. Then I adjusted the cw BFO on the X1M to put its signal on 28.027, the dial frequency. The K3 responds with a nice signal and the proper beat note (600Hz) I can easily hear. Without changing anything, when I then key the K3, the X1M does not give me a nice audible beat note. The 28.027 MHz signal from the K3 yields an inaudible zero Hertz "beat note" in the X1M. This, obviously, does not make for good copy.
Can you identify a flaw in my logic or technique?
Sincerely,
Ken, W1KRT

On Aug 26, 2013, at 1:10 PM, W3FIS wrote:

The radio transmits on the dial frequency. The side tone value and CW BFO setting must be the SAME. You need to tune the incoming signal to MATCH the chosen side tone frequency. Do NOT zero beat the signal, or you will be off by (surprise!) the value of the side tone.

I find a spectrum analysis program like this to be very useful.

http://www.qsl.net/zl1an/Software/Spectrum3.zip

See procedure in the User's Guide.

73 /paul W3FIS

1113. Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 20:39:43 UTC
From: W3FIS
Topic: 998 Message: 1113

--- In X1M_QRP-Transceiver@yahoogroups.com, Ken Downs <krtdowns@...> wrote:
>
> Paul,
> I do't know to whom your comment was directed. I just (again) confirmed my findings.
> I set two radios (my X1M Pro and my K3) to the same freq - this time 28.027 - in cw mode, with the same cw pitch (600 Hz) selected for a beat note. Then I adjusted the cw BFO on the X1M to put its signal on 28.027, the dial frequency.

You set the CW BFO such that with a carrier -- use WWV, CHU, or an AM broadcast station the tone is exactly the SAME as the side tone pitch you have selected.

When you then tune the X1M, you tune for the CW signal to have the SAME pitch as the side tone frequency that you have selected.

73 /paul W3FIS

1114. Re: Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 20:41:17 UTC
From: W3FIS
Topic: 617 Message: 1114

The knobs I ordered from Amazon (sent from Hong Kong) arrived today. The black ones are almost a perfect match. Replace the irritating red knob. Esthetics wins...

73 /paul W3FIS

1115. RE: X1M L-C filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 21:17:04 UTC
From: <orders@...>
Topic: 1092 Message: 1115

I was just working on figure this out last week. According to the schematics for ver II that is seems to be exactly what happens on the LP Filter. There are 5 LP filters. The 5th one is switched in for 10m s and another of the other 'not extra filtered' bands. That is why the relays don't click on 10ms -- is the LP filter that is inline by default so no extra relay to flip in.

As for the cap values they are in the schematics and in fact I have spice files for the filters that someone created for me off the schametics and the associated plots. I can upload those to the group if people are interested in having those.

Also of interesting note -- my buddy who is helping wiht this all noted that the schematics appear to indicate that the relay states go directly to the pins on the DB9. So THEORETICALLY -- it might be possible to engage or unegage/switch the filters outside of the microprocessort logic. He thinks they are there for an antenna selector switch to read hte values but not change them. But the idea of being able to look at ht filters and determine the 15 m would remove the 9 MHz spur and be good enough just by using a dongle on the DB9 an a selector switch might be a pretty awesome way of getting 12/17 m LP filtering in line.

Also looking at the schematics it looks like there are 6 bandpass filters. 1 for each of hte support band and then a general one that is the default. I don't think it is switched in line persay with relays but there is some sort of diode selector I'm working on understanding. The schematics of that section are less than stellar. So even if we could trick the x1m to engaging suitable LP filters for TX, RX would still likely suffer.

--- In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

Hi Ken,

The more I thought about it, I think you are correct- for general coverage, filter 6 is probably switched in. Does anyone have the values of the three shunt caps in filter 6? I can plug it into Genesys and get a plot.

Dale W4OP

----- Original Message -----

From: Ken Downs

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, August 26, 2013 7:39 AM

Subject: Re: [X1M_QRP-Transceiver] Re: X1M L-C filters

Given that the rig receives 100 kHz to 30 MHz, and the five ham bands use band-pass filters in the receiver, I would guess #6 is a LP filter with 30 MHz cut off, switched in whenever you tune outside the five designated ham band ranges. But I could well be wrong.

Ken, W1KRT

On Aug 25, 2013, at 11:05 PM, W3FIS wrote:

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Does anyone know what the 6th front end filter is in the X1M? The schematic shows 5 BP filters for 80/40/20/15/10. The 6th filter is a low pass topology, and I cannot calculate its characteristics w/o knowing the values of C98, C125 and C100.

Another good question to answer is just WHEN is it switched in???

Would that be a "default" filter to keep higher frequency stuff from radiating?? Maybe cuts off all stuff above 30 MHz? Just my guess. Otherwise, why would it even be there?

73 /paul W3FIS

No virus found in this message.
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Version: 2013.0.3392 / Virus Database: 3211/6607 - Release Date: 08/25/13

1116. RE: Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 21:21:20 UTC
From: <orders@...>
Topic: 617 Message: 1116

Awesome Paul!

I'm waiting for this knob to arrive to replace the tunning knob with something a bit more comfortable. It appears to be the same style and when I measured my ver II I think I had about a 0.5" radius from the center of the rotary encoder. So the 0.995 inches will hopefully fit nice and snug in there and give my fingers some breathing room.

http://www.amazon.com/gp/product/B00AO3RI6W/ref=oh_details_o01_s00_i00?ie=UTF8&psc=1

That also allows me to 'reuse' my tunning knob onto the red power knob. BONUS!

-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, <deadgoose@...> wrote:

The knobs I ordered from Amazon (sent from Hong Kong) arrived today. The black ones are almost a perfect match. Replace the irritating red knob. Esthetics wins...

73 /paul W3FIS

1117. RE: No output on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 21:42:19 UTC
From: <orders@...>
Topic: 1073 Message: 1117

Did you ever get any more insight into this Mark? I have one of the original models too and I'm working on benchmarking it myself so I'm particularly curious about other folks benchmarking processes are. So far I've plugged in an inexpensive chinese freq counter/watt meter and with a full cw signal it reads the 5w. On USB it basically read nothing using my voice. I emailed Ed and he explained the mic gain control on the inside of the radio which I increased it by 1/4 turn and tried again. Ed also sent me a phone number to a constant tone he used to test the output. Using that tone, with the mic gain up, using Ed's tone -- I could get it to register 2 ws ish I think.

I picked up an analog SWR meter this weekend at a local hamfest and now on 10 m USB using Ed's tone I can get 5-6w. Talking into the mic I'm still only getting 0.5 or so max. So more benchmarkin and playing to see if it should go back or if it is a matter of tweaking everything.

Anyway -- I'm curious if you ever figured more out and/or how you are testing it? I'm learning on the fly so while I am having a ball I certainly don't ACTUALLY know what I am doing persay.

-Chris
KC8MUS

--- In X1M_QRP-Transceiver@yahoogroups.com, <mhtent@...> wrote:

Yes I have. It did not make a difference.
Thanks
Mark

On Aug 24, 2013 8:41 PM, "Paul W. Ross" <deadgoose@...> wrote:

Have you tried a general reset?

Is the microphone plugged in all the way, and does the PTT work?

73 /paul W3FIS

1118. RE: X1M L-C filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 21:50:08 UTC
From: <orders@...>
Topic: 1092 Message: 1118

The new interface for Yahoo groups isn't working for me. I tried to upload the spice files and the pdf plots of what I've got from my buddy but it isn't letting me. I'll give it another go later tonight and maybe include the normalized plots I had made.

--- In X1M_QRP-Transceiver@yahoogroups.com, <orders@...> wrote:

I was just working on figure this out last week. According to the schematics for ver II that is seems to be exactly what happens on the LP Filter. There are 5 LP filters. The 5th one is switched in for 10m s and another of the other 'not extra filtered' bands. That is why the relays don't click on 10ms -- is the LP filter that is inline by default so no extra relay to flip in.

As for the cap values they are in the schematics and in fact I have spice files for the filters that someone created for me off the schametics and the associated plots. I can upload those to the group if people are interested in having those.

Also of interesting note -- my buddy who is helping wiht this all noted that the schematics appear to indicate that the relay states go directly to the pins on the DB9. So THEORETICALLY -- it might be possible to engage or unegage/switch the filters outside of the microprocessort logic. He thinks they are there for an antenna selector switch to read hte values but not change them. But the idea of being able to look at ht filters and determine the 15 m would remove the 9 MHz spur and be good enough just by using a dongle on the DB9 an a selector switch might be a pretty awesome way of getting 12/17 m LP filtering in line.

Also looking at the schematics it looks like there are 6 bandpass filters. 1 for each of hte support band and then a general one that is the default. I don't think it is switched in line persay with relays but there is some sort of diode selector I'm working on understanding. The schematics of that section are less than stellar. So even if we could trick the x1m to engaging suitable LP filters for TX, RX would still likely suffer.

--- In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

Hi Ken,

The more I thought about it, I think you are correct- for general coverage, filter 6 is probably switched in. Does anyone have the values of the three shunt caps in filter 6? I can plug it into Genesys and get a plot.

Dale W4OP

----- Original Message -----

From: Ken Downs

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, August 26, 2013 7:39 AM

Subject: Re: [X1M_QRP-Transceiver] Re: X1M L-C filters

Given that the rig receives 100 kHz to 30 MHz, and the five ham bands use band-pass filters in the receiver, I would guess #6 is a LP filter with 30 MHz cut off, switched in whenever you tune outside the five designated ham band ranges. But I could well be wrong.

Ken, W1KRT

On Aug 25, 2013, at 11:05 PM, W3FIS wrote:

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Does anyone know what the 6th front end filter is in the X1M? The schematic shows 5 BP filters for 80/40/20/15/10. The 6th filter is a low pass topology, and I cannot calculate its characteristics w/o knowing the values of C98, C125 and C100.

Another good question to answer is just WHEN is it switched in???

Would that be a "default" filter to keep higher frequency stuff from radiating?? Maybe cuts off all stuff above 30 MHz? Just my guess. Otherwise, why would it even be there?

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2013.0.3392 / Virus Database: 3211/6607 - Release Date: 08/25/13

1119. Re: Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 22:02:26 UTC
From: W3FIS
Topic: 617 Message: 1119

THAT is a nice knob! I had to take about 1/16" off the bottom of the one I put on the frequency knob, or it would bottom out, not allowing me to select menus.

Anyways, with the new knobs, things look MUCH better. Quite beyond me why they used that red knob..

73 /paul W3FIS

1120. Re: X1M L-C filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 21:59:43 UTC
From: W3FIS
Topic: 1092 Message: 1120

Try "printing" them as PDF files -- image mode. I have uploaded PDF files regularly with the User's Guide.

Can you elaborate on just what your problem is??

73 /paul W3FIS

1121. Re: [X1M_QRP-Transceiver] RE: No output on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 22:03:04 UTC
From: Dale Parfitt
Topic: 1073 Message: 1121

Chris,
In order to get somewhere close to a true Po on SSB you will need to have a wattmeter that measures PEP. You can modify an existing meter by simply adding an integrator.

Dale W4OP
----- Original Message -----
From: orders@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, August 26, 2013 5:42 PM
Subject: [X1M_QRP-Transceiver] RE: No output on SSB

Did you ever get any more insight into this Mark? I have one of the original models too and I'm working on benchmarking it myself so I'm particularly curious about other folks benchmarking processes are. So far I've plugged in an inexpensive chinese freq counter/watt meter and with a full cw signal it reads the 5w. On USB it basically read nothing using my voice. I emailed Ed and he explained the mic gain control on the inside of the radio which I increased it by 1/4 turn and tried again. Ed also sent me a phone number to a constant tone he used to test the output. Using that tone, with the mic gain up, using Ed's tone -- I could get it to register 2 ws ish I think.

I picked up an analog SWR meter this weekend at a local hamfest and now on 10 m USB using Ed's tone I can get 5-6w. Talking into the mic I'm still only getting 0.5 or so max. So more benchmarkin and playing to s ee if it should go back or if it is a matter of tweaking everything.

Anyway -- I'm curious if you ever figured more out and/or how you are testing it? I'm learning on the fly so while I am having a ball I certainly don't ACTUALLY know what I am doing persay.

-Chris

KC8MUS

--- In X1M_QRP-Transceiver@yahoogroups.com, <mhtent@...> wrote:

Yes I have. It did not make a difference.
Thanks
Mark

On Aug 24, 2013 8:41 PM, "Paul W. Ross" <deadgoose@...> wrote:

Have you tried a general reset?

Is the microphone plugged in all the way, and does the PTT work?

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6610 - Release Date: 08/26/13

1122. RE: No output on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 22:10:06 UTC
From: <orders@...>
Topic: 1073 Message: 1122

Thanks Dale! I'm working on getting a time to go to another hams lab and get this thing on some serious test equipment. I'll have to check that out.

The SWR meter I can flip it to forward power and then using a steady loud tone I was projecting it would be a crude approximation. So when I saw 5-6 w using that method I totally chaulked it up to working! Glad to know the right way to do it! I'll look into that since I have no idea what one of those us.

-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Chris,

In order to get somewhere close to a true Po on SSB you will need to have a wattmeter that measures PEP. You can modify an existing meter by simply adding an integrator.

Dale W4OP

----- Original Message -----

From: orders@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, August 26, 2013 5:42 PM

Subject: [X1M_QRP-Transceiver] RE: No output on SSB

Did you ever get any more insight into this Mark? I have one of the original models too and I'm working on benchmarking it myself so I'm particularly curious about other folks benchmarking processes are. So far I've plugged in an inexpensive chinese freq counter/watt meter and with a full cw signal it reads the 5w. On USB it basically read nothing using my voice. I emailed Ed and he explained the mic gain control on the inside of the radio which I increased it by 1/4 turn and tried again. Ed also sent me a phone number to a constant tone he used to test the output. Using that tone, with the mic gain up, using Ed's tone -- I could get it to register 2 ws ish I think.

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Version: 2013.0.3392 / Virus Database: 3211/6610 - Release Date: 08/26/13

1123. RE: X1M L-C filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 22:14:44 UTC
From: <orders@...>
Topic: 1092 Message: 1123

Oh my problem is that the website isn't responding. When I get to the files section I click on the any of hte links and sometimes the next window opens, sometimes not. Finally I got into the schematics 'folder' and when I click on the Upload button nothing happens. The website acts like I clicked nothing.

But the links on the groups page are being non-responsive as well like just clicking on the 'Files' section sometimes response and sometimes not. It feels like either my browser settings doesn't like the new interface or more likely Yahoo's servers are slow and just not responding snappily.

--- In X1M_QRP-Transceiver@yahoogroups.com, <deadgoose@...> wrote:

Try "printing" them as PDF files -- image mode. I have uploaded PDF files regularly with the User's Guide.

Can you elaborate on just what your problem is??

73 /paul W3FIS

1124. RE: X1M L-C filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 22:15:09 UTC
From: <orders@...>
Topic: 1092 Message: 1124

Oh and the files are .pdfs and .sp files already wrapped up in a zip file.

--- In X1M_QRP-Transceiver@yahoogroups.com, <deadgoose@...> wrote:

Try "printing" them as PDF files -- image mode. I have uploaded PDF files regularly with the User's Guide.

Can you elaborate on just what your problem is??

73 /paul W3FIS

1125. Re: [X1M_QRP-Transceiver] RE: No output on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 22:15:52 UTC
From: Mark Thompson
Topic: 1073 Message: 1125

Chris
I wonder if you might want to share the phone number that Ed shared with you. I am basing my observation on the past 4 months of usage. I usually see about 4 watts on voice peaks on 15 and 20 meters, 5 watts on 40 and 17 meters.using the watt meter on my AEA antenna tuner. Only about 2 watts on 10m but it has been that way since I got it. I have checked the meter against my other MFJ tuner and find the same result. I emailed Ed over the weekend and am waiting for a reply.
Tnx & 73
Mark (KV8T)
On Aug 26, 2013 5:42 PM, <orders@...> wrote:

> **
>
>
> Did you ever get any more insight into this Mark? I have one of the
> original models too and I'm working on benchmarking it myself so I'm
> particularly curious about other folks benchmarking processes are. So far
> I've plugged in an inexpensive chinese freq counter/watt meter and with a
> full cw signal it reads the 5w. On USB it basically read nothing using my
> voice. I emailed Ed and he explained the mic gain control on the inside of
> the radio which I increased it by 1/4 turn and tried again. Ed also sent
> me a phone number to a constant tone he used to test the output. Using that
> tone, with the mic gain up, using Ed's tone -- I could get it to register 2
> ws ish I think.
>
>
>
> I picked up an analog SWR meter this weekend at a local hamfest and now on
> 10 m USB using Ed's tone I can get 5-6w. Talking into the mic I'm still
> only getting 0.5 or so max. So more benchmarkin and playing to see if it
> should go back or if it is a matter of tweaking everything.
>
>
>
> Anyway -- I'm curious if you ever figured more out and/or how you are
> testing it? I'm learning on the fly so while I am having a ball I certainly
> don't ACTUALLY know what I am doing persay.
>
>
>
> -Chris
>
> KC8MUS
>

>
> --- In X1M_QRP-Transceiver@yahoogroups.com, <mhtent@...> wrote:
>
> Yes I have. It did not make a difference.
> Thanks
> Mark
> On Aug 24, 2013 8:41 PM, "Paul W. Ross" <deadgoose@...> wrote:
>
> **
>
>
> Have you tried a general reset?
>
> Is the microphone plugged in all the way, and does the PTT work?
>
> 73 /paul W3FIS
>
>
>

1126. RE: No output on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 22:23:48 UTC
From: <orders@...>
Topic: 1073 Message: 1126

Yeah let me dig that up out the email that I've VERY bad at organizing....

Here is it: 704-982-2818

Ed said he checks any replacemnt radio that goes out the door (but can't swear to it) and his testing method is dialing that number up and holding it to mic. So now I see where I got the idea this was a good stand in! He also mentioned the mic connector soldering joints and adjusting the mic gain trimmer:

"It is beside the adjustment for the side tone. (grab the new manual off my site) A 1/4 turn clockwise
should boost the mic gain and show output with SSB."

I found on my vII of the radio that hte trimmers were not in the exact spot his photo showed so I guessed and turned one. I haven't gone back in to see if I turn it down does my crude measurement stay or reduce as expected. Also means I might have adjusted the side tone or something else. Opps. My wasn't directly left it was an inch up or down left. I rememer it being more of an upper case to the left sort of placement than the direct left. Or was it right. I picked the side the manual didn't show it on.

I can check when I get home if you care but there is his number and his general repsonse to me.

--- In X1M_QRP-Transceiver@yahoogroups.com, <mhtent@...> wrote:

Chris
I wonder if you might want to share the phone number that Ed shared with you. I am basing my observation on the past 4 months of usage. I usually see about 4 watts on voice peaks on 15 and 20 meters, 5 watts on 40 and 17 meters.using the watt meter on my AEA antenna tuner. Only about 2 watts on 10m but it has been that way since I got it. I have checked the meter against my other MFJ tuner and find the same result. I emailed Ed over the weekend and am waiting for a reply.
Tnx & 73
Mark (KV8T)

On Aug 26, 2013 5:42 PM, <orders@...> wrote:

Did you ever get any more insight into this Mark? I have one of the original models too and I'm working on benchmarking it myself so I'm particularly curious about other folks benchmarking processes are. So far I've plugged in an inexpensive chinese freq counter/watt meter and with a full cw signal it reads the 5w. On USB it basically read nothing using my voice. I emailed Ed and he explained the mic gain control on the inside of the radio which I increased it by 1/4 turn and tried again. Ed also sent me a phone number to a constant tone he used to test the output. Using that tone, with the mic gain up, using Ed's tone -- I could get it to register 2 ws ish I think.

I picked up an analog SWR meter this weekend at a local hamfest and now on 10 m USB using Ed's tone I can get 5-6w. Talking into the mic I'm still only getting 0.5 or so max. So more benchmarkin and playing to see if it should go back or if it is a matter of tweaking everything.

Anyway -- I'm curious if you ever figured more out and/or how you are testing it? I'm learning on the fly so while I am having a ball I certainly don't ACTUALLY know what I am doing persay.

-Chris
KC 8MUS

--- In X1M_QRP-Transceiver@yahoogroups.com, <mhtent@...> wrote:

Yes I have. It did not make a difference.
Thanks
Mark

On Aug 24, 2013 8:41 PM, "Paul W. Ross" <deadgoose@...> wrote:

Have you tried a general reset?

Is the microphone plugged in all the way, and does the PTT work?

73 /paul W3FIS

1127. RE: No output on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 22:26:21 UTC
From: <orders@...>
Topic: 1073 Message: 1127

I haven't tested past 10m just yet due to to time using this method so I don't have anything to for you to compare it too besides that one. I'm planning on running all bands of testing then we might have something meaning to compare to each other :) Also my budget meter I grabbed over the weekend is one of the Aries CB meters so I know it is 'ok' at 10m but no idea how it callibrates out on the other bands.

-Chris
KC8MUS

--- In X1M_QRP-Transceiver@yahoogroups.com, <mhtent@...> wrote:

Chris
I wonder if you might want to share the phone number that Ed shared with you. I am basing my observation on the past 4 months of usage. I usually see about 4 watts on voice peaks on 15 and 20 meters, 5 watts on 40 and 17 meters.using the watt meter on my AEA antenna tuner. Only about 2 watts on 10m but it has been that way since I got it. I have checked the meter against my other MFJ tuner and find the same result. I emailed Ed over the weekend and am waiting for a reply.
Tnx & 73
Mark (KV8T)

On Aug 26, 2013 5:42 PM, <orders@...> wrote:

Did you ever get any more insight into this Mark? I have one of the original models too and I'm working on benchmarking it myself so I'm particularly curious about other folks benchmarking processes are. So far I've plugged in an inexpensive chinese freq counter/watt meter and with a full cw signal it reads the 5w. On USB it basically read nothing using my voice. I emailed Ed and he explained the mic gain control on the inside of the radio which I increased it by 1/4 turn and tried again. Ed also sent me a phone number to a constant tone he used to test the output. Using that tone, with the mic gain up, using Ed's tone -- I could get it to register 2 ws ish I think.

I picked up an analog SWR meter this weekend at a local hamfest and now on 10 m USB using Ed's tone I can get 5-6w. Talking into the mic I'm still only getting 0.5 or so max. So more benchmarkin and playing to see if it should go back or if it is a matter of tweaking everything.

Anyway -- I'm curious if you ever figured more out and/or how you are testing it? I'm learning on the fly so while I am having a ball I certainly don't ACTUALLY know what I am doing persay.

-Chris
KC 8MUS

--- In X1M_QRP-Transceiver@yahoogroups.com, <mhtent@...> wrote:

Yes I have. It did not make a difference.
Thanks
Mark

On Aug 24, 2013 8:41 PM, "Paul W. Ross" <deadgoose@...> wrote:

Have you tried a general reset?

Is the microphone plugged in all the way, and does the PTT work?

73 /paul W3FIS

1128. RE: X1M L-C filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 22:35:39 UTC
From: <orders@...>
Topic: 1092 Message: 1128

Alright they are uploaded. In the zip file is the .sp files and the .pdf plots of the .sp files. The plots are hard to read as the horizontal axis are different scales and are really wide. When I replotted them I made them linear, started the scale at 3 Mhz and plotted to 45 or 50 MHz to see the curve down to -30 db on the 10m filter.

I haven't gone through the exact hoops to get it from ngspice and into a pdf to upload my changes in the plots. Not hard just hadn't taken the time to change them from .ps files to .pdf files. I can get to that sometime this week if folks are interested in seeing them. Probably tonight but I don't want to over promise myself :)

-Chris

ps - I didn't create the spice files so I assume bs1 directly corelates to the bs1 on the schematic especially since my buddy who created them does dsp work for the navy I expect professional habits to kick in. But if something doesn't match -- you might be right. And also thanks to my buddy Mark for putting this together for me as I learn how to model circuits to look into them myself. We haven't done the bandpass ones yet but I'm curious to see what those look like one paper as well.

--- In X1M_QRP-Transceiver@yahoogroups.com, <orders@...> wrote:

Oh and the files are .pdfs and .sp files already wrapped up in a zip file.

--- In X1M_QRP-Transceiver@yahoogroups.com, <deadgoose@...> wrote:

Try "printing" them as PDF files -- image mode. I have uploaded PDF files regularly with the User's Guide.

Can you elaborate on just what your problem is??

73 /paul W3FIS

1129. RE: Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 22:39:08 UTC
From: <orders@...>
Topic: 617 Message: 1129

Paul how deep are your final knobs? Or do you have a link to the ones on ebay you got? Of course I'm hoping mine is just dandy but good to know I might have to do a bit of shaving......dremel GO!

-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, <deadgoose@...> wrote:

THAT is a nice knob! I had to take about 1/16" off the bottom of the one I put on the frequency knob, or it would bottom out, not allowing me to select menus.

Anyways, with the new knobs, things look MUCH better. Quite beyond me why they used that red knob..

73 /paul W3FIS

1130. Re: No output on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 22:54:18 UTC
From: kd4hjt@ymail.com
Topic: 1073 Message: 1130

I used an app for android tablet called Audio Tool. Set it to white noise and held the keyed mike up to the tablet. Mine peaked at 4.75 SSB on 40 meters while adjusting the pot.

Ray

1131. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 23:47:19 UTC
From: Dale Parfitt
Topic: 998 Message: 1131

Hi Paul et al,
I don't see how changing the CW BFO frequency can accomplish the proper RX/TX split- it moves both RX and TX frequencies and only changes the postion of the signal within the filter passband. The issue I see is that the CW Tone should change ONLY the TX frequency. This is standard amongst rigs today. But CW Tone is changing both TX and RX frequencies. I ran a number of tests using an Adret synthesized generator as a frequency source and an Agilent frequency counter- both saved to a Rubidium standard. No matter the CW Tone or the BFO offset, TX and RX frequency remained within 20Hz of one another.
I have only had the rig for 8 hours and am still learning its menues so:
YMMV,

Dale W4OP

----- Original Message -----
From: W3FIS
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, August 26, 2013 2:55 PM
Subject: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

When you tune (after CW alignment), TUNE FOR THE TONE EQUAL TO THE SIDE TONE THAT YOU HAVE SET UP. Very useful, if you have a "tin ear" like mine to use some sort of spectrum analysis, so that tone of desired station falls on the side tone that you have selected and aligned for.

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6611 - Release Date: 08/26/13

1132. Re: No output on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-26 23:55:45 UTC
From: Paul W. Ross
Topic: 1073 Message: 1132

The photos of the new board is in the current User's Guide. The microphone is on the right, side tone on the left, just like the first version of the radio.

/paul W3FIS

1133. RE: [X1M_QRP-Transceiver] Re: Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-27 00:01:20 UTC
From: Lee
Topic: 617 Message: 1133

When I tried an aftermarket knob I wadded up a tiny piece of paper and pushed it in the knob shaft hole to stop the knob from going all the way on and bottoming out..

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of W3FIS
Sent: Monday, August 26, 2013 5:02 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Knobs

THAT is a nice knob! I had to take about 1/16" off the bottom of the one I put on the frequency knob, or it would bottom out, not allowing me to select menus.

Anyways, with the new knobs, things look MUCH better. Quite beyond me why they used that red knob..

73 /paul W3FIS

1134. Re: Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-27 00:11:02 UTC
From: W3FIS
Topic: 617 Message: 1134

--- In X1M_QRP-Transceiver@yahoogroups.com, "Lee" <mr.olson@...> wrote:
>
> When I tried an aftermarket knob I wadded up a tiny piece of paper and
> pushed it in the knob shaft hole to stop the knob from going all the way on
> and bottoming out..

Yes, but not quite as elegant! <grin> I was an Engineer in my previous life. My XYL has me in a 12 step recovery program. It does not work...

I got 10 (!!) pieces of the knob that is pretty much like the frequency change knob, so messing one up is not a big deal...

/paul W3FIS
>

1135. Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-27 00:15:20 UTC
From: W3FIS
Topic: 998 Message: 1135

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Hi Paul et al,
> I don't see how changing the CW BFO frequency can accomplish the proper RX/TX split- it moves both RX and TX frequencies

It changes neither.

and only changes the postion of the signal within the filter passband.

It does that. If you don't have the tone at the same place, you will NOT get transmission at the desired location. ONLY with the tone at a specific location. A convenient location is the side tone frequency.

The issue I see is that the CW Tone should change ONLY the TX frequency.

I am not sure about that.

This is standard amongst rigs today. But CW Tone is changing both TX and RX frequencies. I ran a number of tests using an Adret synthesized generator as a frequency source and an Agilent frequency counter- both saved to a Rubidium standard. No matter the CW Tone or the BFO offset, TX and RX frequency remained within 20Hz of one another.

As it should. Not bad.

> I have only had the rig for 8 hours and am still learning its menues so:

A little less obscure than some of my Chinese HTs.

/paul W3FIS

1136. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-27 00:33:03 UTC
From: Ken Downs
Topic: 998 Message: 1136

Paul,
We are not communicating. I apologize for my unsuccessful efforts to explain my position. Doing as you suggest also changes the transmit frequency. I do not want to do that. When the TX is set to transmit on the dial frequency, the receiver BEAT FREQUENCY OSCILLATOR should be offset from the TX by the amount of the desired BEAT FREQUENCY. I should not have to change the radio tuning. I can narrow my main station rig to a cw bandwidth of 20 Hz, and when a received cw signal is centered in that passband, I hear a pleasant beat note of my choice. When I transmit, my signal is on the same RF frequency as the signal as the one I received, and which is indicated by the radio's digital readout.
The X1M does not appear to be capable of the BFO offset between receive and transmit; consequently if the TX agrees with the dial, the RX will be "zero beat" - a 0 Hz beat note, which is not passed by the audio stages and would be inaudible if it were. I'm no engineer, but I've been using short wave radio since Ike was in the White House, and based on my experience, the current behavior of the X1M is not standard.
If you are satisfied with how yours works, I'm happy for you. I just think it can be made much better.
72 (you do QRP, right?),
Ken, W1KRT

Re-reading and thinking some more, I guess what you are trying to tell me is that a properly aligned X1M does not transmit CW on the dial frequency. If I have a sked with someone at 7030 KHz and my designated "cw tone" is 600 Hz, I will hear my friend if I tune to 7030.6, and he will hear my transmitted signal on 7030.0. Is that what you are saying? This is what I have been saying all along: the rig does not transmit and receive cw on the same frequency (as indicated by the digital readout). "Round and "round we go....
K

On Aug 26, 2013, at 2:55 PM, W3FIS wrote:

When you tune (after CW alignment), TUNE FOR THE TONE EQUAL TO THE SIDE TONE THAT YOU HAVE SET UP. Very useful, if you have a "tin ear" like mine to use some sort of spectrum analysis, so that tone of desired station falls on the side tone that you have selected and aligned for.

73 /paul W3FIS

1137. Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-27 00:41:48 UTC
From: W3FIS
Topic: 998 Message: 1137

--- In X1M_QRP-Transceiver@yahoogroups.com, Ken Downs <krtdowns@...> wrote:
>
> Paul,
> We are not communicating.

OK, I agree. I am agreed that TX and RX are the same. In a certain sense, CW BFO setting makes no difference. Whatever value floats your boat. I want mine the same as the side tone. Splits are out.

CW BFO does not change TX value. Got it.

A large helping of crow is on the menu for dinner here this evening...

My apologies, please.

73 /paul W3FIS

1138. Re: No output on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-27 01:03:14 UTC
From: mht955
Topic: 1073 Message: 1138

Well, unless I am doing something wrong I can not seem to do a general reset on my unit. I go through the menu to item 12 RstSetting. I select Yes, hit the BL/LK button for a second and hit yes again. It goes back to the frequency I had started with, but when I go back into the menu, some of the items that I have changed the values on remain the same. Am I doing something wrong?
Mark (KV8T)

--- In X1M_QRP-Transceiver@yahoogroups.com, "mht955" <mhtent@...> wrote:
>
> Well something happened to my X1M today. I turned it on and found that I have zero output on all bands with either USB or LSB. It still is putting out full power in CW. Mine is one of the original models, not the new Pro model. It has never had an issue and has been working perfect for almost 5 months. Anyone have any ideas of what might have happened?
> Thanks & 73
> Mark (KV8T)
>

1139. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-27 01:14:44 UTC
From: Ken Downs
Topic: 998 Message: 1139

No apology needed! I like to think I am somewhat fluent in my native language (American English) but I do more often than I care to think about have difficulty getting my point across. Also, the fact that I am stubborn and somewhat pig-headed makes things more challenging...Anyway, glad we got that worked out.
BTW- I am an escapee from the swamps of old New Jersey, and three of my high school buddies went to Univ of Delaware, graduating in 1971. I think my HS class (about 220 kids) got all of U of D's quota of students from NJ in the freshman class starting in 1967. I visited my friends there while on leave before my first tour in Viet Nam (I had picked the wrong college for me)in 1969. Nice campus. Ah, we were all so young...
72,
Ken, W1KRT

On Aug 26, 2013, at 8:41 PM, W3FIS wrote:

--- In X1M_QRP-Transceiver@yahoogroups.com, Ken Downs <krtdowns@...> wrote:
>
> Paul,
> We are not communicating.

OK, I agree. I am agreed that TX and RX are the same. In a certain sense, CW BFO setting makes no difference. Whatever value floats your boat. I want mine the same as the side tone. Splits are out.

CW BFO does not change TX value. Got it.

A large helping of crow is on the menu for dinner here this evening...

My apologies, please.

73 /paul W3FIS

1140. Re: No output on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-27 01:09:54 UTC
From: W3FIS
Topic: 1073 Message: 1140

--- In X1M_QRP-Transceiver@yahoogroups.com, "mht955" <mhtent@...> wrote:
>
> Well, unless I am doing something wrong I can not seem to do a general reset on my unit. I go through the menu to item 12 RstSetting. I select Yes, hit the BL/LK button for a second and hit yes again. It goes back to the frequency I had started with, but when I go back into the menu, some of the items that I have changed the values on remain the same. Am I doing something wrong?
> Mark (KV8T)

I think so. In item 12, change the "0" to a "1," then press SYS button. You get NO (default), turn Frequency knob to YES (it changes the background, then press the freq. knob again to accept. You should get a beep, and it returns to main menu. Check your results. It think that should do it.

I am rapidly loosing my mind tonight... Do not go there....

/paul W3FIS

1141. Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-27 01:16:53 UTC
From: W3FIS
Topic: 998 Message: 1141

--- In X1M_QRP-Transceiver@yahoogroups.com, Ken Downs <krtdowns@...> wrote:
>
> No apology needed! I like to think I am somewhat fluent in my native language (American English) but I do more often than I care to think about have difficulty getting my point across. Also, the fact that I am stubborn and somewhat pig-headed makes things more challenging...Anyway, glad we got that worked out.

I have been accused of being pig headed as well....

> BTW- I am an escapee from the swamps of old New Jersey, and three of my high school buddies went to Univ of Delaware, graduating in 1971. I think my HS class (about 220 kids) got all of U of D's quota of students from NJ in the freshman class starting in 1967. I visited my friends there while on leave before my first tour in Viet Nam (I had picked the wrong college for me)in 1969. Nice campus. Ah, we were all so young...

I am from Niagara Falls, but ended up here via a long and complex route.

So, how the H... do we sort this mess out? Firmware change is all I can see to make it conform to modern radio design.

I come from the vacuum tube era when a response from anybody in your IF pass band was the norm, especially if you were crystal controlled. Having the ability to do a QSO on a specific frequency is something I'm not used to.

/paul

1142. Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-27 01:26:50 UTC
From: W3FIS
Topic: 998 Message: 1142

-
>
> I have been accused of being pig headed as well....

Hey... more food for thought. I just went to 40 meters, put it in CW mode. I get a nice beat tone on a station. I then "zero beat" the signal. Ok, now we are on the frequency of the sending station.

I now turned on the RIT parameter. Turning the frequency knob now MOVES the receive frequency effectively. Moved until a get a nice tone (took a few turns).

Does this do the trick?? We transmit on the desired frequency (zero beat), but RECEIVE at one such as to give us a good monitoring tone?

Would somebody give this a try???

It seems to make sense to me, as I have a QRP Kits DC40B that SHIFTS the receive frequency above the transmit frequency, which is crystal controlled.

What do you think? If I am right, we have found the solution to our problem. A trifle awkward, but doable, I think.

Inquiring minds want to know...

73 /paul W3FIS

1143. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-27 01:31:48 UTC
From: Dale Parfitt
Topic: 998 Message: 1143

W3FIS wrote:
CW BFO does not change TX value. Got it.

CW BFO does change the TX frequency.

Dale W4OP

1144. Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-27 01:35:17 UTC
From: W3FIS
Topic: 998 Message: 1144

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> W3FIS wrote:
> CW BFO does not change TX value. Got it.
>
OOPS. See my note about the RIT issue. MUCH too long a day..

Brain f..t..

/paul W3FIs

1145. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-27 01:35:40 UTC
From: Dale Parfitt
Topic: 998 Message: 1145

Agreed Ken- that's what I see here.
Nothing I have tried will separate RX and TX. The only thing I could do is perhaps use RIT- but once engaged (as I see it now) you cannot continue to tune the RX with RIT on. But again, I am new to this rig- but not new to designing transcevers.

Dale W4OP
----- Original Message -----
From: Ken Downs
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, August 26, 2013 8:33 PM
Subject: Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Paul,

We are not communicating. I apologize for my unsuccessful efforts to explain my position. Doing as you suggest also changes the transmit frequency. I do not want to do that. When the TX is set to transmit on the dial frequency, the receiver BEAT FREQUENCY OSCILLATOR should be offset from the TX by the amount of the desired BEAT FREQUENCY. I should not have to change the radio tuning. I can narrow my main station rig to a cw bandwidth of 20 Hz, and when a received cw signal is centered in that passband, I hear a pleasant beat note of my choice. When I transmit, my signal is on the same RF frequency as the signal as the one I received, and which is indicated by the radio's digital readout.
The X1M does not appear to be capable of the BFO offset between receive and transmit; consequently if the TX agrees with the dial, the RX will be "zero beat" - a 0 Hz beat note, which is not passed by the audio stages and would be inaudible if it were. I'm no engi neer, but I've been using short wave radio since Ike was in the White House, and based on my experience, the current behavior of the X1M is not standard.
If you are satisfied with how yours works, I'm happy for you. I just think it can be made much better.
72 (you do QRP, right?),
Ken, W1KRT

Re-reading and thinking some more, I guess what you are trying to tell me is that a properly aligned X1M does not transmit CW on the dial frequency. If I have a sked with someone at 7030 KHz and my designated "cw tone" is 600 Hz, I will hear my friend if I tune to 7030.6, and he will hear my transmitted signal on 7030.0. Is that what you are saying? This is what I have been saying all along: the rig does not transmit and receive cw on the same frequency (as indicated by the digital readout). "Round and "round we go....
K

On Aug 26, 2013, at 2:55 PM, W3FIS wrote:

When you tune (after CW alignment), TUNE FOR THE TONE EQUAL TO THE SIDE TONE THAT YOU HAVE SET UP. Very useful, if you have a "tin ear" like mine to use some sort of spectrum analysis, so that tone of desired station falls on the side tone that you have selected and

aligned for.

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6611 - Release Date: 08/26/13

1146. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-27 02:01:27 UTC
From: Dale Parfitt
Topic: 998 Message: 1146

That works but is quite awkward. Contesting would be very slooow if we had to use this method.

Dale W4OP----- Original Message -----
From: W3FIS
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, August 26, 2013 9:26 PM
Subject: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

-
>
> I have been accused of being pig headed as well....

Hey... more food for thought. I just went to 40 meters, put it in CW mode. I get a nice beat tone on a station. I then "zero beat" the signal. Ok, now we are on the frequency of the sending station.

I now turned on the RIT parameter. Turning the frequency knob now MOVES the receive frequency effectively. Moved until a get a nice tone (took a few turns).

Does this do the trick?? We transmit on the desired frequency (zero beat), but RECEIVE at one such as to give us a good monitoring tone?

Would somebody give this a try???

It seems to make sense to me, as I have a QRP Kits DC40B that SHIFTS the receive frequency above the transmit frequency, which is crystal controlled.

What do you think? If I am right, we have found the solution to our problem. A trifle awkward, but doable, I think.

Inquiring minds want to know...

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6611 - Release Date: 08/26/13

1147. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-27 02:23:38 UTC
From: Charlie , W5COV
Topic: 998 Message: 1147

I will chime in here now also and I also spent a day extensively testing CW on both the original version and the Platinum (PRO) version . We DO INDEED have a problem with CW and it does appear that a firmware update is needed .
Thanks , to Dale , Paul , Fred , and others for their input and feeding me information so I could get them both on the bench today . Luckily I was able to do side by side comparisons . Wavetek 5100 Synthesizer , HP Frequency Counter , HP-3586C SLM , all locked to a Wenzel OCXO 10 MHz. oscillator and an Adafruit GPS 1pps . Thanks to Dale and Paul in particular for recommending the testing methods and for allowing me to participate in verifying the information that Dale initially sent me .

Paul and Dale have a bit of a duct tape method that would get us by if we HAD to make a CW contact .

This information and the SPLIT information MUST be conveyed to the factory ASAP , because I would imagine they are running flat out on the next production run and these , along with the LSB , Attenuator , firmware changes need to be made BEFORE they leave the factory .

Next question . Can we find out from the factory if there is any way for us to perform firmware updates , whether it be by the computer port or burning a new micro .

By now we SHOULD be able to get the PRO schematic , since it is in full production I am quite sure . Does anyone in this group speak or write Chinese fluently ?? There seems to be a language barrier involved also . IF we can establish RELIABLE communications with the factory , we NEED someone that can represent their product to join this group . We have a number of competent engineers on here , that also have just as good of test equipment as the lab at the factory .

We also need to generate a MASTER LIST of problems , since the problems are scattered through our findings as we run across them . Have the factory send Ed some pre shipment models ASAP and also if the factory is going to have to provide the firmware for the upgrades , have them get us some of those chips here ASAP as well for BETA testing .

I believe that they sincerely want to put out a quality product , but they certainly need to have our feedback in order to do that . We don't want to get to the point yet of generating a "wish list" but rather get a well established and well tested STABLE version . There is plenty of time and a good market later to add to the rig or even produce a different model but we need to assure that what is already here gets made into a STABLE version . They should indeed make this a TOP PRIORITY

. As much as they have riding on this rig they should take the time and go to the expense of at least getting several pieces of firmware to us THIS WEEK .

I have no financial interest in this other than my radios , but this radio CAN be a REAL WINNER and let the competition catch up with them . If the issues we have already identified are resolved quickly then there is no reason that they can't get some new firmware out this week JUST for BETA testing .

Lets get a solid list of the problems that we are aware of ASAP , tonight or by morning and get that to Ed so we can do our part to get these issues resolved ASAP . The expense of using fast high priced global mail or whatever is the quickest service is a very good and in the end VERY CHEAP to have all of us being able to recommend this radio !!

Just my thoughts .

Charlie , W5COV

On 8/26/2013 8:35 PM, Dale Parfitt wrote:
>
> Agreed Ken- that's what I see here.
> Nothing I have tried will separate RX and TX. The only thing I could
> do is perhaps use RIT- but once engaged (as I see it now) you cannot
> continue to tune the RX with RIT on. But again, I am new to this rig-
> but not new to designing transcevers.
> Dale W4OP
>
> ----- Original Message -----
> *From:* Ken Downs <mailto:krtdowns@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Monday, August 26, 2013 8:33 PM
> *Subject:* Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep
> it or send it back?
>
> Paul,
>
> We are not communicating. I apologize for my unsuccessful efforts
> to explain my position. Doing as you suggest also changes the
> transmit frequency. I do not want to do that. When the TX is set
> to transmit on the dial frequency, the receiver BEAT FREQUENCY
> OSCILLATOR should be offset from the TX by the amount of the
> desired BEAT FREQUENCY. I should not have to change the radio
> tuning. I can narrow my main station rig to a cw bandwidth of 20
> Hz, and when a received cw signal is centered in that passband, I
> hear a pleasant beat note of my choice. When I transmit, my signal
> is on the same RF frequency as the signal as the one I received,
> and which is indicated by the radio's digital readout.
> The X1M does not appear to be capable of the BFO offset between

> receive and transmit; consequently if the TX agrees with the dial,
> the RX will be "zero beat" - a 0 Hz beat note, which is not passed
> by the audio stages and would be inaudible if it were. I'm no engi
> neer, but I've been using short wave radio since Ike was in the
> White House, and based on my experience, the current behavior of
> the X1M is not standard.
> If you are satisfied with how yours works, I'm happy for you. I
> just think it can be made much better.
> 72 (you do QRP, right?),
> Ken, W1KRT
>
> Re-reading and thinking some more, I guess what you are trying to
> tell me is that a properly aligned X1M does not transmit CW on the
> dial frequency. If I have a sked with someone at 7030 KHz and my
> designated "cw tone" is 600 Hz, I will hear my friend if I tune to
> 7030.6, and he will hear my transmitted signal on 7030.0. Is that
> what you are saying? This is what I have been saying all along:
> the rig does not transmit and receive cw on the same frequency (as
> indicated by the digital readout). "Round and "round we go....
> K
>
> On Aug 26, 2013, at 2:55 PM, W3FIS wrote:
>
> When you tune (after CW alignment), TUNE FOR THE TONE EQUAL TO THE
> SIDE TONE THAT YOU HAVE SET UP. Very useful, if you have a "tin
> ear" like mine to use some sort of spectrum analysis, so that tone
> of desired station falls on the side tone that you have selected
> and aligned for.
>
> 73 /paul W3FIS
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2013.0.3392 / Virus Database: 3211/6611 - Release Date:
> 08/26/13
>
>

1148. Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-27 03:44:11 UTC
From: William Stearns
Topic: 998 Message: 1148

I agree that this could be a winner if it worked. The CW is a must have for me, as of right now the rig is a paperweight. I've noticed, and I've seen others mention, the connectors used for Microphone and Keyer are of the lowest quality I have ever seen. I have to rotate my connector into the keyer until it makes contact with the ring. The microphone connector has no positive connection, so it tends to not be plugged in more than it's plugged in. The keyer is a joke, but straight key is fine, if it actually detected the difference of having a stereo vs mono being plugged into it. And, oh yeah, the AGC. Wow, I suppose there's quite a list. Is this even all fixable??

Bill, NE4RD

From: "Charlie , W5COV" <cvest@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: Dale Parfitt <parinc1@...>
Sent: Monday, August 26, 2013 8:23 PM
Subject: Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?

I will chime in here now also and I also spent a day extensively testing CW on both the original version and the Platinum (PRO) version . We DO INDEED have a problem with CW and it does appear that a firmware update is needed .
Thanks , to Dale , Paul , Fred , and others for their input and feeding me information so I could get them both on the bench today . Luckily I was able to do side by side comparisons . Wavetek 5100 Synthesizer , HP Frequency Counter , HP-3586C SLM , all locked to a Wenzel OCXO 10 MHz. oscillator and an Adafruit GPS 1pps . Thanks to Dale and Paul in particular for recommending the testing methods and for allowing me to participate in verifying the information that Dale initially sent me .

Paul and Dale have a bit of a duct tape method that would get us by if we HAD to make a CW contact .

This information and the SPLIT information MUST be conveyed to the factory ASAP , because I would imagine they are running flat out on the next production run and these , along with the LSB , Attenuator , firmware changes need to be made BEFORE they leave the factory .

Next question . Can we find out from the factory if there is any way for us to perform firmware updates , whether it be by the computer port or burning a new micro .

By now we SHOULD be able to get the PRO schematic , since it is in full production I am quite sure . Does anyone in this group speak or write Chinese fluently ?? There seems to be a language barrier

involved also . IF we can establish RELIABLE communications with the factory , we NEED someone that can represent their product to join this group . We have a number of competent engineers on here , that also have just as good of test equipment as the lab at the factory .

We also need to generate a MASTER LIST of problems , since the problems are scattered through our findings as we run across them . Have the factory send Ed some pre shipment models ASAP and also if the factory is going to have to provide the firmware for the upgrades , have them get us some of those chips here ASAP as well for BETA testing .

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Just my thoughts .

Charlie , W5COV

On 8/26/2013 8:35 PM, Dale Parfitt wrote:

>Agreed Ken- that's what I see here.
>Nothing I have tried will separate RX and TX. The only thing I could do is perhaps use RIT- but once engaged (as I see it now) you cannot continue to tune the RX with RIT on. But again, I am new to this rig- but not new to designing transcevers.
>
>
>Dale W4OP
>----- Original Message -----
>>From: Ken Downs
>>To: X1M_QRP-Transceiver@yahoogroups.com

>>Sent: Monday, August 26, 2013 8:33 PM
>>Subject: Re: [X1M_QRP-Transceiver] Re: X1M-Pro questions. Keep it or send it back?
>>
>>
>>Paul,
>>We are not communicating. I apologize for my unsuccessful efforts to explain my position. Doing as you suggest also changes the transmit frequency. I do not want to do that. When the TX is set to transmit on the dial frequency, the receiver BEAT FREQUENCY OSCILLATOR should be offset from the TX by the amount of the desired BEAT FREQUENCY. I should not have to change the radio tuning. I can narrow my main station rig to a cw bandwidth of 20 Hz, and when a received cw signal is centered in that passband, I hear a pleasant beat note of my choice. When I transmit, my signal is on the same RF frequency as the signal as the one I received, and which is indicated by the radio's digital readout.
>>The X1M does not appear to be capable of the BFO offset between receive and transmit; consequently if the TX agrees with the dial, the RX will be "zero beat" - a 0 Hz beat note, which is not passed by the audio stages and would be inaudible if it were. I'm no engi neer, but I've been using short wave radio since Ike was in the White House, and based on my experience, the current behavior of the X1M is not standard.
>>If you are satisfied with how yours works, I'm happy for you. I just think it can be made much better.
>>72 (you do QRP, right?),
>>Ken, W1KRT
>>
>>
>>Re-reading and thinking some more, I guess what you are trying to tell me is that a properly aligned X1M does not transmit CW on the dial frequency. If I have a sked with someone at 7030 KHz and my designated "cw tone" is 600 Hz, I will hear my friend if I tune to 7030.6, and he will hear my transmitted signal on 7030.0. Is that what you are saying? This is what I have been saying all along: the rig does not transmit and receive cw on the same frequency (as indicated by the digital readout). "Round and "round we go....
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>>
>>
>>On Aug 26, 2013, at 2:55 PM, W3FIS wrote:
>>
>>
>>When you tune (after CW alignment), TUNE FOR THE TONE EQUAL TO THE SIDE TONE THAT YOU HAVE SET UP. Very useful, if you have a "tin ear" like mine to use some sort of spectrum analysis, so that tone of desired station falls on the side tone that you have selected and aligned for.
>>
>>73 /paul W3FIS
>>
>>
>>
>>No virus found in this message.
>>Checked by AVG - www.avg.com
>>Version: 2013.0.3392 / Virus Database: 3211/6611 -
Release Date: 08/26/13

1149. [X1M_QRP-Transceiver] Re: Keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-27 04:48:58 UTC
From: Dale Parfitt
Topic: 1149 Message: 1149

Has anyone put a scope on the keyer to observe dot/dash/element spacing?
If not, I'll try to get to it Tuesday. It doesn't sound right, but the fix should be just adjusting timing loops in firmware- another item for the list Charlie- eh?

Dale W4OP

1150. Re: [X1M_QRP-Transceiver] Re: Keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-27 04:55:40 UTC
From: Charlie , W5COV
Topic: 1149 Message: 1150

I would say so Dale , said the same thing right after I got mine and first tried setting up the keyer . Your observation is dead on with mine . It is on my list to look at with the scope just haven't made it through the list yet :)

I am starting to get quite a test bench devoted to just the X1M :)

Thanks for confirming my observation , makes me feel better knowing that someone else agrees with my assessment .

Charlie , W5COV

On 8/26/2013 11:48 PM, Dale Parfitt wrote:
>
> Has anyone put a scope on the keyer to observe dot/dash/element spacing?
> If not, I'll try to get to it Tuesday. It doesn't sound right, but the
> fix should be just adjusting timing loops in firmware- another item
> for the list Charlie- eh?
> Dale W4OP
>
>

1151. Audio level on Transmit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-28 21:08:06 UTC
From: <deadgoose@...>
Topic: 1151 Message: 1151

Air check with buddy on ground wave, 40 meters, vs. CW suggests I need to turn up the audio a bit. Before I get into it, CW, or CCW on the pot, and a little 1/4 turn, or more? I'll fire into a dummy load and monitor with another receiver with the antenna shorted. I am getting pretty good "kicks" on my SWR meter, but I think I could squeeze a little more out of the rig.

Any thoughts??

73 /paul W3FIS

1152. RE: Audio level on Transmit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-28 21:48:37 UTC
From: <kd4hjt@...>
Topic: 1151 Message: 1152

Paul,

Mine peaked out at around 120 degrees clockwise on the watt meter on SSB.

Ray , KD4HJT

--- In x1m_qrp-transceiver@yahoogroups.com, <deadgoose@...> wrote:

Air check with buddy on ground wave, 40 meters, vs. CW suggests I need to turn up the audio a bit. Before I get into it, CW, or CCW on the pot, and a little 1/4 turn, or more? I'll fire into a dummy load and monitor with another receiver with the antenna shorted. I am getting pretty good "kicks" on my SWR meter, but I think I could squeeze a little more out of the rig.

Any thoughts??

73 /paul W3FIS

1153. RE: RE: Audio level on Transmit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-28 22:55:36 UTC
From: <deadgoose@...>
Topic: 1151 Message: 1153

OK. Charlie says that there is a "sweet spot" on the pot, which seems to be the case. Definitely worth my while to have adjusted it. Air check with local ham indicated that voice level was a little weak in knees.

Thanks!

/paul W3FIS

--- In undefined, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Paul,

Mine peaked out at around 120 degrees clockwise on the watt meter on SSB.

Ray , KD4HJT

--- In x1m_qrp-transceiver@yahoogroups.com, <deadgoose@...> wrote:

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Any thoughts??

73 /paul W3FIS

1154. Re: [X1M_QRP-Transceiver] RE: RE: Audio level on Transmit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-28 23:14:24 UTC
From: Dale Parfitt
Topic: 1151 Message: 1154

That's a tough call Paul. Unlike AM, the amount of power in an SSB signal is totally dependent on the amount of audio. No audio= no power. So how does one tell its "weak in the knees" and not just band conditions, the rig being QRP or a poor antenna?

Dale W4OP

----- Original Message -----
From: deadgoose@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, August 28, 2013 6:55 PM
Subject: [X1M_QRP-Transceiver] RE: RE: Audio level on Transmit

OK. Charlie says that there is a "sweet spot" on the pot, which seems to be the case. Definitely worth my while to have adjusted it. Air check with local ham indicated that voice level was a little weak in knees.

Thanks!

/paul W3FIS

--- In undefined, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Paul,

&nbs p;

Mine peaked out at around 120 degrees clockwise on the watt meter on SSB.

Ray , KD4HJT

--- In x1m_qrp-transceiver@yahoogroups.com, <deadgoose@...> wrote:

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Any thoughts??

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6617 - Release Date: 08/28/13

1155. Re: [X1M_QRP-Transceiver] RE: RE: Audio level on Transmit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-28 23:49:02 UTC
From: Ken Downs
Topic: 1151 Message: 1155

I've never been much of a fone guy. Isn't this a case for the old "two-tone test" and a 'scope to determine how much signal we can push before distortion begins? Then, if I remember correctly, the "average" voice will generate about 40% of that for output if you don't use speech compression, which I don't think X1M has. Does that sound about right? I've only made two SSB QSOs so far (NH and Maine) and I haven't played with the audio level at all yet.
Ken W1KRT
On Aug 28, 2013, at 7:14 PM, Dale Parfitt wrote:

☐

That's a tough call Paul. Unlike AM, the amount of power in an SSB signal is totally dependent on the amount of audio. No audio= no power. So how does one tell its "weak in the knees" and not just band conditions, the rig being QRP or a poor antenna?

Dale W4OP

----- Original Message -----
From: deadgoose@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, August 28, 2013 6:55 PM
Subject: [X1M_QRP-Transceiver] RE: RE: Audio level on Transmit

OK. Charlie says that there is a "sweet spot" on the pot, which seems to be the case. Definitely worth my while to have adjusted it. Air check with local ham indicated that voice level was a little weak in knees.

Thanks!

/paul W3FIS

--- In undefined, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Paul,

&nbs p;

Mine peaked out at around 120 degrees clockwise on the watt meter on SSB.

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--- In x1m_qrp-transceiver@yahoogroups.com, <deadgoose@...> wrote:

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Any thoughts??

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6617 - Release Date: 08/28/13

1156. Re: RE: Audio level on Transmit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-29 00:12:17 UTC
From: W3FIS
Topic: 1151 Message: 1156

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> That's a tough call Paul. Unlike AM, the amount of power in an SSB signal is totally dependent on the amount of audio. No audio= no power. So how does one tell its "weak in the knees" and not just band conditions, the rig being QRP or a poor antenna?

Gave him a "key down" on CW for comparison, which will be full power.

73 /paul W3FIS

1157. Re: RE: Audio level on Transmit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-29 00:15:13 UTC
From: W3FIS
Topic: 1151 Message: 1157

--- In X1M_QRP-Transceiver@yahoogroups.com, Ken Downs <krtdowns@...> wrote:
>
> I've never been much of a fone guy. Isn't this a case for the old "two-tone test" and a 'scope to determine how much signal we can push before distortion begins? Then, if I remember correctly, the "average" voice will generate about 40% of that for output if you don't use speech compression, which I don't think X1M has. Does that sound about right? I've only made two SSB QSOs so far (NH and Maine) and I haven't played with the audio level at all yet.

Yes, that is my understanding. After I had increased the microphone level, I got peaks about 1.5 to 2 x more than before, and closer to the 40% number. Voiced consonants have more energy, so that was my test.

Don't have access to a 'scope, or I would have definitely done that. If I have too much (distortion), then I know how to cut it back.

73 /paul W3FIS

1158. X1M-PRO DX Video, my Mods, and a new Firmware feature request...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-29 08:43:12 UTC
From: pezcat19
Topic: 1158 Message: 1158

Hi all,

I have had my X1M Pro for a couple of weeks now and I have been enjoying (mostly) the rig. As we know it has a few design/firmware issues, but it is mostly great on SSB.

Today my AlexLoop Walkham arrived in the post. I have been procrastinating about this antenna for a couple of years, but I finally decided to purchase one. I assembled it in my backyard and tuned it for 20m, which as my first attempt only took about 3 minutes. I had not been on the air longer than 5 minutes and this video was the result! A long-path "55" contact with IZ7NLJ (Italy). That is roughly 15152 mi or 24385 km from my location here in VK3 (Melbourne, Australia)!!!

Check out my poor quality video here: http://youtu.be/JieeidauIDE

FYI; I have made the following mods/improvements to my X1M PRO:

- I replaced the BNC with an SO239. I have no idea why so many people voted for BNC version, as for portable use the SO239 is stronger and provides a rigid connection for QRP antennas such as Miracle Whips, ATX Walkabouts, etc... (For a bench-top radio, BNC is fine).

- I re-seated the speaker and spaced it slightly off the PCB with some foam tape and hot melt glue. I also tightened the loose PCB screw at the rear of the top board, as it was vibrating on loud audio.

- I adjusted IF Offsets and BFO's. SSB works well now (I do not use CW, except for tuning up! hihi)

- I lowered the sidetone (also affects the 'Keybeeps' :)

- I have tried various knobs. The ones on there now are OK but still not exactly what I am after.

- Added rubber feet

- I straightened the LDC as it was so are out it has giving me a sore neck :)

- I cleaned the soft key contacts as the LK/SYS key was very intermittent.

- I Potted the microphone plug

- I Used a black sharpie to color in the speaker holes.

So the rig is far from perfect, but it's damn good fun for the price! I hope a Firmware update will appear to resolve IF offsets and the CW bug.

Speaking of Firmware, I would also like to remove the TS+ and TS- buttons and have this 'digit select' feature performed by the VFO push switch (eg, Push to "blink" the selected digit, and rotate the VFO again to choose the one you wish to change (left or right), then

push again to lock it in as begin tuning!). Make the current F1 and F5 keys "Menu +" and "Menu -", (to do the job the VFO Push currently does), and then I can tune quickly with only using the one dial only!!! I think this would improve the operation of the radio significantly. What do we think gang? Would you and can we vote for this in a FW update?

73

Perrin
VK3XPT

1159. Re: X1M-PRO DX Video, my Mods, and a new Firmware feature request...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-29 12:25:40 UTC
From: Heath - VK3TWO / VK6TWO
Topic: 1158 Message: 1159

Hi Perrin,

Apparrently the BNC is a USA thing, and the SO-239 is EU/JA.

We're lucky here in Australia that we have the choice of either model, and it appears that so far it's roughly 50/50. The Australian models<http://sites.google.com/site/spooktechengineering/ham/qrp-hf>are all re-aligned prior to shipping so it can be used right out of the box
without having to 'tinker'.

Having played with both BNC/SO-239 models, I must admit that I prefer the SO-239, but that's typically only because that is what I have most of in the shack. RF wise, the BNC is a superior connection, though at HF it's much less critical, so therefore it really comes down to personal preference.

Many of the SOTA guys seem to like BNC as that's what they have used for the FT-817, but then again, some 817 users still prefer the SO-239 (even though it draws more current to drive a relay for its use).

I like your idea of using a permanent marker to colour in the speaker holes. So simple yet effective. One of the first commens i'd heard from fellow hams (other than shit that's small) was that the holes on top look a bit dodgy.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
+61 (0) 404 893 178
Website <http://sites.google.com/site/actionman5/>

DSTAR <http://www.dstar.org.au/what_is_dstar.htm> - Co-ordinator (WA)
Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
WA Repeater Group <http://www.warg.org.au> – Committee
WA VHF Group <http://www.wavhfgroup.org.au/> – Committee
Wireless Institute Civil Emergency
Network<http://www.wia.org.au/members/emcom/wicen/>– President &
Technical Officer (WA)
Wireless Institute of Australia <http://www.wia.org.au> – State Advisory
Committee <http://www.wia.org.au/members/advisories/about/> (WA)
Wireless Institute of Australia - State Emergency
Comms<http://www.wia.org.au/members/emcom/about/>co-ordinator (WA)
<spooktech@...> <http://www.spooktech.net>

1160. Re: X1M-PRO DX Video, my Mods, and a new Firmware feature request...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-29 12:41:30 UTC
From: pezcat19
Topic: 1158 Message: 1160

Hi Heath,

All agreed mate. With regards to the SO-239, I always use this for HF on my FT817, and always the BNC for V/U. As I use extra LiPo packs, the extra current consumption for the SO-239 relay is not an issue for me.

It's funny regarding the size of the rig, as despite all of the photos and videos I looked at, the rig was still much smaller than I expected when it arrived. (This is a good thing!)

I believe you have contact with the manufacturer? What do you think about my VFO tuning/digit select idea?

It's great to see you stocking and aligning the rigs in VK too!

73

Perrin
VK3XPT

1161. Re: X1M-PRO DX Video, my Mods, and a new Firmware feature request...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-29 12:58:37 UTC
From: Paul W. Ross
Topic: 1158 Message: 1161

I like the use of a sharpie to take care of those shiny speaker holes.
Hadn't figured out a good way to deal with that.

BTW, I think putting the feet on jacks it up enough to improve cooling.
My perception is that it now doesn't run as warm.

How did you clean those switch contacts? A couple of mine aren't all
that good. Takes a couple of pushes sometimes.

Thanks!

73 /paul W3FIS

1162. Re: X1M-PRO DX Video, my Mods, and a new Firmware feature request...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-29 13:12:52 UTC
From: W3FIS
Topic: 1158 Message: 1162

A counter sink was apparently used to remove the burr on drilling the holes, which accounts for most of the "shine." Just did the marker thing -- had one with a tapered round tip -- does the trick.

If they had punched the holes instead, it might have looked better, so the burr would have been on the inside, out of sight.

The alignment took maybe 10 minutes, so that really isn't a big deal. Forced me to learn a little more about how the rig really works, and build up confidence level.

73 /paul W3FIS

1163. Re: [X1M_QRP-Transceiver] X1M-PRO DX Video, my Mods, and a new Firmware feature request...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-29 13:34:05 UTC
From: Dale Parfitt
Topic: 1158 Message: 1163

Hi Perrin,
I am in the midst of modifying a classic QRP rig here- the S&S Engineering ARK-40. This was an expensive monoband rig from the 1990's and featured a wonderful, spur free synthesizer. The downside was that you had to tune it via 4 BCD thumbwheels.
http://k8ld-qrp.blogspot.com/2011/01/ark-40.html

So, my conversion uses a Basic Stamp BS2 micro and converts optical encoder pulses to BCD and an LCD display. Anyway, I am making use of the encoder pushbutton to select different tuning rates and it works wonderfully and is very intuitive.

Dale W4OP

----- Original Message -----
From: pezcat19
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, August 29, 2013 4:43 AM
Subject: [X1M_QRP-Transceiver] X1M-PRO DX Video, my Mods, and a new Firmware feature request...

Hi all,

I have had my X1M Pro for a couple of weeks now and I have been enjoying (mostly) the rig. As we know it has a few design/firmware issues, but it is mostly great on SSB.

Today my AlexLoop Walkham arrived in the post. I have been procrastinating about this antenna for a couple of years, but I finally decided to purchase one. I assembled it in my backyard and tuned it for 20m, which as my first attempt only took about 3 minutes. I had not been on the air longer than 5 minutes and this video was the result! A long-path "55" contact with IZ7NLJ (Italy). That is roughly 15152 mi or 24385 km from my location here in VK3 (Melbourne, Australia)!!!

Check out my poor quality video here: http://youtu.be/JieeidauIDE

FYI; I have made the following mods/improvements to my X1M PRO:

- I replaced the BNC with an SO239. I have no idea why so many people voted for BNC version, as for portable use the SO239 is stronger and provides a rigid connection for QRP antennas such as Miracle Whips, ATX Walkabouts, etc... (For a bench-top radio, BNC is fine).

- I re-seated the speaker and spaced it slightly off the PCB with some foam tape and hot melt glue. I also tightened the loose PCB screw at the rear of the top board, as it was vibrating on loud audio.

- I adjusted IF Offsets and BFO's. SSB works well now (I do not use CW, except for tuning up! hihi)

- I lowered the sidetone (also affects the 'Keybeeps' :)

- I have tried various knobs. The ones on there now are OK but still not exactly what I am after.

- Added rubber feet

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So the rig is far from perfect, but it's damn good fun for the price! I hope a Firmware update will appear to resolve IF offsets and the CW bug.

Speaking of Firmware, I would also like to remove the TS+ and TS- buttons and have this 'digit select' feature performed by the VFO push switch (eg, Push to "blink" the selected digit, and rotate the VFO again to choose the one you wish to change (left or right), then push again to lock it in as begin tuning!). Make the current F1 and F5 keys "Menu +" and "Menu -", (to do the job the VFO Push currently does), and then I can tune quickly with only using the one dial only!!! I think this would improve the operation of the radio significantly. What do we think gang? Would you and can we vote for this in a FW update?

73

Perrin
VK3XPT

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6617 - Release Date: 08/28/13

1164. Re: [X1M_QRP-Transceiver] Re: X1M-PRO DX Video, my Mods, and a new Firmware feature request...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-29 13:46:12 UTC
From: Dale Parfitt
Topic: 1158 Message: 1164

Hi Paul et al,
Obviously, they are buying these extrusions with the powder coat already on them. I believe a die to punch the holes would mar the surface requiring a repaint.
My solution is to cut out the entire circular area of the speaker with a fly cutter on my vertical mill. I have, arriving today, an injection molded black speaker grill that will then cover the opening- and should allow more of the speaker's audio out.

Dale W4OP
----- Original Message -----
From: W3FIS
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, August 29, 2013 9:12 AM
Subject: [X1M_QRP-Transceiver] Re: X1M-PRO DX Video, my Mods, and a new Firmware feature request...

A counter sink was apparently used to remove the burr on drilling the holes, which accounts for most of the "shine." Just did the marker thing -- had one with a tapered round tip -- does the trick.

If they had punched the holes instead, it might have looked better, so the burr would have been on the inside, out of sight.

The alignment took maybe 10 minutes, so that really isn't a big deal. Forced me to learn a little more about how the rig really works, and build up confidence level.

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6617 - Release Date: 08/28/13

1165. Re: X1M-PRO DX Video, my Mods, and a new Firmware feature request...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-29 14:14:13 UTC
From: pezcat19
Topic: 1158 Message: 1165

Hi Paul,

With regards to heat, my X1M-PRO stays cool when I run it with less than 12.2 volts (roughly). At 12.6v, it starts getting rather warm, and I would imagine that at 13+ v it would get very very warm.

My X1M has been working down to 11.5v with no problems. I have not performed any tests on its performance and different voltages, but regardless the heat seems directly related to the input voltage. The rubber feet probably do help a little with cooling.

To clean the switch contacts I use electronic contact cleaner (in a spray can) applied to a toothbrush or a clean rag to wipe the contact area under the rubber pads. This was all it took to fix my buttons.

Cheers,

Perrin
VK3XPT

1166. Re: X1M-PRO DX Video, my Mods, and a new Firmware feature request...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-29 14:17:32 UTC
From: pezcat19
Topic: 1158 Message: 1166

Hi Dale,

Great stuff, thanks for your feedback on this. That sounds like a great project!

Cheers,

Perrin
VK3XPT

1167. Re: [X1M_QRP-Transceiver] Re: X1M-PRO DX Video, my Mods, and a new Firmware feature request...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-29 14:36:41 UTC
From: Dale Parfitt
Topic: 1158 Message: 1167

I am just doing the silk screening for the new front panel - I'll post the project to my website when done.

Dale W4OP
----- Original Message -----
From: pezcat19
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, August 29, 2013 10:17 AM
Subject: [X1M_QRP-Transceiver] Re: X1M-PRO DX Video, my Mods, and a new Firmware feature request...

Hi Dale,

Great stuff, thanks for your feedback on this. That sounds like a great project!

Cheers,

Perrin
VK3XPT

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6619 - Release Date: 08/29/13

1168. No Audio and intermittent power jack!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-29 22:34:14 UTC
From: kelandis@...
Topic: 1168 Message: 1168

Hello All

Received my XM1 on the 26th...worked well for 2 days ! Tried to use it the other nite and there is no audio from the speaker or headphone jack! Has anyone else had this problem?

I sent Ed at Import Communications an email to both his addresses on the 28th but no response yet..maybe he is out of town for the Holiday?

Any help will be greatly appreciated!
Tnx es 73
Kent
N8ZRD

1169. Re: [X1M_QRP-Transceiver] No Audio and intermittent power jack!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-29 22:42:27 UTC
From: Charlie , W5COV
Topic: 1168 Message: 1169

I don't recall this particular problem being discussed . My first thought is to do a general reset .

However various other "strange" and stray "not commonly experienced or reported" have been linked to bad connections between the front panel and the board . I would try seating that again to see if the problem goes away . Maybe a shot of Deoxit contact cleaner on the connectors if you have some .

Please keep us informed and we will attempt to help you .

I have not heard from Ed at all this week , so I suspect he may very well be tied up elsewhere , he is normally very good at answers to my e-mails .

Charlie , W5COV
On 8/29/2013 5:34 PM, kelandis@... wrote:
>
> Hello All
>
> Received my XM1 on the 26th...worked well for 2 days ! Tried to use it
> the other nite and there is no audio from the speaker or headphone
> jack! Has anyone else had this problem?
>
> I sent Ed at Import Communications an email to both his addresses on
> the 28th but no response yet..maybe he is out of town for the Holiday?
>
> Any help will be greatly appreciated!
> Tnx es 73
> Kent
> N8ZRD
>
>

1170. Re: [X1M_QRP-Transceiver] No Audio and intermittent power jack!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-29 22:49:51 UTC
From: Charlie , W5COV
Topic: 1168 Message: 1170

Sorry Kent , I forgot to address the power jack issue . The wrong sized plug is included with the radio . You need one with a smaller diameter inner hole . I had one here I took all the way down to the board to make sure it wasn't an issue with the radio side connector breaking away from the board .I don't remember all the metric sizes right off hand. I am fortunate that I have a well stocked bench and had the right connector on hand .

I think someone posted a Radio Shack part number for the correct plug . Check and see if that is the problem that you have too.

Charlie , W5COV

On 8/29/2013 5:42 PM, Charlie , W5COV wrote:
>
> I don't recall this particular problem being discussed . My first
> thought is to do a general reset .
>
> However various other "strange" and stray "not commonly experienced or
> reported" have been linked to bad connections between the front panel
> and the board . I would try seating that again to see if the problem
> goes away . Maybe a shot of Deoxit contact cleaner on the connectors
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> Charlie , W5COV
>
> On 8/29/2013 5:34 PM, kelandis@... wrote:
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>> N8ZRD
>>
>
>

1171. RE: No Audio and intermittent power jack!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-29 23:16:36 UTC
From: <deadgoose@...>
Topic: 1168 Message: 1171

You want a 5.5 x 2.1 mm plug. The "standard" one for most QRP gear.

I think, but not sure that it is a Rat Shack "M" plug.

73 /paul W3FIS

--- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

Sorry Kent , I forgot to address the power jack issue . The wrong sized plug is included with the radio . You need one with a smaller diameter inner hole . I had one here I took all the way down to the board to make sure it wasn't an issue with the radio side connector breaking away from the board .I don't remember all the metric sizes right off hand. I am fortunate that I have a well stocked bench and had the right connector on hand .

I think someone posted a Radio Shack part number for the correct plug . Check and see if that is the problem that you have too.

Charlie , W5COV

On 8/29/2013 5:42 PM, Charlie , W5COV wrote:

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Please keep us informed and we will attempt to help you .

I have not heard from Ed at all this week , so I suspect he may very well be tied up elsewhere , he is normally very good at answers to my e-mails .

Charlie , W5COV

On 8/29/2013 5:34 PM, kelandis@... wrote:

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Tnx es 73
Kent

N8ZRD

1172. My first X1M CW QSO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-30 02:28:39 UTC
From: w1krt
Topic: 1172 Message: 1172

Don't know why I haven't tried this before now. Just had a decent cw chat with W7GVE in Arizona with my X1M and OCF dipole. Guess I've grown lazy and accustomed to the radio doing the work - it finally hit me I could work split manually, using the VFO A/B switch as a sort of T/R switch. I called CQ on 14.060 - QRP calling freq - and used the other VFO to listen up 600Hz in order to get an audible beat note. Not great, but it worked!
Per Australian suggestion, I turned down the voltage on my power supply in the shack, and ran the X1M at 12.0 V. It does run quite a bit cooler, and I still get 5W out on 80 and 40, and about 4 on 20 meters per my WM-2 QRP wattmeter. Close enough.
Pleased with this success, I'm going to quit while I'm ahead and QRT for today.
G'Night, y'all!
Ken, W1KRT

1173. Re: [X1M_QRP-Transceiver] My first X1M CW QSO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-30 02:41:40 UTC
From: Charlie , W5COV
Topic: 1172 Message: 1173

Congratulations Ken !! At least it is a viable work around for the present time .

Heck still a lot simpler than my days as a novice with my home brew transmitter and my S-40 receiver . The guy I was working and I might have crystals 5 kHz. or even more apart and a knife switch for changing the antenna between the transmitter and receiver . Switching the receiver from standby , you almost needed a flight check list :)

Charlie , W5COV

On 8/29/2013 9:28 PM, w1krt wrote:
>
> Don't know why I haven't tried this before now. Just had a decent cw
> chat with W7GVE in Arizona with my X1M and OCF dipole. Guess I've
> grown lazy and accustomed to the radio doing the work - it finally hit
> me I could work split manually, using the VFO A/B switch as a sort of
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> Pleased with this success, I'm going to quit while I'm ahead and QRT
> for today.
> G'Night, y'all!
> Ken, W1KRT
>
>

1174. RE: Knobs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-30 03:08:07 UTC
From: <orders@...>
Topic: 617 Message: 1174

I got my knob in the ail today and it looks great! It is so much more comfortable to turn and fits right on! No modification necessary for push button use. I uploaded a photo of it on the x1m if anyone wants to take a look! A great $5 upgrade! I actually kept my red faced knob for volume/power for now because it was easiet to turn and grab with the mic plugged in the than the old tuning knob.

-Chris
KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <deadgoose@...> wrote:

--- In X1M_QRP-Transceiver@yahoogroups.com, "Lee" <mr.olson@...> wrote:
>
> When I tried an aftermarket knob I wadded up a tiny piece of paper and
> pushed it in the knob shaft hole to stop the knob from going all the way on
> and bottoming out..

Yes, but not quite as elegant! <grin> I was an Engineer in my previous life. My XYL has me in a 12 step recovery program. It does not work...

I got 10 (!!) pieces of the knob that is pretty much like the frequency change knob, so messing one up is not a big deal...

/paul W3FIS
>

1175. Audio Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-30 20:04:17 UTC
From: <deadgoose@...>
Topic: 1175 Message: 1175

Anybody else get a chance to try out on of Ed's audio filters? Got mine yesterday. Goes a long way toward narrowing up the band pass for CW signals. Looks like a "knock off" of the NESCAF filter, from what I can determine.

73 /paul W3FIS

1176. RE: Audio Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-31 14:26:45 UTC
From: <deadgoose@...>
Topic: 1175 Message: 1176

Not sure if notices are getting out for new file uploads. I uploaded a revised version of the User's Guide this morning. We have included material dealing with the audio filter accessory.

73 /paul W3FIS

--- In x1m_qrp-transceiver@yahoogroups.com, <deadgoose@...> wrote:

Anybody else get a chance to try out on of Ed's audio filters? Got mine yesterday. Goes a long way toward narrowing up the band pass for CW signals. Looks like a "knock off" of the NESCAF filter, from what I can determine.

73 /paul W3FIS

1177. Re: No Audio and intermittent power jack!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-31 16:04:27 UTC
From: kelandis@...
Topic: 1168 Message: 1177

Hi Charlie

Tried reseating the front panel connectors this morning no change! During disassembly I noticed that the volume and tuning control nuts were barely finger tight if not loose.. It also appears that , what I assume to be the heat sink screw on the bottom has been mistreated..(read galled a bit).

I suspect they are having some Quality Control issues?

Anyway..no word from Ed yet!

A little disappointing as I have the weekend off and no new toys to play with!! Hi Hi

Have a Great Holiday!
73 de Kent
N8ZRD
--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> I don't recall this particular problem being discussed . My first
> thought is to do a general reset .
>
> However various other "strange" and stray "not commonly experienced or
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> > Any help will be greatly appreciated!
> > Tnx es 73

> > Kent
> > N8ZRD
> >
> >
>

1178. RE: Audio Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-31 16:13:11 UTC
From: <wb4mnk@...>
Topic: 1175 Message: 1178

Paul,

Where do I find Ed's Audio Filter ?

73,
Art
WB4MNK

--- In x1m_qrp-transceiver@yahoogroups.com, <deadgoose@...> wrote:

Not sure if notices are getting out for new file uploads. I uploaded a revised version of the User's Guide this morning. We have included material dealing with the audio filter accessory.

73 /paul W3FIS

--- In x1m_qrp-transceiver@yahoogroups.com, <deadgoose@...> wrote:

Anybody else get a chance to try out on of Ed's audio filters? Got mine yesterday. Goes a long way toward narrowing up the band pass for CW signals. Looks like a "knock off" of the NESCAF filter, from what I can determine.

73 /paul W3FIS

1179. Re: X1M-PRO DX Video, my Mods, and a new Firmware feature request...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-31 16:16:24 UTC
From: john hamilton
Topic: 1158 Message: 1179

Perrin and Heath,

It is not necessarily an American thing to have a BNC. The SO-239 IS an American thing, not a EU/JA thing. The SO-239 was invented in the USA by Amphenol during WWII. The reason for choosing the BNC over the SO-239 is simply that the chinese as well as others are incapable of making the connectors correctly, they bastardize it and use something called the metric system to measure with and since they can't make a SAE SO-239 then we have to use the BNC. The chinese SO-239 is metric, our PL-259 connectors are Standard American Equivalent. They don't screw together. The BNC is also an American invention, but since it has no threads then I guess it's not too difficult a concept for the chinese to grasp. The BNC is a better connector though because it is better shielded than a SO-239/PL-259 combination and it is quicker to disconnect.
Since the first X1M's came to the USA with metric SO-239's and we couldn't use them, folks pulled them off and installed SAE SO-239's or BNC's and when Ed came up saying the people at the factory could put BNC's on them, the group here voted to have BNC's put on rather than some garbage we couldn't use.
Can you tell I'm not a fan of the metric system?

73's John Hamilton KD5INM

1180. Re: [X1M_QRP-Transceiver] Re: X1M-PRO DX Video, my Mods, and a new Firmware feature request...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-31 16:52:28 UTC
From: Ken Downs
Topic: 1158 Message: 1180

John,
Having lived in several "metric" countries, I have no dislike at all for the metric system and found it easy to adapt to. The only problem with it is that we Americans haven't yet caught on and fully adopted it. IMHO.
Ken, W1KRT
On Aug 31, 2013, at 12:16 PM, john hamilton wrote:

Perrin and Heath,

It is not necessarily an American thing to have a BNC. The SO-239 IS an American thing, not a EU/JA thing. The SO-239 was invented in the USA by Amphenol during WWII. The reason for choosing the BNC over the SO-239 is simply that the chinese as well as others are incapable of making the connectors correctly, they bastardize it and use something called the metric system to measure with and since they can't make a SAE SO-239 then we have to use the BNC. The chinese SO-239 is metric, our PL-259 connectors are Standard American Equivalent. They don't screw together. The BNC is also an American invention, but since it has no threads then I guess it's not too difficult a concept for the chinese to grasp. The BNC is a better connector though because it is better shielded than a SO-239/PL-259 combination and it is quicker to disconnect.
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Can you tell I'm not a fan of the metric system?

73's John Hamilton KD5INM

1181. Re: X1M-PRO DX Video, my Mods, and a new Firmware feature request...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-31 16:45:49 UTC
From: Heath - VK3TWO / VK6TWO
Topic: 1158 Message: 1181

Hi Perrin,

I beleive your tuning digit idea has some merit, though I'm not sure if I would prefer it that way. I wonder if you have ever used the non PRO version? The way you suggested is how it was done on the older versions.

I guess that in an ideal world, we would have the option to 'user program' each button as we see fit. Is this wishful thinking?? :)

Yes I have been feeding back many points people have made on this list back to the manufacturer with the hope of updates/fixes. They're flat out so we'll just have to see what comes of it.

73's

Heath VK3TWO / VK6TWO

<spooktech@...> <http://www.spooktech.net>

1182. RE: Audio Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-31 16:53:33 UTC
From: <deadgoose@...>
Topic: 1175 Message: 1182

On his web site. see this:

http://www.wouxun.us/item.php?item_id=305&category_id=65

I admit to not caring for the finish, or lack thereof, of the front panel, so simply reversed it (to save the lettering, if I didn't like what I had done), deburred the holes a little, and gave it a nice coat of white appliance epoxy, which stick to aluminum. Added vinyl feet so that it wouldn't scratch the X1M, which it is sitting on top of.

Try using Spectrum 2 to take a look at its response.

Looks like a knock-off of NESCAF filter, but really nice packaging.

73 /paul W3FIS

--- In x1m_qrp-transceiver@yahoogroups.com, <wb4mnk@...> wrote:

Paul,

Where do I find Ed's Audio Filter ?

73,
Art
WB4MNK

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Not sure if notices are getting out for new file uploads. I uploaded a revised version of the User's Guide this morning. We have included material dealing with the audio filter accessory.

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73 /paul W3FIS

1183. Re: [X1M_QRP-Transceiver] Re: No Audio and intermittent power jack!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-31 17:30:16 UTC
From: Mark Thompson
Topic: 1168 Message: 1183

Check the actual pins on the front panel connections. I had one that was not bent but shoved back and was making intermittent contact. This was causing a problem with output only on USB.
On Aug 31, 2013 12:05 PM, <kelandis@earthlink.net> wrote:

> **
>
>
>
>
> Hi Charlie
>
> Tried reseating the front panel connectors this morning…no change! During
> disassembly I noticed that the volume and tuning control nuts were barely
> finger tight if not loose.. It also appears that , what I assume to be the
> heat sink screw on the bottom has been mistreated..(read galled a bit).
>
> I suspect they are having some Quality Control issues?
>
> Anyway..no word from Ed yet!
>
> A little disappointing as I have the weekend off and no new toys to play
> with!! Hi Hi
>
> Have a Great Holiday!
> 73 de Kent
> N8ZRD
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...>
> wrote:
> >
> > I don't recall this particular problem being discussed . My first
> > thought is to do a general reset .
> >
> > However various other "strange" and stray "not commonly experienced or
> > reported" have been linked to bad connections between the front panel
> > and the board . I would try seating that again to see if the problem
> > goes away . Maybe a shot of Deoxit contact cleaner on the connectors if
> > you have some .
> >
> > Please keep us informed and we will attempt to help you .
> >
> > I have not heard from Ed at all this week , so I suspect he may very
> > well be tied up elsewhere , he is normally very good at answers to my
> > e-mails .
> >

> > Charlie , W5COV
> > On 8/29/2013 5:34 PM, kelandis@... wrote:
> > >
> > > Hello All
> > >
> > > Received my XM1 on the 26th...worked well for 2 days ! Tried to use it
> > > the other nite and there is no audio from the speaker or headphone
> > > jack! Has anyone else had this problem?
> > >
> > > I sent Ed at Import Communications an email to both his addresses on
> > > the 28th but no response yet..maybe he is out of town for the Holiday?
> > >
> > > Any help will be greatly appreciated!
> > > Tnx es 73
> > > Kent
> > > N8ZRD
> > >
> > >
> >
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>
>

1184. Re: [X1M_QRP-Transceiver] Re: X1M-PRO DX Video, my Mods, and a new Firmware feature request...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-31 17:47:15 UTC
From: Ken Downs
Topic: 1158 Message: 1184

Heath,
Not too long ago I purchased a Chinese VHF FM transceiver under the brand name 'TYT'. It does allow the operator to select the functions he prefers for five pushbuttons, giving 15 selectable functions of choice. For each of the five programmable buttons, there is a different function if you push, push and hold 2 sec, or first hit Function then push. The idea of "Push" and "Push and Hold" is used by several manufacturers. The Pro already uses the distinction between "Push" and "Push and Hold" for the Lock/System key. Making the functions programmable would be icing on the cake. Something to consider for the X1M, or maybe the Mk II.
Right now, though, there are other issues which deserve higher priority for the firmware programmer(s).

Ken, W1KRT

1185. Re: [X1M_QRP-Transceiver] Re: No Audio and intermittent power jack!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-31 17:55:50 UTC
From: W5COV
Topic: 1168 Message: 1185

I have experienced the pin problem . One needs to make certain that they are correctly lined up and I even manipulated some of mine to add a little tension to them because some are not a snug fit .

I would NOT recommend ANYONE taking the screw out of the bottom .

IF you do separate the top and bottom boards WARNING WARNING WARNING (I guess this should include the bottom screw in the warning)

Take a VERY VERY careful look at the connector between the two boards . The connector joining the two boards has fewer pins than the connector on the board . It is in a difficult position to see and difficult to reach to manipulate when joining them back , so personally I would advise NOT to separate the boards . You CAN put them back together and EASILY be off by one pin !!! I don't know the consequences of doing that and am not eager to find out . SOOOOOO YOU HAVE BEEN WARNED !!

I am on the road and not returning home until Monday . I do have the PRO with me and am squeezing in some portable style operating with it . Hope to work some of you on SSB .

Charlie , W5COV/0 Buffalo , Missouri

---- Mark Thompson <mhtent@...> wrote:
> Check the actual pins on the front panel connections. I had one that was
> not bent but shoved back and was making intermittent contact. This was
> causing a problem with output only on USB.
> On Aug 31, 2013 12:05 PM, <kelandis@...> wrote:
>
> > **
> >
> >
> >
> >
> > Hi Charlie
> >
> > Tried reseating the front panel connectors this morning…no change! During
> > disassembly I noticed that the volume and tuning control nuts were barely
> > finger tight if not loose.. It also appears that , what I assume to be the
> > heat sink screw on the bottom has been mistreated..(read galled a bit).
> >
> > I suspect they are having some Quality Control issues?
> >
> > Anyway..no word from Ed yet!
> >
> > A little disappointing as I have the weekend off and no new toys to play
> > with!! Hi Hi
> >

> > Have a Great Holiday!
> > 73 de Kent
> > N8ZRD
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...>
> > wrote:
> > >
> > > I don't recall this particular problem being discussed . My first
> > > thought is to do a general reset .
> > >
> > > However various other "strange" and stray "not commonly experienced or
> > > reported" have been linked to bad connections between the front panel
> > > and the board . I would try seating that again to see if the problem
> > > goes away . Maybe a shot of Deoxit contact cleaner on the connectors if
> > > you have some .
> > >
> > > Please keep us informed and we will attempt to help you .
> > >
> > > I have not heard from Ed at all this week , so I suspect he may very
> > > well be tied up elsewhere , he is normally very good at answers to my
> > > e-mails .
> > >
> > > Charlie , W5COV
> > > On 8/29/2013 5:34 PM, kelandis@... wrote:
> > > >
> > > > Hello All
> > > >
> > > > Received my XM1 on the 26th...worked well for 2 days ! Tried to use it
> > > > the other nite and there is no audio from the speaker or headphone
> > > > jack! Has anyone else had this problem?
> > > >
> > > > I sent Ed at Import Communications an email to both his addresses on
> > > > the 28th but no response yet..maybe he is out of town for the Holiday?
> > > >
> > > > Any help will be greatly appreciated!
> > > > Tnx es 73
> > > > Kent
> > > > N8ZRD
> > > >
> > > >
> > >
> > >
> > >

1186. Re: [X1M_QRP-Transceiver] RE: Audio Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-31 18:00:33 UTC
From: W5COV
Topic: 1175 Message: 1186

It is on Ed's page for Import Communications. I think Paul posted the URL . What I have been able to use it so far , it is a nice addition to ANY radio needing additional filtering.

Charlie , W5COV/0

---- wb4mnk@... wrote:

1187. Re: [X1M_QRP-Transceiver] Re: No Audio and intermittent power jack!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-31 18:03:20 UTC
From: W5COV
Topic: 1168 Message: 1187

Hi Kent ,

Can't be of much help on the road . With mute turned off are you hearing the beeps ??

Charlie , W5COV/0

---- kelandis@... wrote:
>
>
> Hi Charlie
>
> Tried reseating the front panel connectors this morning no change! During disassembly I noticed that the volume and tuning control nuts were barely finger tight if not loose.. It also appears that , what I assume to be the heat sink screw on the bottom has been mistreated..(read galled a bit).
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> N8ZRD
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> > > Any help will be greatly appreciated!
> > > Tnx es 73
> > > Kent
> > > N8ZRD
> > >
> > >
> >
>

1188. RE: [X1M_QRP-Transceiver] RE: Audio Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-31 18:04:10 UTC
From: Lee
Topic: 1175 Message: 1188

Has anyone tried this or the NESCAF filter on SSB?

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of deadgoose@...
Sent: Saturday, August 31, 2013 11:54 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Filter

On his web site. see this:

http://www.wouxun.us/item.php?item_id=305
<http://www.wouxun.us/item.php?item_id=305&category_id=65> &category_id=65

I admit to not caring for the finish, or lack thereof, of the front panel, so simply reversed it (to save the lettering, if I didn't like what I had done), deburred the holes a little, and gave it a nice coat of white appliance epoxy, which stick to aluminum. Added vinyl feet so that it wouldn't scratch the X1M, which it is sitting on top of.

Try using Spectrum 2 to take a look at its response.

Looks like a knock-off of NESCAF filter, but really nice packaging.

73 /paul W3FIS

--- In x1m_qrp-transceiver@yahoogroups.com, <wb4mnk@...> wrote:

Paul,

Where do I find Ed's Audio Filter ?

73,

Art

WB4MNK

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73 /paul W3FIS

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NESCAF filter, from what I can determine.

73 /paul W3FIS

1189. Re: No Audio and intermittent power jack!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-31 19:45:12 UTC
From: kelandis@...
Topic: 1168 Message: 1189

No Beeps at power up etc no sounds whatsoever except the relays at power on and band changes.
Kent
N8ZRD

--- In X1M_QRP-Transceiver@yahoogroups.com, W5COV <cvest@...> wrote:
>
> Hi Kent ,
>
> Can't be of much help on the road . With mute turned off are you hearing the beeps ??
>
> Charlie , W5COV/0
>
> ---- kelandis@... wrote:
> >
> >
> > Hi Charlie
> >
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> > Anyway..no word from Ed yet!
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> > Have a Great Holiday!
> > 73 de Kent
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> > > > N8ZRD
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1190. Re: No Audio and intermittent power jack!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-31 19:46:48 UTC
From: kelandis@...
Topic: 1168 Message: 1190

No Beeps at power up etc no sounds whatsoever except the relays at power on and band changes.
Kent
N8ZRD

--- In X1M_QRP-Transceiver@yahoogroups.com, W5COV <cvest@...> wrote:
>
> Hi Kent ,
>
> Can't be of much help on the road . With mute turned off are you hearing the beeps ??
>
> Charlie , W5COV/0
>
> ---- kelandis@... wrote:
> >
> >
> > Hi Charlie
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> > Tried reseating the front panel connectors this morningÂ no change! During disassembly I noticed that the volume and tuning control nuts were barely finger tight if not loose.. It also appears that , what I assume to be the heat sink screw on the bottom has been mistreated..(read galled a bit).
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1191. Re: X1M-PRO DX Video, my Mods, and a new Firmware feature request...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-08-31 23:13:21 UTC
From: John H
Topic: 1158 Message: 1191

Hi Ken, yes I used to live in Australia, I have family there as well as in Europe and I have adapted as well, a 1/2 inch wrench fits a 13 mm bolt and a 9/16 wrench fits a 14 mm bolt. With metric it takes 15 wrenches and with SAE it takes 7-8 wrenches to do the same job. I remember the days before we had these stupid metric cars.
What bothers me is that the only thing they change is the threads on the metric SO-239 in china, everything else is same size no matter how you measure it.

John kd5inm

Sent from my iPod

1192. Re: No Audio and intermittent power jack!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-01 12:16:16 UTC
From: Heath - VK3TWO / VK6TWO
Topic: 1168 Message: 1192

Hi Kent,

I had a bit of a scare with the audio on one of my PRO's. I had it set up on a WSPR frequency for a few days, using the audio out socket on the back. When I removed the cable to do some tests, and I noticed there as no audio out. After trying a few things, replugging and unplugging the cable a few times, the audio eventually came back.

So, if you've had a speaker or phones plugged in, and now you've lost audio, this is what it may be.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
+61 (0) 404 893 178
Website <http://sites.google.com/site/actionman5/>

DSTAR <http://www.dstar.org.au/what_is_dstar.htm> - Co-ordinator (WA)
Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
WA Repeater Group <http://www.warg.org.au> – Committee
WA VHF Group <http://www.wavhfgroup.org.au/> – Committee
Wireless Institute Civil Emergency
Network<http://www.wia.org.au/members/emcom/wicen/>– President &
Technical Officer (WA)
Wireless Institute of Australia <http://www.wia.org.au> – State Advisory
Committee <http://www.wia.org.au/members/advisories/about/> (WA)
Wireless Institute of Australia - State Emergency
Comms<http://www.wia.org.au/members/emcom/about/>co-ordinator (WA)
<spooktech@...> <http://www.spooktech.net>

1193. Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-01 17:38:02 UTC
From: <orders@...>
Topic: 1193 Message: 1193

Man oh Man! Am I loving this little rig! Not because it is perfect and a great value out of the box but for the exact reason I bit the bullet and bought it before it was all polished: Great learning rig! Every time some limit or question is hit I have a reason to go digging and exploring around in the bits that make radios tick. I'll be happy to get my fully functioning rig to actual work on the air but this is a little gem in my eyes for crackin' open the door to learning about radios!

Anyway, my newest exploration is around the audio and SSB and this little fellar. From what Ed has walked me through I'm beating down the path that the radio WILL transmit 5w PEP on SSB .. the mic, gain, compression, preamp, etc are the limiting factor to making this usable out of the box. I'm currently playing down the path that the gain adjustment in the rig will be sufficient if I can compress the audio so more of it is towards the 5W 'section'. During my dive into this sort of theory I can across this little gem of a chip: http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html

Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

I've got plenty more to do to see if this theory will be valid in the x1m and how it all fits together but I'm loving this rig just for giving me framework to explore and ask about this things. Before this little fella and my trying to test if the SSB output was 'good' and if I needed to send it back everything was just words and now its all tying together. Having a ball!

Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

-Chris
KC8MUS

1194. RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-01 17:49:02 UTC
From: <krtdowns@...>
Topic: 1193 Message: 1194

Great attitude, Chris! I'm not familiar with that IC, but it sounds as though it has the functions you are seeking. Reasonable compression will add substantially to your "talk power." Like most things, it can be overdone and degrade your signal. Sounds as though you are tackling the learning opportunities this little rig offers with zest and enthusiasm. Have fun and enjoy the trip!
Ken, W1KRT

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

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-Chris
KC8MUS

1195. RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-01 18:59:33 UTC
From: <orders@...>
Topic: 1193 Message: 1195

Thank Ken! Yup I'm thinking with 5 w I'm going to want the most talk power for the punch of my voice. Although I haven't done the math to see the difference between 0.5w and 5w. if my db brain remembers it probably isn't that much ! much like the difference between 5w and 100w ;) But I suspect it is bigger if I compare 0.5 w to 100w ;) And the goal is to get it as compressed and gained right to point before degrading! And we will see where that lands me! And to top that off the neighbor in the new apartment is really sensitive to me talking at night -- she has come twice at 1am to ask me to keep it down while conversing with a friend at lower than normal voices already. So the more punch I can get out of the mic at lower levels the more I can work in the nighhhhhhht!

And thanks for the thumbs up I'm loving the trip!
-Chris

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-Chris
KC8MUS

1196. Waiting for the X1M Platinum.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-01 19:15:52 UTC
From: kf9cm
Topic: 598 Message: 1196

Is anyone getting any X1M Platinum's out of Kight Radio?

1197. Re: Waiting for the X1M Platinum.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-01 19:20:05 UTC
From: John Golub
Topic: 598 Message: 1197

Hello,

I'm still waiting on word. I got a reply from Dale on August 20th:

"They sent Ed only half of what was ordered. We should have some within a week or less. We have been pulling our hair out waiting on these. I will be in touch soon
Dale"

So yeah, just waiting.
John G.
KC8JZO

--- In X1M_QRP-Transceiver@yahoogroups.com, "kf9cm" <Gary@...> wrote:
>
> Is anyone getting any X1M Platinum's out of Kight Radio?
>

1198. RE: Waiting for the X1M Platinum.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-01 20:19:33 UTC
From: <orders@...>
Topic: 598 Message: 1198

Hurry up and wait. It's the worst. Hope yours arrives soon! I'm having a blast exploring and playing with this little sucker.
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <johnkc8jzo@...> wrote:

Hello,

I'm still waiting on word. I got a reply from Dale on August 20th:

"They sent Ed only half of what was ordered. We should have some within a week or less. We have been pulling our hair out waiting on these. I will be in touch soon
Dale"

So yeah, just waiting.
John G.
KC8JZO

--- In X1M_QRP-Transceiver@yahoogroups.com, "kf9cm" <Gary@...> wrote:
>
> Is anyone getting any X1M Platinum's out of Kight Radio?
>

1199. Re: Waiting for the X1M Platinum.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-01 20:29:27 UTC
From: kf9cm
Topic: 598 Message: 1199

I've sent back 2 of them.

1200. Re: Waiting for the X1M Platinum.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-01 21:39:49 UTC
From: John Golub
Topic: 598 Message: 1200

Hope it arrives soon, too. The first one came DOA, so I never had a chance to even play with it. This was back in mid May, mind you.

John G.

1201. Re: Still no X1M in Germany!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-02 05:09:52 UTC
From: Andy
Topic: 921 Message: 1201

I am still waiting. Shouid have arrived at the end of August...

73 Andy DC3AFA

> Hi Andy.
>
> I hope you get your radio soon. I know what it is like to be waiting while others already have their new toys!
>
> I am still waiting for mine to reach me here in Australia. I ordered it from Kightradio.com months ago.
>
> 73,
>
> David Harvey, VK2DMH
> SKCC #10617, FP #3184, NAQCC #6734
>
> Mobile: 0405 939 431
> Home: +61 (0)2 9875 1203
> email: gedanate@...
> web: www.davidharveysydney.com
> blog: http://low-fat-food-is-a-lie.blogspot.com.au/
> other: http://walkietalkietwowayradios.com/
>

1202. IF Offset / USB BFO / LSB BFO settings

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-02 07:57:20 UTC
From: Heath - VK3TWO / VK6TWO
Topic: 1202 Message: 1202

Hi all,

I've just uploaded a new alignment proceedure in the files
section<http://f1.grp.yahoofs.com/v1/3EMkUtBIdR5OTqoTtXq5iz30Yj3d0ghrelhHZiJ84HpSLYWHGQuUSba0WdyD2eV_IaIU8GAxQLJyfsSw4xp0921A4g/Manuals/X1M%20PRO%20-%20Alignment%20Procedure%20%28LSB%20Fix%29%20-%20By%20Heath%20VK3TWO%20-%20V1.>
.

It details a VERY EASY method of fixing the LSB BFO problem, and aligning
the IF Offset.

Please give it a try and let me know what you think. Any suggestions
welcome.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
+61 (0) 404 893 178
Website <http://sites.google.com/site/actionman5/>

DSTAR <http://www.dstar.org.au/what_is_dstar.htm> - Co-ordinator (WA)
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Network<http://www.wia.org.au/members/emcom/wicen/>– President &
Technical Officer (WA)
Wireless Institute of Australia <http://www.wia.org.au> – State Advisory
Committee <http://www.wia.org.au/members/advisories/about/> (WA)
Wireless Institute of Australia - State Emergency
Comms<http://www.wia.org.au/members/emcom/about/>co-ordinator (WA)
<spooktech@...> <http://www.spooktech.net>

1203. RE: IF Offset / USB BFO / LSB BFO settings

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-02 16:47:15 UTC
From: <orders@...>
Topic: 1202 Message: 1203

Hi Heath,

This procedure looks great!!! Thanks for putting the time and thought into a procedure for those of us that don't have an extensive test bench! I'll give it a go and let you know how it goes for me.

I'm actually excited about dialing this all in with your procedure so that is something!

-Chris
KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <vk3two@...> wrote:

Hi all,

I've just uploaded a new alignment proceedure in the files section (http://f1.grp.yahoofs.com/v1/3EMkUtBIdR5OTqoTtXq5iz30Yj3d0ghrelhHZiJ84HpSLYWHGQuUSba0WdyD2eV_IaIU8GAxQLJyfsSw4xp0921A4g/Manuals/X1M%20PRO%20-%20Alignment%20Procedure%20%28LSB%20Fix%29%20-%20By%20Heath%20VK3TWO%20-%20V1.).

It details a VERY EASY method of fixing the LSB BFO problem, and aligning the IF Offset.

Please give it a try and let me know what you think. Any suggestions welcome.

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(http://www.spooktech.net)

1204. RE: Waiting for the X1M Platinum.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-02 16:49:15 UTC
From: <orders@...>
Topic: 598 Message: 1204

John -

I totally hear you! My first one showed up partially working. USB worked CW didn't and some things were lose and rattling about. So it went back. Not being able to fully play is a killer.

Hope yours arrives soon as May is a long time in the tooth to be waiting!!!!
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <johnkc8jzo@...> wrote:

Hope it arrives soon, too. The first one came DOA, so I never had a chance to even play with it. This was back in mid May, mind you.

John G.

1205. Alignment Procedure (LSB Fix) on Youtube

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-02 16:50:51 UTC
From: Heath - VK3TWO / VK6TWO
Topic: 1205 Message: 1205

Alignment Procedure on Youtube http://youtu.be/EUO_AgRh7H4

This can be found in the links area, and the files area (for the pdf version).

73's

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Network<http://www.wia.org.au/members/emcom/wicen/>– President &
Technical Officer (WA)
Wireless Institute of Australia <http://www.wia.org.au> – State Advisory
Committee <http://www.wia.org.au/members/advisories/about/> (WA)
Wireless Institute of Australia - State Emergency
Comms<http://www.wia.org.au/members/emcom/about/>co-ordinator (WA)
<spooktech@...> <http://www.spooktech.net>

1206. RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-02 16:54:12 UTC
From: <orders@...>
Topic: 1193 Message: 1206

The more and more I look at this the more and more I want to play with little chip but it is in a tiny tiny MSOP package. And my soldering skills/hand steadiness is NO WHERE near close enough to jump right in. Anyone have a great easy way to put an MSOP chip onto a breadboard or anything like that? I've seen some 'easy' convertors for SMD chips but none for MSOP -- and I guess I haven't looked to see if they would work. Anyway -- if anyone has any great suggestions I'd appreciate it!

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Thank Ken! Yup I'm thinking with 5 w I'm going to want the most talk power for the punch of my voice. Although I haven't done the math to see the difference between 0.5w and 5w. if my db brain remembers it probably isn't that much ! much like the difference between 5w and 100w ;) But I suspect it is bigger if I compare 0.5 w to 100w ;) And the goal is to get it as compressed and gained right to point before degrading! And we will see where that lands me! And to top that off the neighbor in the new apartment is really sensitive to me talking at night -- she has come twice at 1am to ask me to keep it down while conversing with a friend at lower than normal voices already. So the more punch I can get out of the mic at lower levels the more I can work in the nighhhhhhht!

And thanks for the thumbs up I'm loving the trip!
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <krtdowns@...> wrote:

Great attitude, Chris! I'm not familiar with that IC, but it sounds as though it has the functions you are seeking. Reasonable compression will add substantially to your "talk power." Like most things, it can be overdone and degrade your signal. Sounds as though you are tackling the learning opportunities this little rig offers with zest and enthusiasm. Have fun and enjoy the trip!
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Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

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-Chris
KC8MUS

1207. RE: Alignment Procedure (LSB Fix) on Youtube

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-02 17:32:12 UTC
From: <orders@...>
Topic: 1205 Message: 1207

Thanks Heath!

It's great to see folks with a well stocked bench helping those of us out that aren't so well prepared for the DIY aspect of this fun little rig! I haven't given mine a good alignment yet so I'll give it a whirl and see how it goes.

-Chris
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--- In x1m_qrp-transceiver@yahoogroups.com, <vk3two@...> wrote:

Alignment Procedure on YoutubeÂ http://youtu.be/EUO_AgRh7H4

This can be found in the links area, and the files area (for the pdf version).

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(http://www.spooktech.net)

1208. RE: RE: Alignment Procedure (LSB Fix) on Youtube

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-02 17:34:38 UTC
From: <orders@...>
Topic: 1205 Message: 1208

Opps! Sorry about the double message essentially! I didn't realize it was 2 threads and assumed the first one hadn't gone through.

Sorry folks!
-Chris
KC8MUS

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

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1209. RE: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-02 18:14:39 UTC
From: Lee
Topic: 1193 Message: 1209

I ordered 2 of the chips on eBay, just in case I kill one, and some chip adapter boards from the same seller. Put item number 181138215223 in the search box to see then.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, September 02, 2013 11:54 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

The more and more I look at this the more and more I want to play with little chip but it is in a tiny tiny MSOP package. And my soldering skills/hand steadiness is NO WHERE near close enough to jump right in. Anyone have a great easy way to put an MSOP chip onto a breadboard or anything like that? I've seen some 'easy' convertors for SMD chips but none for MSOP -- and I guess I haven't looked to see if they would work. Anyway -- if anyone has any great suggestions I'd appreciate it!

-Chris

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http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html

Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

I've got plenty more to do to see if this theory will be valid in the x1m and how it all fits together but I'm loving this rig just for giving me framework to explore and ask about this things. Before this little fella and my trying to test if the SSB output was 'good' and if I needed to send it back everything was just words and now its all tying together. Having a ball!

Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

-Chris

KC8MUS

1210. RE: [X1M_QRP-Transceiver] Alignment Procedure (LSB Fix) on Youtube

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-02 20:54:15 UTC
From: Lee
Topic: 1205 Message: 1210

Thank you for your work, Heath. First I watched the video and then did the alignment using the pdf. It was perfect for us that do not have a lot of equipment

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Heath - VK3TWO / VK6TWO
Sent: Monday, September 02, 2013 11:51 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Alignment Procedure (LSB Fix) on Youtube

Alignment Procedure on Youtube http://youtu.be/EUO_AgRh7H4

This can be found in the links area, and the files area (for the pdf version).

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
VK3TWO Website <http://sites.google.com/site/actionman5/>

DSTAR <http://www.dstar.org.au/what_is_dstar.htm> - Co-ordinator (WA)
Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
WA Repeater Group <http://www.warg.org.au> - Committee
WA VHF Group <http://www.wavhfgroup.org.au/> - Committee
Wireless Institute Civil Emergency Network <http://www.wia.org.au/members/emcom/wicen/> - President & Technical Officer (WA)
Wireless Institute of Australia <http://www.wia.org.au> - State Advisory Committee <http://www.wia.org.au/members/advisories/about/> (WA)
Wireless Institute of Australia - State Emergency Comms <http://www.wia.org.au/members/emcom/about/> co-ordinator (WA)

1211. Re: Waiting for the X1M Platinum.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-02 21:32:16 UTC
From: John Golub
Topic: 598 Message: 1211

Hello Chris,
Yep, I've been chomping at the bit to get my replacement. The first one had a bent pin in a front face connector. I probably could've fixed it myself, but when a warranty is involved it goes back. As for the length of time, yeah . . . I'm patient. But I've never had to wait this long for an order or replacement before. You can't blame the seller in this case though. Never the less, the wait is frustrating.

John

1212. RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-03 00:33:14 UTC
From: <orders@...>
Topic: 1193 Message: 1212

Great Lee! I'll check those out and it is good to have a partner in crime on this one!

I've been laying out my circuit in fritzing (http://fritzing.org/download/) as I figure out what components I need. It isn't a circuit simulator but just a documentation tool. I'm using it like a big note pad as I add bits and keep track of what I think I'm going to need. There is more than just 2 extra resistors needed there are a caps that need to be in the circuit too and it runs at 3v so a 3v regulator will be needed...

According to someone else they measured the line voltage as 7v into the hand mic. So I'm hoping that the 2ma it draws at 3v works and doesn't add grief. Then it is a preamp WITH the compression and noise floor options... so it might be a matter of turning down the internal gain if it comes to that.

That is where I am at in my brain as I read over the spec sheet. Look forward to hearing your results, etc!
And I'm gonna go look at getting some parts on order too...
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> wrote:

I ordered 2 of the chips on eBay, just in case I kill one, and some chip adapter boards from the same seller.Â Â Put item number 181138215223 in the search box to see then.Â

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, September 02, 2013 11:54 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

The more and more I look at this the more and more I want to play with little chip but it is in a tiny tiny MSOP package. And my soldering skills/hand steadiness is NO WHERE near close enough to jump right in. Anyone have a great easy way to put an MSOP chip onto a breadboard or anything like that? I've seen some 'easy' convertors for SMD chips but none for MSOP -- and I guess I haven't looked to see if they would work. Anyway -- if anyone has any great suggestions I'd appreciate it!

-Chris

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Thank Ken! Yup I'm thinking with 5 w I'm going to want the most talk power for the punch of my voice. Although I haven't done the math to see the difference between 0.5w and 5w. if my db brain remembers it probably isn't that much ! much like the difference between 5w and 100w ;) But I suspect it is bigger if I compare 0.5 w to 100w ;) And the goal is to get it as compressed and gained right to point before degrading! And we will see where that lands me! And to top that off the neighbor in the new apartment is really sensitive to me talking at night -- she has come twice at 1am to ask me to keep it down while conversing with a

friend at lower than normal voices already. So the more punch I can get out of the mic at lower levels the more I can work in the nighhhhhhht!

And thanks for the thumbs up I'm loving the trip!
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <krtdowns@...> wrote:
Great attitude, Chris! I'm not familiar with that IC, but it sounds as though it has the functions you are seeking. Reasonable compression will add substantially to your "talk power." Like most things, it can be overdone and degrade your signal. Sounds as though you are tackling the learning opportunities this little rig offers with zest and enthusiasm. Have fun and enjoy the trip!
Ken, W1KRT

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Man oh Man! Am I loving this little rig! Not because it is perfect and a great value out of the box but for the exact reason I bit the bullet and bought it before it was all polished: Great learning rig! Every time some limit or question is hit I have a reason to go digging and exploring around in the bits that make radios tick. I'll be happy to get my fully functioning rig to actual work on the air but this is a little gem in my eyes for crackin' open the door to learning about radios!

Anyway, my newest exploration is around the audio and SSB and this little fellar. From what Ed has walked me through I'm beating down the path that the radio WILL transmit 5w PEP on SSB .. the mic, gain, compression, preamp, etc are the limiting factor to making this usable out of the box. I'm currently playing down the path that the gain adjustment in the rig will be sufficient if I can compress the audio so more of it is towards the 5W 'section'. During my dive into this sort of theory I can across this little gem of a chip: http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html

Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

I've got plenty more to do to see if this theory will be valid in the x1m and how it all fits together but I'm loving this rig just for giving me framework to explore and ask about this things. Before this little fella and my trying to test if the SSB output was 'good' and if I needed to send it back everything was just words and now its all tying together. Having a ball!

Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

-Chris
KC8MUS

1213. RE: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-03 01:02:52 UTC
From: Lee
Topic: 1193 Message: 1213

It looks like the maximum voltage is 5.5 so a 78L05 should work for us.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, September 02, 2013 7:33 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Great Lee! I'll check those out and it is good to have a partner in crime on this one!

I've been laying out my circuit in fritzing (http://fritzing.org/download/) as I figure out what components I need. It isn't a circuit simulator but just a documentation tool. I'm using it like a big note pad as I add bits and keep track of what I think I'm going to need. There is more than just 2 extra resistors needed there are a caps that need to be in the circuit too and it runs at 3v so a 3v regulator will be needed...

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That is where I am at in my brain as I read over the spec sheet. Look forward to hearing your results, etc!

And I'm gonna go look at getting some parts on order too...

-Chris

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Sent: Monday, September 02, 2013 11:54 AM
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Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

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And thanks for the thumbs up I'm loving the trip!

-Chris

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-Chris

KC8MUS

1214. RE: RE: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-03 02:23:27 UTC
From: <r-mason@...>
Topic: 1193 Message: 1214

Hi Group,
Might want to take a look at the compressor that Phil Salas built for his Ft-817 using the SSM2165 chip. May give you some ideas.. Here is the link to his web page:
http://www.ad5x.com/articles.htm

Look down the page to "Miscellaneous" and see the entry "Speech Compressor for Dynamic Microphones (http://www.ad5x.com/images/Articles/SSM2165.pdf)".

I believe there are still some of the DIP versions for sale on eBay, which are a lot easier to work with than the SMD size chips.
73,
Roger
N4HSI

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

It looks like the maximum voltage is 5.5 so a 78L05 should work for us.

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Sent: Monday, September 02, 2013 7:33 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

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And thanks for the thumbs up I'm loving the trip!
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-Chris
KC8MUS

1215. Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-03 05:18:55 UTC
From: Bill Maxwell
Topic: 1193 Message: 1215

Didn't see the chips in that seller's store, Lee. Can you give us the item number for them, please.

Bill, VK7MX
On 3/09/2013 4:14 AM, Lee wrote:
>
>
> I ordered 2 of the chips on eBay, just in case I kill one, and some
> chip adapter boards from the same seller. Put item number
> 181138215223 in the search box to see then.
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of
> *orders@...
> *Sent:* Monday, September 02, 2013 11:54 AM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory
> Circuit' Idea to Increase SSB Output
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> little chip but it is in a tiny tiny MSOP package. And my soldering
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> <mailto:x1m_qrp-transceiver@yahoogroups.com>, <orders@...
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> -Chris
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> -Chris
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> KC8MUS
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1216. RE: RE: RE: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-03 06:57:45 UTC
From: <orders@...>
Topic: 1193 Message: 1216

Thanks for that link Roger! Inline that is exactly where I was dreaming down! I saw that chip line but saw that it was discountinued -- never thought to ask mr old ebay if they had any laying around. Looks like it does although for a price premium:

http://www.ebay.com/itm/AD-SSM2165-1P-DIP-8-Microphone-Preamplifier-with-Variable-/271220069021?pt=LH_DefaultDomain_0&hash=item3f25f9d29d

9+4 shipping for 1!

Also -- that might give us some places to start in few of the values in regards to how much gain to put into it.

-Chris
KC8MUS

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Hi Group,
Might want to take a look at the compressor that Phil Salas built for his Ft-817 using the SSM2165 chip. May give you some ideas.. Here is the link to his web page:
http://www.ad5x.com/articles.htm

Look down the page to "Miscellaneous" and see the entry "Speech Compressor for Dynamic Microphones (http://www.ad5x.com/images/Articles/SSM2165.pdf)".

I believe there are still some of the DIP versions for sale on eBay, which are a lot easier to work with than the SMD size chips.
73,
Roger
N4HSI

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

It looks like the maximum voltage is 5.5 so a 78L05 should work for us.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, September 02, 2013 7:33 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Great Lee! I'll check those out and it is good to have a partner in crime on this one!

I've been laying out my circuit in fritzing (http://fritzing.org/download/) as I figure out what components I need. It isn't a circuit simulator but just a documentation tool. I'm using it like a big note pad as I add bits and keep track of what I think I'm going to

need. There is more than just 2 extra resistors needed there are a caps that need to be in the circuit too and it runs at 3v so a 3v regulator will be needed...

According to someone else they measured the line voltage as 7v into the hand mic. So I'm hoping that the 2ma it draws at 3v works and doesn't add grief. Then it is a preamp WITH the compression and noise floor options... so it might be a matter of turning down the internal gain if it comes to that.

That is where I am at in my brain as I read over the spec sheet. Look forward to hearing your results, etc!
And I'm gonna go look at getting some parts on order too...
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> wrote:
I ordered 2 of the chips on eBay, just in case I kill one, and some chip adapter boards from the same seller.ÃÂ
ÃÂ Put item number 181138215223 in the search box to see then.ÃÂ

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And thanks for the thumbs up I'm loving the trip!
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Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

-Chris
KC8MUS

1217. RE: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-03 13:05:13 UTC
From: Lee
Topic: 1193 Message: 1217

Oops, my mistake. I bought mine from a different seller 190593669424 Must be old timers disease kicking in again.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Bill Maxwell
Sent: Tuesday, September 03, 2013 12:19 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Didn't see the chips in that seller's store, Lee. Can you give us the item number for them, please.

Bill, VK7MX

On 3/09/2013 4:14 AM, Lee wrote:

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Sent: Monday, September 02, 2013 11:54 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

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at night -- she has come twice at 1am to ask me to keep it down while conversing with a friend at lower than normal voices already. So the more punch I can get out of the mic at lower levels the more I can work in the nighhhhhhht!

And thanks for the thumbs up I'm loving the trip!

-Chris

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Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

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Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

-Chris

KC8MUS

1218. RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-03 14:04:28 UTC
From: <orders@...>
Topic: 1193 Message: 1218

I ran across another option last night....

http://www.proto-advantage.com/store/product_info.php?products_id=2200031

Its a MSOP to DIP coverter kit -- but the cool thing is you can have them order your IC from digikey and mount it on the board for you. It looks like to get the current SSM2167 the total cost is about $19 shipped. Which is what most sellers are selling the older model in a dip package on ebay for -- that one I posted earlier being the exception at like 14.

I really don't love the idea of designing as new circuit around an end of lifed chip so I'm thinking I'm going to look at getting on premounted for proof-of-concept step 1. Then if it works great -- figure out how to make it smaller and better suited to inline work if the adaptor board doesn't.

Thought I'd share that with the group.
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> wrote:

Oops, my mistake.Â I bought mine from a different seller 190593669424Â Must be old timers disease kicking in again.

Lee â☐☐ N9LO

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Sent: Tuesday, September 03, 2013 12:19 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

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-Chris
KC8MUS

1219. RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-03 14:07:33 UTC
From: <orders@...>
Topic: 1193 Message: 1219

BTW digikey part number for the SSM2167 is SSM2167-1RMZ-REELCT-ND (http://www.digikey.com/product-detail/en/SSM2167-1RMZ-REEL/SSM2167-1RMZ-REELCT-ND/1628139)

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Sent: Tuesday, September 03, 2013 12:19 AM
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Subject: Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

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-Chris
KC8MUS

1220. XM-1 Opposite Sideband Energy

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-03 14:37:48 UTC
From: Dale
Topic: 1220 Message: 1220

Has anyone else looked at, say USB while operating LSB on a spectrum analyzer?

I did so briefly- I was doing a test set up for something else and took a quick look on the spectrum analyzer. It showed that the TX audio was a bit restricted- no surprise there with the mic that comes with the rig, but there was a lot of USB energy when I was on LSB. I have the IF set close to the 1100Hz offsets. Something to look into. We are not likely to get QRM reports with the 5W of power but, if true, this is wasted energy well outside of the receiving station's passband.

Dale W4OP

1221. EUROPEAN DEALER QUESTION

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-03 17:17:22 UTC
From: Charlie , W5COV
Topic: 1221 Message: 1221

I posted the information about this being a great transceiver for those of us that use the experimental bands below 2 MHz.
on my Yahoo group part15 (no space between part and 15). One guy from the USA in Arizona jumped on it and ordered one and several others are looking at it , because even as it is it works fine for even CW beacon use and now can serve as an exciter for many of our experimental modes and on those bands SSB is a bonus .

I had another inquiry this morning from a member in Europe , the UK , that wants to buy one , but doesn't know if there is a dealer/distributor for Europe and who it is so he can buy one too .

Any help would be appreciated , "our season" starts the 1 st of September . Pretty solid simple method of the true active , successful months that define our season . ONLY the months with an "R" in their spelling are truly useful , especially for those of us that hang around the part 15 experimental "watering hole" 185.300 kHz. with most stations running QRSS60 and a few running QRSS30 .

Activity on 2200 meters , 1750 meters , and 630 meters . You can find out more at www.lwca.org The X1M has impressed me so far with what I have heard on 630 meters . Looking forward to the 1750 meter beacons getting back on the air for winter to see how it does there . They are VERY restricted under part 15 , but simple , cheap and easy to get on. My beacon with 1 watt INPUT has been captured with ARGO and Spectrum Lab , out to 1500 miles .There is also 4,000 Meters , but it is below 100 kHz. so the X1M doesn't quite go that low .

73 , Charlie , W5COV

1222. Still no output on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-03 17:29:02 UTC
From: Mark Thompson
Topic: 1222 Message: 1222

Well, I thought I resolved the problem when I found an intermittent contact between the front display board and the upper main board. Was working great but it now seems like when it warms up the output is once again greatly decreased to 1 watt or less. From cold it works fine but after about 20 minutes even in just receive, I loose my output on SSB. Any ideas before I pack it up and send it back to Ed?
Tnx & 73
Mark (KV8T)

1223. Re: [X1M_QRP-Transceiver] Still no output on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-03 17:41:53 UTC
From: Charlie , W5COV
Topic: 1222 Message: 1223

One thought and it may not do any good at all , but have you tried adjusting the mic gain ? Very touchy just one really "sweet spot" on my control .

Charlie , W5COV

On 9/3/2013 12:29 PM, Mark Thompson wrote:
>
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> contact between the front display board and the upper main board. Was
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> Mark (KV8T)
>
>

1224. RE: EUROPEAN DEALER QUESTION

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-03 18:38:26 UTC
From: <squirrox@...>
Topic: 1221 Message: 1224

Hi Charlie,

Do you happen to know who is the dealer in the USA and if they have stocks? I am interested in getting one shipped to the UK as we don't seem to have a dealer here.

73s Steve G0XAR

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Activity on 2200 meters , 1750 meters , and 630 meters . You can find out more at www.lwca.org The X1M has impressed me so far with what I have heard on 630 meters . Looking forward to the 1750 meter beacons getting back on the air for winter to see how it does there . They are VERY restricted under part 15 , but simple , cheap and easy to get on. My beacon with 1 watt INPUT has been captured with ARGO and Spectrum Lab , out to 1500 miles .There is also 4,000 Meters , but it is below 100 kHz. so the X1M doesn't quite go that low .

73 , Charlie , W5COV

1225. Re: [X1M_QRP-Transceiver] RE: EUROPEAN DEALER QUESTION

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-03 20:18:50 UTC
From: Charlie , W5COV
Topic: 1221 Message: 1225

Hi Steve ,

The dealer here is www.importcommunications.com , Ed Griffin . I "think" he has stock .

Charlie , W5COV
On 9/3/2013 1:38 PM, squirrox@... wrote:
>
> Hi Charlie,
>
>
> Do you happen to know who is the dealer in the USA and if they have
> stocks? I am interested in getting one shipped to the UK as we don't
> seem to have a dealer here.
>
>
> 73s Steve G0XAR
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com,
> <x1m_qrp-transceiver@yahoogroups.com> wrote:
>
> I posted the information about this being a great transceiver for those
> of us that use the experimental bands below 2 MHz.
> on my Yahoo group part15 (no space between part and 15). One guy from
> the USA in Arizona jumped on it and ordered one and several others are
> looking at it , because even as it is it works fine for even CW beacon
> use and now can serve as an exciter for many of our experimental modes
> and on those bands SSB is a bonus .
>
> I had another inquiry this morning from a member in Europe , the UK ,
> that wants to buy one , but doesn't know if there is a
> dealer/distributor for Europe and who it is so he can buy one too .
>
> Any help would be appreciated , "our season" starts the 1 st of
> September . Pretty solid simple method of the true active , successful
> months that define our season . ONLY the months with an "R" in their
> spelling are truly useful , especially for those of us that hang around
> the part 15 experimental "watering hole" 185.300 kHz. with most stations
> running QRSS60 and a few running QRSS30 .
>
> Activity on 2200 meters , 1750 meters , and 630 meters . You can find
> out more at www.lwca.org The X1M has impressed me so far with what I
> have heard on 630 meters . Looking forward to the 1750 meter beacons

> getting back on the air for winter to see how it does there . They are
> VERY restricted under part 15 , but simple , cheap and easy to get on.
> My beacon with 1 watt INPUT has been captured with ARGO and Spectrum Lab
> , out to 1500 miles .There is also 4,000 Meters , but it is below 100
> kHz. so the X1M doesn't quite go that low .
>
> 73 , Charlie , W5COV
>

1226. Re: [X1M_QRP-Transceiver] RE: EUROPEAN DEALER QUESTION

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-03 20:33:55 UTC
From: Charlie , W5COV
Topic: 1221 Message: 1226

Hi Steve ,

I just talked to the USA dealer and he has them in stock . His URL is
www.importcommunications.com
His name is Ed Griffin .

Charlie , W5COV

On 9/3/2013 1:38 PM, squirrox@... wrote:
>
> Hi Charlie,
>
>
> Do you happen to know who is the dealer in the USA and if they have
> stocks? I am interested in getting one shipped to the UK as we don't
> seem to have a dealer here.
>
>
> 73s Steve G0XAR
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com,
> <x1m_qrp-transceiver@yahoogroups.com> wrote:
>
> I posted the information about this being a great transceiver for those
> of us that use the experimental bands below 2 MHz.
> on my Yahoo group part15 (no space between part and 15). One guy from
> the USA in Arizona jumped on it and ordered one and several others are
> looking at it , because even as it is it works fine for even CW beacon
> use and now can serve as an exciter for many of our experimental modes
> and on those bands SSB is a bonus .
>
> I had another inquiry this morning from a member in Europe , the UK ,
> that wants to buy one , but doesn't know if there is a
> dealer/distributor for Europe and who it is so he can buy one too .
>
> Any help would be appreciated , "our season" starts the 1 st of
> September . Pretty solid simple method of the true active , successful
> months that define our season . ONLY the months with an "R" in their
> spelling are truly useful , especially for those of us that hang around
> the part 15 experimental "watering hole" 185.300 kHz. with most stations
> running QRSS60 and a few running QRSS30 .
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> Activity on 2200 meters , 1750 meters , and 630 meters . You can find
> out more at www.lwca.org The X1M has impressed me so far with what I

> have heard on 630 meters . Looking forward to the 1750 meter beacons
> getting back on the air for winter to see how it does there . They are
> VERY restricted under part 15 , but simple , cheap and easy to get on.
> My beacon with 1 watt INPUT has been captured with ARGO and Spectrum Lab
> , out to 1500 miles .There is also 4,000 Meters , but it is below 100
> kHz. so the X1M doesn't quite go that low .
>
> 73 , Charlie , W5COV
>

1227. RE: Re: [X1M_QRP-Transceiver] RE: EUROPEAN DEALER QUESTION

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-03 20:49:11 UTC
From: <squirrox@...>
Topic: 1221 Message: 1227

Charlie,

Thanks, I owe you a beer!

73s Steve

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Hi Steve ,

I just talked to the USA dealer and he has them in stock . His URL is
www.importcommunications.com (http://www.importcommunications.com)
His name is Ed Griffin .

Charlie , W5COV

On 9/3/2013 1:38 PM, squirrox@... wrote:

Hi Charlie,

Do you happen to know who is the dealer in the USA and if they have stocks? I am interested in getting one shipped to the UK as we don't seem to have a dealer here.

73s Steve G0XAR

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

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of us that use the experimental bands below 2 MHz.
on my Yahoo group part15 (no space between part and 15). One guy from
the USA in Arizona jumped on it and ordered one and several others are
looking at it , because even as it is it works fine for even CW beacon
use and now can serve as an exciter for many of our experimental modes
and on those bands SSB is a bonus .

I had another inquiry this morning from a member in Europe , the UK ,
that wants to buy one , but doesn't know if there is a
dealer/distributor for Europe and who it is so he can buy one too .

Any help would be appreciated , "our season" starts the 1 st of
September . Pretty solid simple method of the true active , successful
months that define our season . ONLY the months with an "R" in their
spelling are truly useful , especially for those of us that hang around
the part 15 experimental "watering hole" 185.300 kHz. with most stations
running QRSS60 and a few running QRSS30 .

Activity on 2200 meters , 1750 meters , and 630 meters . You can find
out more at www.lwca.org (http://www.lwca.org) The X1M has impressed me so far with what I
have heard on 630 meters . Looking forward to the 1750 meter beacons

getting back on the air for winter to see how it does there . They are VERY restricted under part 15 , but simple , cheap and easy to get on. My beacon with 1 watt INPUT has been captured with ARGO and Spectrum Lab , out to 1500 miles .There is also 4,000 Meters , but it is below 100 kHz. so the X1M doesn't quite go that low .

73 , Charlie , W5COV

1228. Re: [X1M_QRP-Transceiver] RE: EUROPEAN DEALER QUESTION

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-03 20:51:05 UTC
From: Charlie , W5COV
Topic: 1221 Message: 1228

lol I'll take you up on that next time I am there if it is trivia night
at the pub .

Charlie

On 9/3/2013 3:49 PM, squirrox@... wrote:
>
> Charlie,
>
>
> Thanks, I owe you a beer!
>
>
> 73s Steve
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com,
> <x1m_qrp-transceiver@yahoogroups.com> wrote:
>
> Hi Steve ,
>
> I just talked to the USA dealer and he has them in stock . His URL is
> www.importcommunications.com <http://www.importcommunications.com>
> His name is Ed Griffin .
>
> Charlie , W5COV
>
>
> On 9/3/2013 1:38 PM, squirrox@... wrote:
>
> Hi Charlie,
>
>
> Do you happen to know who is the dealer in the USA and if they
> have stocks? I am interested in getting one shipped to the UK as
> we don't seem to have a dealer here.
>
>
> 73s Steve G0XAR
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com,
> <x1m_qrp-transceiver@yahoogroups.com> wrote:

>
> I posted the information about this being a great transceiver for
> those
> of us that use the experimental bands below 2 MHz.
> on my Yahoo group part15 (no space between part and 15). One guy
> from
> the USA in Arizona jumped on it and ordered one and several others
> are
> looking at it , because even as it is it works fine for even CW
> beacon
> use and now can serve as an exciter for many of our experimental
> modes
> and on those bands SSB is a bonus .
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> I had another inquiry this morning from a member in Europe , the UK ,
> that wants to buy one , but doesn't know if there is a
> dealer/distributor for Europe and who it is so he can buy one too .
>
> Any help would be appreciated , "our season" starts the 1 st of
> September . Pretty solid simple method of the true active ,
> successful
> months that define our season . ONLY the months with an "R" in their
> spelling are truly useful , especially for those of us that hang
> around
> the part 15 experimental "watering hole" 185.300 kHz. with most
> stations
> running QRSS60 and a few running QRSS30 .
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> Activity on 2200 meters , 1750 meters , and 630 meters . You can find
> out more at www.lwca.org <http://www.lwca.org> The X1M has
> impressed me so far with what I
> have heard on 630 meters . Looking forward to the 1750 meter beacons
> getting back on the air for winter to see how it does there . They
> are
> VERY restricted under part 15 , but simple , cheap and easy to get
> on.
> My beacon with 1 watt INPUT has been captured with ARGO and
> Spectrum Lab
> , out to 1500 miles .There is also 4,000 Meters , but it is below 100
> kHz. so the X1M doesn't quite go that low .
>
> 73 , Charlie , W5COV
>
>
>

1229. RE: XM-1 Opposite Sideband Energy

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 01:28:32 UTC
From: <w9rws@...>
Topic: 1220 Message: 1229

The only way I could get really good opposite sideband surpression was to move one of the sideband offsets much more than 1100 off to the side of the center IF filter setting. Looked good on the Flex spectrum scope and sounded nice and crisp also, but with it that far off center, could never get the opposite sideband readout to sync up and still sound good, so just balanced upper and lower to look and sound pretty much equal with the same surpression and left it with that compromise (IF set at 99650 and SSB offsets about 1150 off center). Could get surpression on both sidebands but then of course readout was bad on one. Guess that's the best we can do with that filter, but I agree there is energy wasted out there.
If anyone figures out something will try it.
RWS

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Has anyone else looked at, say USB while operating LSB on a spectrum analyzer?

I did so briefly- I was doing a test set up for something else and took a quick look on the spectrum analyzer. It showed that the TX audio was a bit restricted- no surprise there with the mic that comes with the rig, but there was a lot of USB energy when I was on LSB. I have the IF set close to the 1100Hz offsets. Something to look into. We are not likely to get QRM reports with the 5W of power but, if true, this is wasted energy well outside of the receiving station's passband.

Dale W4OP

1230. Re: [X1M_QRP-Transceiver] RE: XM-1 Opposite Sideband Energy

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 01:48:33 UTC
From: Dale Parfitt
Topic: 1220 Message: 1230

Thanks for the confirmation. I wish I had more time to devote to this. Been having a lot of fun on SSB with it.

Dale W4OP
----- Original Message -----
From: w9rws@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, September 03, 2013 9:28 PM
Subject: [X1M_QRP-Transceiver] RE: XM-1 Opposite Sideband Energy

The only way I could get really good opposite sideband surpression was to move one of the sideband offsets much more than 1100 off to the side of the center IF filter setting. Looked good on the Flex spectrum scope and sounded nice and crisp also, but with it that far off center, could never get the opposite sideband readout to sync up and still sound good, so just balanced upper and lower to look and sound pretty much equal with the same surpression and left it with that compromise (IF set at 99650 and SSB offsets about 1150 off center). Could get surpression on both sidebands but then of course readout was bad on one. Guess that's the best we can do with that filter, but I agree there is energy wasted out there.
If anyone figures out something will try it.
RWS

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

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Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6634 - Release Date: 09/03/13

1231. X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 12:25:32 UTC
From: pezcat19
Topic: 1231 Message: 1231

Hello all,

The manufactures website, http://www.cqxiegu.com/archive.asp , appears to have new Firmware available for download. The translation tells me this is:

"X1M Platinum Edition burning process V1.00bBuild010 (USA shipments) 20130807.exe"

The website lists the Firmware as:

File name: update
Size: 62KB [Download]
Update: 2013-8-28 14:55:52

And the GREAT news is that the program is a simple EXE that is looking for a Comport connection to the rig. I wonder if firmware updates will be as simple as connecting to the DB9 and hitting the correct button in the software? (Who here can read Chinese??? Anyone????)

Who is prepared to try this out? It could of course go horribly wrong, but it could, perhaps, resolve a number of issues if it is indeed a new update...

I have uploaded the file to the Files section.

Good luck, have fun and be careful! :)

Perrin VK3XPT

1232. New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 12:28:00 UTC
From: X1M_QRP-Transceiver@yahoogroups.com
Topic: 11 Message: 1232

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the X1M_QRP-Transceiver
group.

File : /Firmware/X1MV1.00bBuild010(USA)20130807.exe
Uploaded by : pezcat19 <pezcat19@...>
Description : UNTESTED X1M-PRO firmware

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Firmware/X1MV1.00bBuild010%28USA%2
920130807.exe

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

pezcat19 <pezcat19@...>

1233. RE: [X1M_QRP-Transceiver] X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 13:03:14 UTC
From: Fred VE3FAL
Topic: 1231 Message: 1233

I do not like the new yahoo group look or functionality at all..

Why would they do something like that and not say anything?

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of pezcat19
Sent: September 4, 2013 8:26 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M-PRO. New Firmware Available!!! ???

Hello all,

The manufactures website, http://www.cqxiegu.com/archive.asp , appears to
have new Firmware available for download. The translation tells me this is:

"X1M Platinum Edition burning process V1.00bBuild010 (USA shipments)
20130807.exe"

The website lists the Firmware as:

File name: update
Size: 62KB [Download]
Update: 2013-8-28 14:55:52

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Comport connection to the rig. I wonder if firmware updates will be as
simple as connecting to the DB9 and hitting the correct button in the
software? (Who here can read Chinese??? Anyone????)

Who is prepared to try this out? It could of course go horribly wrong, but
it could, perhaps, resolve a number of issues if it is indeed a new
update...

I have uploaded the file to the Files section.

Good luck, have fun and be careful! :)

Perrin VK3XPT

1234. Re: [X1M_QRP-Transceiver] X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 13:32:48 UTC
From: Ken Downs
Topic: 1231 Message: 1234

Oh! It's not just me. I thought I had inadvertently changed something on my computer. I agree: the new format is a step (or several) backward.
On a more cheery note: the firmware update stuff sounds promising! I wish I had kept up with and improved the Chinese I studied 40+ years ago. Oh well, never too late...

Ken, W1KRT

On Sep 4, 2013, at 9:03 AM, Fred VE3FAL wrote:

I do not like the new yahoo group look or functionality at all..

Why would they do something like that and not say anything?

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of pezcat19
Sent: September 4, 2013 8:26 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M-PRO. New Firmware Available!!! ???

Hello all,

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The website lists the Firmware as:

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Update: 2013-8-28 14:55:52

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Who is prepared to try t his out? It could of course go horribly wrong, but it could, perhaps, resolve a number of issues if it is indeed a new update...

I have uploaded the file to the Files section.

Good luck, have fun and be careful! :)

Perrin VK3XPT

1235. Re: X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 13:28:50 UTC
From: pezcat19
Topic: 1231 Message: 1235

I agree Fred, but lets try to keep this thread on topic!

I have just uploaded to the "Firmware" folder, a rough translation of the firmware tool software buttons.

Is anyone brave enough to try this firmware burning? I live in VK so I am not going to take the chance until someone else does. Ed is a long way away from here ;-)

IF someone is prepared, PLEASE note down your firmware version FIRST, by pressing and holding the F5 key for a few seconds...

Cheers,

Perrin VK3XPT

1236. RE: [X1M_QRP-Transceiver] Re: X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 13:52:48 UTC
From: Fred VE3FAL
Topic: 1231 Message: 1236

It is kind of on topic as the link from this end to the software is not obtainable nor is the folder.

I am going to restart my computer, empty cache and see if the destination can be had to get the file.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of pezcat19
Sent: September 4, 2013 9:29 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: X1M-PRO. New Firmware Available!!! ???

I agree Fred, but lets try to keep this thread on topic!

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Cheers,

Perrin VK3XPT

1237. RE: [X1M_QRP-Transceiver] New file uploaded to X1M_QRP-Transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 14:18:42 UTC
From: Fred VE3FAL
Topic: 11 Message: 1237

Invalid path is all, I opened file on another computer and it opened the files folder and it worked.

Fred

VE3FAL

File : /Firmware/X1MV1.00bBuild010(USA)20130807.exe
Uploaded by : pezcat19 <pezcat19@...>
Description : UNTESTED X1M-PRO firmware

You can access this file at the URL:
http://groups.yahoo.com/group/X1M_QRP-Transceiver/files/Firmware/X1MV1.00bBuild010%28USA%2920130807.exe

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

pezcat19 <pezcat19@...>

1238. RE: [X1M_QRP-Transceiver] X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 14:23:19 UTC
From: Fred VE3FAL
Topic: 1231 Message: 1238

So next question is what type of program is used to send it to the radio and the cable for the digital stuff will it work.

I will give it a whirl if I know what is needed.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of pezcat19
Sent: September 4, 2013 8:26 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M-PRO. New Firmware Available!!! ???

Hello all,

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The website lists the Firmware as:

File name: update
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Update: 2013-8-28 14:55:52

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Who is prepared to try this out? It could of course go horribly wrong, but it could, perhaps, resolve a number of issues if it is indeed a new update...

I have uploaded the file to the Files section.

Good luck, have fun and be careful! :)

Perrin VK3XPT

1239. Manual revision

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 14:35:36 UTC
From: <deadgoose@...>
Topic: 1239 Message: 1239

New manual today. Added Heath's alignment procedure.

1240. Re: [X1M_QRP-Transceiver] Still no output on SSB

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 15:12:40 UTC
From: Mark Thompson
Topic: 1222 Message: 1240

I've tried. The problem is that it will put out full 4-5 watts for awhile then all of a sudden drop to less than 1 watt and stay that way until the unit cools down only by turning it off. A new problem has now arisen. Same problem with transmit cutting out is now happening on receive. I wonder if the chip that gets so hot has failed and caused othrr surronding components to also fail. I could not get a temp reading on this chip with my digital thermometer because it was way above 120 degrees.
On Sep 3, 2013 4:40 PM, "Charlie , W5COV" <cvest@...> wrote:

> **
>
>
> One thought and it may not do any good at all , but have you tried
> adjusting the mic gain ? Very touchy just one really "sweet spot" on my
> control .
>
> Charlie , W5COV
>
> On 9/3/2013 12:29 PM, Mark Thompson wrote:
>
>
>
> Well, I thought I resolved the problem when I found an intermittent
> contact between the front display board and the upper main board. Was
> working great but it now seems like when it warms up the output is once
> again greatly decreased to 1 watt or less. From cold it works fine but
> after about 20 minutes even in just receive, I loose my output on SSB. Any
> ideas before I pack it up and send it back to Ed?
> Tnx & 73
> Mark (KV8T)
>
>
>
>

1241. Re: [X1M_QRP-Transceiver] X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 15:12:54 UTC
From: Charlie , W5COV
Topic: 1231 Message: 1241

Perrin , and group ,

If I can find a good enough set of instructions and it can be done VIA com port , I will certainly be happy to try it . If it requires reburning a device I'll have to see what the device is and if I have a burner . I have several .

Charlie , W5COV

On 9/4/2013 7:25 AM, pezcat19 wrote:
>
> Hello all,
>
> The manufactures website, http://www.cqxiegu.com/archive.asp , appears
> to have new Firmware available for download. The translation tells me
> this is:
>
> "X1M Platinum Edition burning process V1.00bBuild010 (USA shipments)
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>
> File name: update
> Size: 62KB [Download]
> Update: 2013-8-28 14:55:52
>
> And the GREAT news is that the program is a simple EXE that is looking
> for a Comport connection to the rig. I wonder if firmware updates will
> be as simple as connecting to the DB9 and hitting the correct button
> in the software? (Who here can read Chinese??? Anyone????)
>
> Who is prepared to try this out? It could of course go horribly wrong,
> but it could, perhaps, resolve a number of issues if it is indeed a
> new update...
>
> I have uploaded the file to the Files section.
>
> Good luck, have fun and be careful! :)
>
> Perrin VK3XPT
>
>

1242. RE: [X1M_QRP-Transceiver] X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 15:17:38 UTC
From: Fred VE3FAL
Topic: 1231 Message: 1242

The program is trying to communicate for sure with the radio, but what does it have to write, how does it write, and what setting on the radio to accept the write?

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: September 4, 2013 11:13 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: pezcat19
Subject: Re: [X1M_QRP-Transceiver] X1M-PRO. New Firmware Available!!! ???

Perrin , and group ,

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Charlie , W5COV

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The website lists the Firmware as:

File name: update
Size: 62KB [Download]
Update: 2013-8-28 14:55:52

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Who is prepared to try this out? It could of course go horribly wrong, but it could, perhaps, resolve a number of issues if it is indeed a new update...

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Good luck, have fun and be careful! :)

Perrin VK3XPT

1243. Re: [X1M_QRP-Transceiver] X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 15:36:12 UTC
From: Charlie , W5COV
Topic: 1231 Message: 1243

I am heading over to read the manual and see what I can tinker with here too Fred .

Charlie , W5COV

On 9/4/2013 10:17 AM, Fred VE3FAL wrote:
>
> The program is trying to communicate for sure with the radio, but what does it have to write, how does it write, and what setting on the radio to accept the write?
>
> Fred
>
> VE3FAL
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Charlie , W5COV
> *Sent:* September 4, 2013 11:13 AM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Cc:* pezcat19
> *Subject:* Re: [X1M_QRP-Transceiver] X1M-PRO. New Firmware Available!!! ???
>
> Perrin , and group ,
>
> If I can find a good enough set of instructions and it can be done VIA com port , I will certainly be happy to try it . If it requires reburning a device I'll have to see what the device is and if I have a burner . I have several .
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> Charlie , W5COV
>
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> And the GREAT news is that the program is a simple EXE that is
> looking for a Comport connection to the rig. I wonder if firmware
> updates will be as simple as connecting to the DB9 and hitting the
> correct button in the software? (Who here can read Chinese???
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> indeed a new update...
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> I have uploaded the file to the Files section.
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> Good luck, have fun and be careful! :)
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> Perrin VK3XPT
>
>

1244. X1M MDS Testing.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 16:01:16 UTC
From: Dale Parfitt
Topic: 1244 Message: 1244

I did some quick MDS (minimum discernible signal) tests this morning. Part of this was to see what the typical loss is in the front end L-C filters. This can be accomplished because when you go outside a hamband the filter for that band is bypassed.

Anyway, on 10M the MDS with preamp was -132dBm and -122dBm w/o preamp
on 80M it was -130dBm w/ and -120dBm w/o.

Going just above 80M to bypass the 80M filter, the spec was -143dBm w/ and -136 w/o.

Signals were obviously very weak and I used headphones. LIkely these numbers would be considerably lower with the internal speaker.

So there is enough front end sensitivity, just not enough system gain- particularly if AGC is to be implemented.

Dale W4OP

1245. RE: X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 16:31:20 UTC
From: <vk3two@...>
Topic: 1231 Message: 1245

Looks like they've been listening to all of the feedback I've been sending them.
Lets hope the update fixes things. I'll give it a try in the morning, and post the results/youtube.

--- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

I am heading over to read the manual and see what I can tinker with here too Fred .

Charlie , W5COV

On 9/4/2013 10:17 AM, Fred VE3FAL wrote:

The program is trying to communicate for sure with the radio, but what does it have to write, how does it write, and what setting on the radio to accept the write?

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: September 4, 2013 11:13 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: pezcat19
Subject: Re: [X1M_QRP-Transceiver] X1M-PRO. New Firmware Available!!! ???

Perrin , and group ,

If I can find a good enough set of instructions and it can be done VIA com port , I will certainly be happy to try it . If it requires reburning a device I'll have to see what the device is and if I have a burner . I have several .

Charlie , W5COV

On 9/4/2013 7:25 AM, pezcat19 wrote:

Hello all,

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The website lists the Firmware as:

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Size: 62KB [Download]
Update: 2013-8-28 14:55:52

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Who is prepared to try this out? It could of course go horribly wrong, but it could, perhaps, resolve a number of issues if it is indeed a new update...

I have uploaded the file to the Files section.

Good luck, have fun and be careful! :)

Perrin VK3XPT

1246. RE: X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 16:51:49 UTC
From: <orders@...>
Topic: 1231 Message: 1246

Anyone have any word if they are going to throw a bone to those of us with the ver II with a firmware upgrade there too? I wonder how many of us there are out there vs PRO owners in general.

I'm not expecting much to be honest but it would be a great geasture from them for those of us who gave feed back that got incorporated into the new device... that we don't have.

I'd even be ok if this is something I'd have to go through Ed to get/do.

--- In x1m_qrp-transceiver@yahoogroups.com, <vk3two@...> wrote:

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Lets hope the update fixes things. I'll give it a try in the morning, and post the results/youtube.

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I am heading over to read the manual and see what I can tinker with here too Fred .

Charlie , W5COV

On 9/4/2013 10:17 AM, Fred VE3FAL wrote:

The program is trying to communicate for sure with the radio, but what does it have to write, how does it write, and what setting on the radio to accept the write?

Fred

VE3FAL

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Sent: September 4, 2013 11:13 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: pezcat19
Subject: Re: [X1M_QRP-Transceiver] X1M-PRO. New Firmware Available!!! ???

Perrin , and group ,

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Charlie , W5COV

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Who is prepared to try this out? It could of course go horribly wrong, but it could, perhaps, resolve a number of issues if it is indeed a new update...

I have uploaded the file to the Files section.

Good luck, have fun and be careful! :)

Perrin VK3XPT

1247. RE: RE: X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 16:58:16 UTC
From: <neilgoldstein@...>
Topic: 1231 Message: 1247

I am also curious about how those of us with the version 2 model will be supported. I was told by Ed, that there may be a front panel upgrade kit, but I'm not sure if this changes anything other than the display, and buttons to the newer style. What I would really like is to be able to use the radio on the 40M phone band, as well as having 75M extend all the way to 4 MHz. Can we get some specifics as to whether our model is also updateable? As an alternative I'm looking into making myself a switchable LPF box for 40M and the WARC bands.

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Anyone have any word if they are going to throw a bone to those of us with the ver II with a firmware upgrade there too? I wonder how many of us there are out there vs PRO owners in general.

I'm not expecting much to be honest but it would be a great geasture from them for those of us who gave feed back that got incorporated into the new device... that we don't have.

I'd even be ok if this is something I'd have to go through Ed to get/do.

--- In x1m_qrp-transceiver@yahoogroups.com, <vk3two@...> wrote:

Looks like they've been listening to all of the feedback I've been sending them.
Lets hope the update fixes things. I'll give it a try in the morning, and post the results/youtube.

--- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

I am heading over to read the manual and see what I can tinker with here too Fred .

Charlie , W5COV

On 9/4/2013 10:17 AM, Fred VE3FAL wrote:

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Fred

VE3FAL

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Sent: September 4, 2013 11:13 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: pezcat19
Subject: Re: [X1M_QRP-Transceiver] X1M-PRO. New Firmware Available!!! ???

Perrin , and group ,

If I can find a good enough set of instructions and it can be done VIA com port , I will certainly be happy to try it . If it requires reburning a device I'll have to see what the device is and if I have a burner . I have several .

Charlie , W5COV

On 9/4/2013 7:25 AM, pezcat19 wrote:

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Who is prepared to try this out? It could of course go horribly wrong, but it could, perhaps, resolve a number of issues if it is indeed a new update...

I have uploaded the file to the Files section.

Good luck, have fun and be careful! :)

Perrin VK3XPT

1248. DO NOT try the firmware upgrade!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 17:06:27 UTC
From: <vk3two@...>
Topic: 1248 Message: 1248

All,

Just attempted the firmware upgrade with limited success.

The process all seemed to work, and the radio appears to work, however it's buggy. (Doing this will void your warranty!)

I'll do some more testing to see if anything has improved/failed and post an update.

I'll also post a video on youtube of my semi-failed attempt

1249. Re: [X1M_QRP-Transceiver] DO NOT try the firmware upgrade!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 17:19:48 UTC
From: Charlie , W5COV
Topic: 1248 Message: 1249

Can they provide a file for you to restore it to the firmware version
that you attempted the upgrade on ? It would be nice if some of our
programming guys could get a look at the code . I am not one of them ,
but we have some pretty sharp programmers I am sure in this group .

Will be looking forward to your video .

Charlie , W5COV

On 9/4/2013 12:06 PM, vk3two@... wrote:
>
> All,
>
> Just attempted the firmware upgrade with limited success.
>
> The process all seemed to work, and the radio appears to work, however
> it's buggy. (Doing this will void your warranty!)
>
> I'll do some more testing to see if anything has improved/failed and
> post an update.
>
> I'll also post a video on youtube of my semi-failed attempt
>
>

1250. RE: DO NOT try the firmware upgrade!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 17:38:06 UTC
From: <orders@...>
Topic: 1248 Message: 1250

It would be great to get source code but I doubt that will happen. If we had the source code it is POSSIBLE some brave souls could update and edit the MCU in the ver II ones as well.

--- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

Can they provide a file for you to restore it to the firmware version that you attempted the upgrade on ? It would be nice if some of our programming guys could get a look at the code . I am not one of them , but we have some pretty sharp programmers I am sure in this group .

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Charlie , W5COV

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1251. RE: RE: RE: X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 17:44:37 UTC
From: <orders@...>
Topic: 1231 Message: 1251

Neil I';m right there with you! Honeslty I don't care about the new interface or buttons. I rather like the old simple ones I have... what I do care about is extending the filters range to US bands, and the offsets, etc.

I too was looking at the alternative of making an external LPO set - in my little dream world over here I'd make a single box that houses all the 'extra' circuits that aren't in the rig -- like the mic circuit, the LPOs, and so on. A nice little buddy box as I keep calling it.

Obviously I would prefer that only be for the WARC bands and not have to add in this for the very tail end of the 40M band and I think there is one other that is cut off too. Anyway -- if you go the LPO route let us know about it and I hope we can get a firmware upgrade for the v II's as well.

-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I am also curious about how those of us with the version 2 model will be supported. I was told by Ed, that there may be a front panel upgrade kit, but I'm not sure if this changes anything other than the display, and buttons to the newer style. What I would really like is to be able to use the radio on the 40M phone band, as well as having 75M extend all the way to 4 MHz. Can we get some specifics as to whether our model is also updateable? As an alternative I'm looking into making myself a switchable LPF box for 40M and the WARC bands.

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VE3FAL

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Sent: September 4, 2013 11:13 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: pezcat19
Subject: Re: [X1M_QRP-Transceiver] X1M-PRO. New Firmware Available!!! ???

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Good luck, have fun and be careful! :)

Perrin VK3XPT

1252. RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 17:49:04 UTC
From: <orders@...>
Topic: 1193 Message: 1252

I bit the bullet and ordered a ssm2167 on a breakout board from them. I decided against soiling my playing with bad soldering fruseration for the moment and instead will forgo the extra coffee one day. I'm thinking and inline version would be the most useful to start out -- plug the mic into the inline box and then have a tail from the board into the rig. There isn't any room in the rig to stick it easily and putting it directly into the mic would limit it to one circuit per mic... also not flexible. The other option is a larger block in the middle of the mic cable but that seems the wrong way.

Anyone have any thoughts on a performed form factor for it?
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

BTW digikey part number for the SSM2167 is SSM2167-1RMZ-REELCT-ND (http://www.digikey.com/product-detail/en/SSM2167-1RMZ-REEL/SSM2167-1RMZ-REELCT-ND/1628139)

--- In x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> wrote:

Oops, my mistake.Â I bought mine from a different seller 190593669424Â Must be old timers disease kicking in again.

Lee â☐☐ N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Bill Maxwell
Sent: Tuesday, September 03, 2013 12:19 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Didn't see the chips in that seller's store, Lee. Can you give us the item number for them, please.

Bill, VK7MX
On 3/09/2013 4:14 AM, Lee wrote:
I ordered 2 of the chips on eBay, just in case I kill one, and some chip adapter boards from the same seller. Put item number 181138215223 in the search box to see then.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, September 02, 2013 11:54 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

The more and more I look at this the more and more I want to play with little chip but it is in a tiny tiny MSOP package. And my soldering skills/hand steadiness is NO WHERE near close enough to jump right in. Anyone have a great easy way to put an MSOP chip onto a

breadboard or anything like that? I've seen some 'easy' convertors for SMD chips but none for MSOP -- and I guess I haven't looked to see if they would work. Anyway -- if anyone has any great suggestions I'd appreciate it!

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:
Thank Ken! Yup I'm thinking with 5 w I'm going to want the most talk power for the punch of my voice. Although I haven't done the math to see the difference between 0.5w and 5w. if my db brain remembers it probably isn't that much ! much like the difference between 5w and 100w ;) But I suspect it is bigger if I compare 0.5 w to 100w ;) And the goal is to get it as compressed and gained right to point before degrading! And we will see where that lands me! And to top that off the neighbor in the new apartment is really sensitive to me talking at night -- she has come twice at 1am to ask me to keep it down while conversing with a friend at lower than normal voices already. So the more punch I can get out of the mic at lower levels the more I can work in the nighhhhhhht!

And thanks for the thumbs up I'm loving the trip!
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <krtdowns@...> wrote:
Great attitude, Chris! I'm not familiar with that IC, but it sounds as though it has the functions you are seeking. Reasonable compression will add substantially to your "talk power." Like most things, it can be overdone and degrade your signal. Sounds as though you are tackling the learning opportunities this little rig offers with zest and enthusiasm. Have fun and enjoy the trip!
Ken, W1KRT

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:
Man oh Man! Am I loving this little rig! Not because it is perfect and a great value out of the box but for the exact reason I bit the bullet and bought it before it was all polished: Great learning rig! Every time some limit or question is hit I have a reason to go digging and exploring around in the bits that make radios tick. I'll be happy to get my fully functioning rig to actual work on the air but this is a little gem in my eyes for crackin' open the door to learning about radios!

Anyway, my newest exploration is around the audio and SSB and this little fellar. From what Ed has walked me through I'm beating down the path that the radio WILL transmit 5w PEP on SSB .. the mic, gain, compression, preamp, etc are the limiting factor to making this usable out of the box. I'm currently playing down the path that the gain adjustment in the rig will be sufficient if I can compress the audio so more of it is towards the 5W 'section'. During my dive into this sort of theory I can across this little gem of a chip:
http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html

Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

I've got plenty more to do to see if this theory will be valid in the x1m and how it all fits together but I'm loving this rig just for giving me framework to explore and ask about this things. Before this little fella and my trying to test if the SSB output was 'good' and if I needed to send it back everything was just words and now its all tying together. Having a ball!

Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

-Chris
KC8MUS

1253. RE: [X1M_QRP-Transceiver] RE: X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 18:48:01 UTC
From: Fred VE3FAL
Topic: 1231 Message: 1253

No change noted on my end at all, does radio have to be on or off, click on left hand box with question marks etc…

I await the video as well to see what has happened.

Fred

VE3FAL

1254. RE: [X1M_QRP-Transceiver] RE: X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-04 18:51:28 UTC
From: Fred VE3FAL
Topic: 1231 Message: 1254

Guess I should ask Heath, what are you using to communicate with the radio? The cable that came with it?

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Fred VE3FAL
Sent: September 4, 2013 2:48 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: X1M-PRO. New Firmware Available!!! ???

No change noted on my end at all, does radio have to be on or off, click on left hand box with question marks etc…

I await the video as well to see what has happened.

Fred

VE3FAL

1255. RE: X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-05 00:31:49 UTC
From: <george@...>
Topic: 1231 Message: 1255

What's the difference between Pro and Ver II? Not sure which I have, but got it from Ed in mid May. Has a BNC for RF. It sucks that they took my $600 (I bought two) and that's it, you lose kind of attitude. So I have two real expensive book ends...

GeorgeC
W2DB

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Anyone have any word if they are going to throw a bone to those of us with the ver II with a firmware upgrade there too? I wonder how many of us there are out there vs PRO owners in general.

I'm not expecting much to be honest but it would be a great geasture from them for those of us who gave feed back that got incorporated into the new device... that we don't have.

I'd even be ok if this is something I'd have to go through Ed to get/do.

--- In x1m_qrp-transceiver@yahoogroups.com, <vk3two@...> wrote:

Looks like they've been listening to all of the feedback I've been sending them.
Lets hope the update fixes things. I'll give it a try in the morning, and post the results/youtube.

--- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

I am heading over to read the manual and see what I can tinker with here too Fred .

Charlie , W5COV

On 9/4/2013 10:17 AM, Fred VE3FAL wrote:

The program is trying to communicate for sure with the radio, but what does it have to write, how does it write, and what setting on the radio to accept the write?

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: September 4, 2013 11:13 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: pezcat19
Subject: Re: [X1M_QRP-Transceiver] X1M-PRO. New Firmware Available!!! ???

Perrin , and group ,

If I can find a good enough set of instructions and it can be done VIA com port , I will certainly be happy to try it . If it requires reburning a device I'll have to see what the device is and if I have a burner . I have several .

Charlie , W5COV

On 9/4/2013 7:25 AM, pezcat19 wrote:

Hello all,

The manufactures website, http://www.cqxiegu.com/archive.asp , appears to have new Firmware available for download. The translation tells me this is:

"X1M Platinum Edition burning process V1.00bBuild010 (USA shipments) 20130807.exe"

The website lists the Firmware as:

File name: update
Size: 62KB [Download]
Update: 2013-8-28 14:55:52

And the GREAT news is that the program is a simple EXE that is looking for a Comport connection to the rig. I wonder if firmware updates will be as simple as connecting to the DB9 and hitting the correct button in the software? (Who here can read Chinese??? Anyone????)

Who is prepared to try this out? It could of course go horribly wrong, but it could, perhaps, resolve a number of issues if it is indeed a new update...

I have uploaded the file to the Files section.

Good luck, have fun and be careful! :)

Perrin VK3XPT

1256. RE: Microphone wiring

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-05 01:05:47 UTC
From: <ko4xl@...>
Topic: 591 Message: 1256

THE MICROPHONE PUZZLE IS SOLVED!

I read all the recent discussions about digital mode hookups and the light went on for me when somebody mentioned the bias current being incorrect. That's when it hit me: the X1M needs the extra current draw from the PTT LED in the mic! As soon as I added a red LED in series with 4.7k between tip and ring of the mic plug, my PC headset mic started working.

I now have a very nice little adapter to use my PC headset on the X1M. Here are the final connections:

X1M Sleeve ------------------- (GND) ------------------ Mic Sleeve

X1M Ring ------------ Pushbutton --------- GND
X1M Ring ------------ |< -LED+ ------- 4.7k ----- X1M Tip

X1M Tip ----------- Mic Tip & Mic Ring

The pushbutton acts as PTT when I'm using the headset. When I get around to it I'll add a NO jack across the pushbutton for a foot switch and have full hands-free operation.

Hope this helps anyone who's trying to do something similar. Give me a shout if you have any questions.

73 de KO4XL
Bruce

--- In x1m_qrp-transceiver@yahoogroups.com, <ko4xl@...> wrote:

OK, so last night I bit the bullet and completely traced the circuitry inside the stock mic. The only additional components are:

- A .01uf disc cap across the mic cartridge. I assume this is just there for RF bypass and high frequency rolloff. It shouldn't be required for the mic to function, right?
- A 4k7 resistor in series with an LED between tip and ring. This is obviously the transmit light on the front of the mic.

There are a few other items related to the disabled speaker in the stock mic. For the X1M, none of these are ever in-circuit.

After looking at all this, the only conclusion I can reach is that the stock mic cartridge has much higher output than a PC headset mic. Before I go hunting for a mic preamp, could somebody please prove me wrong?

73 de KO4XL Bruce

--- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce" <ko4xl@...> wrote:
>
> I've dug a little deeper and am still having no success. Here's what I know so far:
>

> Opening the stock mike and using an ohmmeter, I see that ring goes to the PTT switch and tip goes to the mike cartridge. (The other side of both the switch and the mike cartridge are tied to sleeve (ground). At the radio, when PTT is grounded (active), tip goes from open circuit to about +7 volts (relative to sleeve ground). I assume this is the bias voltage needed to power the electret cartrige in the stock mike. However, hooking a different electret cartridge (from a pc headset) across tip and sleeve (yes, I got the polarity correct!) and grounding ring (PTT) does not give me any audio. What am I missing?
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@> wrote:
> >
> >
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce" <ko4xl@> wrote:
> > >
> > > A few folks here have mentioned replacing the stock mic. Can someone post the connector pinout? I tried opening the back of the mic but there are more than 3 wires in the cable!
> > >
> >
> > These are "re-purposed" speaker mics, such as are used on the Chinese HTs. The 4th wire is connected to the un-used headphone jack. Sleeve is ground, of course. Use your ohm meter to see which give a closure to ground when the PTT button is activated. The other will be the microphone line.
> >
> > I think this issue was discussed when people were having problems with the QC on the soldering in the microphone plug. Search the messages for that issue.
> >
> > 73 /paul W3FIS
> >
>

1257. Re: [X1M_QRP-Transceiver] RE: X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-05 01:28:22 UTC
From: Charlie , W5COV
Topic: 1231 Message: 1257

If you have blue (flat square/rectangular) push buttons you should have a Pro. If it is a Pro you can push and hold F5 down for a couple of seconds and it will give you the version , package name (Pro) and your serial number is also displayed there .

The version before the Pro , has round black push buttons except for the far right one , which is red .

At least it is good to know that we can update them at home , when they get the firmware corrected .

Charlie , W5COV

On 9/4/2013 7:31 PM, george@... wrote:
>
> What's the difference between Pro and Ver II? Not sure which I have,
> but got it from Ed in mid May. Has a BNC for RF. It sucks that they
> took my $600 (I bought two) and that's it, you lose kind of attitude.
> So I have two real expensive book ends...
>
>
> GeorgeC
>
> W2DB
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:
>
> Anyone have any word if they are going to throw a bone to those of us
> with the ver II with a firmware upgrade there too? I wonder how many
> of us there are out there vs PRO owners in general.
>
> I'm not expecting much to be honest but it would be a great geasture
> from them for those of us who gave feed back that got incorporated
> into the new device... that we don't have.
>
> I'd even be ok if this is something I'd have to go through Ed to get/do.
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <vk3two@...> wrote:
>
> Looks like they've been listening to all of the feedback I've been
> sending them.

>
> Lets hope the update fixes things. I'll give it a try in the morning,
> and post the results/youtube.
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:
>
> I am heading over to read the manual and see what I can tinker
> with here too Fred .
>
> Charlie , W5COV
>
>
> On 9/4/2013 10:17 AM, Fred VE3FAL wrote:
>
> The program is trying to communicate for sure with the
> radio, but what does it have to write, how does it write,
> and what setting on the radio to accept the write?
>
> Fred
>
> VE3FAL
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of
> *Charlie , W5COV
> *Sent:* September 4, 2013 11:13 AM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Cc:* pezcat19
> *Subject:* Re: [X1M_QRP-Transceiver] X1M-PRO. New Firmware
> Available!!! ???
>
> Perrin , and group ,
>
> If I can find a good enough set of instructions and it can
> be done VIA com port , I will certainly be happy to try it
> . If it requires reburning a device I'll have to see what
> the device is and if I have a burner . I have several .
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> Charlie , W5COV
>
> On 9/4/2013 7:25 AM, pezcat19 wrote:
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> Hello all,
>
> The manufactures website,
> http://www.cqxiegu.com/archive.asp , appears to have
> new Firmware available for download. The translation
> tells me this is:

>
> "X1M Platinum Edition burning process V1.00bBuild010
> (USA shipments) 20130807.exe"
>
> The website lists the Firmware as:
>
> File name: update
> Size: 62KB [Download]
> Update: 2013-8-28 14:55:52
>
> And the GREAT news is that the program is a simple EXE
> that is looking for a Comport connection to the rig. I
> wonder if firmware updates will be as simple as
> connecting to the DB9 and hitting the correct button
> in the software? (Who here can read Chinese??? Anyone????)
>
> Who is prepared to try this out? It could of course go
> horribly wrong, but it could, perhaps, resolve a
> number of issues if it is indeed a new update...
>
> I have uploaded the file to the Files section.
>
> Good luck, have fun and be careful! :)
>
> Perrin VK3XPT
>
>
>

1258. Re: [X1M_QRP-Transceiver] DO NOT try the firmware upgrade!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-05 02:59:30 UTC
From: Charlie , W5COV
Topic: 1248 Message: 1258

I wonder if there is more than one update version . I see you mention the F4 button as the "radio information button" on your radio .

The Pro version of the X1M that we have in the USA uses F5 to do the functions that you do with F4.

Here is my F5 Information :

Ver : X1MPRO V1.00b USA
Date : Jul 20 2013
Time : 16:18:40
SN : XG00000042

So do you have one with the USA identifier ?

I am now curious as to how many function buttons that you have and what they do , as well as what your radio information screen shows .

F4 on mine is dedicated to the VFO's , plus the keyer .

F5 is also used to move the arrow under the frequency display in the operating mode , to the right , while F1 , moves it to the left .

ANYONE on the list that has a Pro , have a different version or model information than I do ?

Now I don't know whether to try an update or not , until I hear or see your information and experience .

Charlie , W5COV

On 9/4/2013 12:06 PM, vk3two@... wrote:
>
> All,
>
> Just attempted the firmware upgrade with limited success.
>
> The process all seemed to work, and the radio appears to work, however
> it's buggy. (Doing this will void your warranty!)
>
> I'll do some more testing to see if anything has improved/failed and
> post an update.
>
> I'll also post a video on youtube of my semi-failed attempt
>
>

1259. RE: DO NOT try the firmware upgrade!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-05 03:12:20 UTC
From: <vk3two@...>
Topic: 1248 Message: 1259

You're right Charile.

When I first did the procedure, I was using a radio with the front panel removed, so I was going by memory. Knowing that the button closest to the vfo knob was the settings, and the one next to it is the firmware, so I was 'out by one'.

I've corrected it now.

I left the youtube video uploading when I went to bed so that it would upload for you to see ASAP.
Murphy's law, when I woke this morning, the laptop had gone into standby, so sorry for the delay.

--- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

I wonder if there is more than one update version . I see you mention the F4 button as the "radio information button" on your radio .

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Here is my F5 Information :

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I am now curious as to how many function buttons that you have and what they do , as well as what your radio information screen shows .

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ANYONE on the list that has a Pro , have a different version or model information than I do ?

Now I don't know whether to try an update or not , until I hear or see your information and experience .

Charlie , W5COV

On 9/4/2013 12:06 PM, vk3two@... wrote:

Â

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The process all seemed to work, and the radio appears to work, however it's buggy. (Doing this will void your warranty!)

I'll do some more testing to see if anything has improved/failed and post an update.

I'll also post a video on youtube of my semi-failed attempt

1260. Re: [X1M_QRP-Transceiver] RE: DO NOT try the firmware upgrade!!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-05 03:16:35 UTC
From: Charlie , W5COV
Topic: 1248 Message: 1260

Very good . Just wanted to make certain we were all on the same page :)
I'll be around for quite a bit longer this evening , so I hope to see
your video .

Thanks for what you are doing .

Charlie

On 9/4/2013 10:12 PM, vk3two@... wrote:
>
> You're right Charile.
>
> When I first did the procedure, I was using a radio with the front
> panel removed, so I was going by memory. Knowing that the button
> closest to the vfo knob was the settings, and the one next to it is
> the firmware, so I was 'out by one'.
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> I've corrected it now.
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>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:
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>
> The Pro version of the X1M that we have in the USA uses F5 to do the
> functions that you do with F4.
>
> Here is my F5 Information :
>
> Ver : X1MPRO V1.00b USA
> Date : Jul 20 2013
> Time : 16:18:40
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>
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> what they do , as well as what your radio information screen shows .

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> F5 is also used to move the arrow under the frequency display in the
> operating mode , to the right , while F1 , moves it to the left .
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> information than I do ?
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> your information and experience .
>
> Charlie , W5COV
>
>
> On 9/4/2013 12:06 PM, vk3two@... wrote:
>
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>
> All,
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>
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> and post an update.
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> I'll also post a video on youtube of my semi-failed attempt
>
>
>

1261. Re: X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-05 04:00:01 UTC
From: Heath - VK3TWO / VK6TWO
Topic: 1231 Message: 1261

Hi Fred,

As you can see in the youtube video, All i used was the DB-9 to DB-9 adapter (also used for CAT) and a generic USB to Serial converter.

The software automatically detects the COM port, so if you have more than one, you may have to manually change it.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
VK3TWO Website <http://sites.google.com/site/actionman5/>

DSTAR <http://www.dstar.org.au/what_is_dstar.htm> - Co-ordinator (WA)
Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
WA Repeater Group <http://www.warg.org.au> – Committee
WA VHF Group <http://www.wavhfgroup.org.au/> – Committee
Wireless Institute Civil Emergency
Network<http://www.wia.org.au/members/emcom/wicen/>– President &
Technical Officer (WA)
Wireless Institute of Australia <http://www.wia.org.au> – State Advisory
Committee <http://www.wia.org.au/members/advisories/about/> (WA)
Wireless Institute of Australia - State Emergency
Comms<http://www.wia.org.au/members/emcom/about/>co-ordinator (WA)
<spooktech@...> <http://www.spooktech.net>

1262. Re: [X1M_QRP-Transceiver] Re: X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-05 04:06:56 UTC
From: Dale Parfitt
Topic: 1231 Message: 1262

Is the video now up? I can't find it.

Dale W4OP
----- Original Message -----
From: Heath - VK3TWO / VK6TWO
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, September 05, 2013 12:00 AM
Subject: [X1M_QRP-Transceiver] Re: X1M-PRO. New Firmware Available!!! ???

Hi Fred,

As you can see in the youtube video, All i used was the DB-9 to DB-9 adapter (also used for CAT) and a generic USB to Serial converter.

The software automatically detects the COM port, so if you have more than one, you may have to manually change it.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
VK3TWO Website

DSTAR - Co-ordinator (WA)
Hills Amateur Radio Group - Technical Officer
WA Repeater Group – Committee
WA VHF Group – Committee
Wireless Institute Civil Emergency Network – President & Technical Officer (WA)
Wireless Institute of Australia – State Advisory Committee (WA)
Wireless Institute of Australia - State Emergency Comms co-ordinator (WA)

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6639 - Release Date: 09/04/13

1263. RE: RE: Microphone wiring

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-05 05:32:44 UTC
From: <orders@...>
Topic: 591 Message: 1263

Awesome Bruce! I know mic *has* a red led on the front but I don't think I've seen it come on when I TX. I wonder if my LED is not wired up right and reducing the output of the mic... much like your computer mic without the led in series... I'm going to have to dig into this one. Thanks for the hot tip!/ring/sleeve! (couldn't pass up the bad pun...)

-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

THE MICROPHONE PUZZLE IS SOLVED!

I read all the recent discussions about digital mode hookups and the light went on for me when somebody mentioned the bias current being incorrect. That's when it hit me: the X1M needs the extra current draw from the PTT LED in the mic! As soon as I added a red LED in series with 4.7k between tip and ring of the mic plug, my PC headset mic started working.

I now have a very nice little adapter to use my PC headset on the X1M. Here are the final connections:

X1M Sleeve ------------------- (GND) ------------------ Mic Sleeve

X1M Ring ------------ Pushbutton --------- GND
X1M Ring ------------ |< -LED+ ------- 4.7k ----- X1M Tip

X1M Tip ----------- Mic Tip & Mic Ring

The pushbutton acts as PTT when I'm using the headset. When I get around to it I'll add a NO jack across the pushbutton for a foot switch and have full hands-free operation.

Hope this helps anyone who's trying to do something similar. Give me a shout if you have any questions.

73 de KO4XL
Bruce

--- In x1m_qrp-transceiver@yahoogroups.com, <ko4xl@...> wrote:

OK, so last night I bit the bullet and completely traced the circuitry inside the stock mic. The only additional components are:

- A .01uf disc cap across the mic cartridge. I assume this is just there for RF bypass and high frequency rolloff. It shouldn't be required for the mic to function, right?
- A 4k7 resistor in series with an LED between tip and ring. This is obviously the transmit light on the front of the mic.

There are a few other items related to the disabled speaker in the stock mic. For the X1M, none of these are ever in-circuit.

After looking at all this, the only conclusion I can reach is that the stock mic cartridge has much higher output than a PC headset mic. Before I go hunting for a mic preamp, could somebody please prove me wrong?

73 de KO4XL Bruce

--- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce" <ko4xl@...> wrote:
>
> I've dug a little deeper and am still having no success. Here's what I know so far:
>
> Opening the stock mike and using an ohmmeter, I see that ring goes to the PTT switch and tip goes to the mike cartridge. (The other side of both the switch and the mike cartridge are tied to sleeve (ground). At the radio, when PTT is grounded (active), tip goes from open circuit to about +7 volts (relative to sleeve ground). I assume this is the bias voltage needed to power the electret cartrige in the stock mike. However, hooking a different electret cartridge (from a pc headset) across tip and sleeve (yes, I got the polarity correct!) and grounding ring (PTT) does not give me any audio. What am I missing?
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@> wrote:
> >
> >
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce" <ko4xl@> wrote:
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> > > A few folks here have mentioned replacing the stock mic. Can someone post the connector pinout? I tried opening the back of the mic but there are more than 3 wires in the cable!
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> > These are "re-purposed" speaker mics, such as are used on the Chinese HTs. The 4th wire is connected to the un-used headphone jack. Sleeve is ground, of course. Use your ohm meter to see which give a closure to ground when the PTT button is activated. The other will be the microphone line.
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> >
> > 73 /paul W3FIS
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>

1264. Re: X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-05 11:23:28 UTC
From: pezcat19
Topic: 1231 Message: 1264

Hi Heath,

Thanks very much for putting your hand up to do this FW testing, it is greatly appreciated!

Can you please give us some more information regarding the results with the new Firmware? I understand that the serial number changes to FFFFFFF, however does the radio actually work as expected?

I not concerned about the serial number issue if the radio actually works. I am very keen to know if there are any changes to operation, or any bugs resolved such as CW offsets, etc.

Also, have you / can you try the "Re Writable" button in the software? (This is the third button from the left in the software). I wonder if this *might* allow setting of the serial number?

Cheers,

Perrin VK3XPT

1265. RE: EUROPEAN DEALER QUESTION

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-05 12:35:37 UTC
From: <alexlist@...>
Topic: 1221 Message: 1265

http://www.wimo.de/cgi-bin/verteiler.pl?url=x1m_qrp_transceiver_d.html is a well known German retailer for Amateur radio products, and they have the product listed.

--- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

lol I'll take you up on that next time I am there if it is trivia night at the pub .

Charlie

On 9/3/2013 3:49 PM, squirrox@... wrote:

Â

Charlie,

Thanks, I owe you a beer!Â

73s SteveÂ

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Hi Steve ,

I just talked to the USA dealer and he has them in stock . His URL is www.importcommunications.com (http://www.importcommunications.com)Â
His name is Ed Griffin .

Charlie , W5COV

On 9/3/2013 1:38 PM, squirrox@... wrote:

Â

Hi Charlie,

Do you happen to know who is the dealer in the USA and if they have stocks? I am interested in getting one shipped to the UK as we don't seem to have a dealer here.Â

73s Steve G0XARÂ

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I posted the information about this being a great transceiver for those
of us that use the experimental bands below 2 MHz.
on my Yahoo group part15 (no space between part and 15). One guy from
the USA in Arizona jumped on it and ordered one and several others are
looking at it , because even as it is it works fine for even CW beacon
use and now can serve as an exciter for many of our experimental modes
and on those bands SSB is a bonus .

I had another inquiry this morning from a member in Europe , the UK , that wants to buy one , but doesn't know if there is a dealer/distributor for Europe and who it is so he can buy one too .

Any help would be appreciated , "our season" starts the 1 st of September . Pretty solid simple method of the true active , successful months that define our season . ONLY the months with an "R" in their spelling are truly useful , especially for those of us that hang around the part 15 experimental "watering hole" 185.300 kHz. with most stations running QRSS60 and a few running QRSS30 .

Activity on 2200 meters , 1750 meters , and 630 meters . You can find out more at www.lwca.org (http://www.lwca.org) The X1M has impressed me so far with what I have heard on 630 meters . Looking forward to the 1750 meter beacons getting back on the air for winter to see how it does there . They are VERY restricted under part 15 , but simple , cheap and easy to get on. My beacon with 1 watt INPUT has been captured with ARGO and Spectrum Lab , out to 1500 miles .There is also 4,000 Meters , but it is below 100 kHz. so the X1M doesn't quite go that low .

73 , Charlie , W5COV

1266. RE: [X1M_QRP-Transceiver] Re: X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-05 12:35:57 UTC
From: Fred VE3FAL
Topic: 1231 Message: 1266

So the step I was missing yesterday was turning the radio off and then on.I wonder if you can save your original settings before doing this with the same program.

I am going to give it a go here as well.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Heath - VK3TWO / VK6TWO
Sent: September 5, 2013 12:00 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: X1M-PRO. New Firmware Available!!! ???

Hi Fred,

As you can see in the youtube video, All i used was the DB-9 to DB-9 adapter (also used for CAT) and a generic USB to Serial converter.

The software automatically detects the COM port, so if you have more than one, you may have to manually change it.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
VK3TWO Website <http://sites.google.com/site/actionman5/>

DSTAR <http://www.dstar.org.au/what_is_dstar.htm> - Co-ordinator (WA)
Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
WA Repeater Group <http://www.warg.org.au> - Committee
WA VHF Group <http://www.wavhfgroup.org.au/> - Committee
Wireless Institute Civil Emergency Network <http://www.wia.org.au/members/emcom/wicen/> - President & Technical Officer (WA)
Wireless Institute of Australia <http://www.wia.org.au> - State Advisory Committee <http://www.wia.org.au/members/advisories/about/> (WA)
Wireless Institute of Australia - State Emergency Comms <http://www.wia.org.au/members/emcom/about/> co-ordinator (WA)

1267. RE: [X1M_QRP-Transceiver] Re: X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-05 12:40:59 UTC
From: Fred VE3FAL
Topic: 1231 Message: 1267

So followed same steps but still no transfer to the radio. Using the adaptor that came with the radio, prolific adaptor..Load program, set baud rate, and the LEDS on the convertor flash, but seems like no data going to radio and no green line across the bottom of program to show it is writing.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Fred VE3FAL
Sent: September 5, 2013 8:36 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] Re: X1M-PRO. New Firmware Available!!! ???

So the step I was missing yesterday was turning the radio off and then on.I wonder if you can save your original settings before doing this with the same program.

I am going to give it a go here as well.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Heath - VK3TWO / VK6TWO
Sent: September 5, 2013 12:00 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: X1M-PRO. New Firmware Available!!! ???

Hi Fred,

As you can see in the youtube video, All i used was the DB-9 to DB-9 adapter (also used for CAT) and a generic USB to Serial converter.

The software automatically detects the COM port, so if you have more than one, you may have to manually change it.

73's

Heath VK3TWO / VK6TWO
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WA Repeater Group <http://www.warg.org.au> - Committee
WA VHF Group <http://www.wavhfgroup.org.au/> - Committee
Wireless Institute Civil Emergency Network
<http://www.wia.org.au/members/emcom/wicen/> - President & Technical
Officer (WA)
Wireless Institute of Australia <http://www.wia.org.au> - State Advisory
Committee <http://www.wia.org.au/members/advisories/about/> (WA)
Wireless Institute of Australia - State Emergency Comms
<http://www.wia.org.au/members/emcom/about/> co-ordinator (WA)

1268. RIT Function

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-05 15:28:01 UTC
From: Fred VE3FAL
Topic: 1268 Message: 1268

Ok gang, did the software mod with no real indication of anything different or changes that make the rig usable on cw.

I still have to do the procedure that has been mentioned to see if it gets closer and workable on cw, but been playing with the KN-920 as well and making notes of problems with that rig.

Now I do digress:

Been milling through some of the old emails in my X1M folder and not sure if anyone has seen it or mentioned it but the RIT moves transmit as well and not just receive, I tried working a station on 20 meters this morning and figured I would transmit where I zero beat with my other receiver and then just tune down so I hear him calling me and to my surprise transmit again moved. If the split function worked on cw then there would not be an issue or even the RIT, but takes a long time to move the RIT

Ok off to town and then play a bit more.

Fred

VE3FAL

1269. Re: [X1M_QRP-Transceiver] RIT Function

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-05 15:39:13 UTC
From: Charlie , W5COV
Topic: 1268 Message: 1269

Yes Fred the RIT problem should have also been on the list , but looks as if the list never made it to the programmers . I guess this firmware would serve to restore a PRO to factory defaults , with the exception of the serial number .

Charlie , W5COV

On 9/5/2013 10:28 AM, Fred VE3FAL wrote:
>
> Ok gang, did the software mod with no real indication of anything
> different or changes that make the rig usable on cw.
>
> I still have to do the procedure that has been mentioned to see if it
> gets closer and workable on cw, but been playing with the KN-920 as
> well and making notes of problems with that rig.
>
> Now I do digress:
>
> Been milling through some of the old emails in my X1M folder and not
> sure if anyone has seen it or mentioned it but the RIT moves transmit
> as well and not just receive, I tried working a station on 20 meters
> this morning and figured I would transmit where I zero beat with my
> other receiver and then just tune down so I hear him calling me and to
> my surprise transmit again moved. If the split function worked on cw
> then there would not be an issue or even the RIT, but takes a long
> time to move the RIT
>
> Ok off to town and then play a bit more.
>
> Fred
>
> VE3FAL
>
>

1270. Re: [X1M_QRP-Transceiver] RIT Function

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-05 16:05:27 UTC
From: Ken Downs
Topic: 1268 Message: 1270

Fred,
Were you using the original firmware, or the new version (this week's)? Ed at Import Communications was informed about the RIT problem on Aug 24th, so presumably the programmers know about by now.

W1KRT

On Sep 5, 2013, at 11:28 AM, Fred VE3FAL wrote:

Ok gang, did the software mod with no real indication of anything different or changes that make the rig usable on cw.

I still have to do the procedure that has been mentioned to see if it gets closer and workable on cw, but been playing with the KN-920 as well and making notes of problems with that rig.

Now I do digress:

Been milling through some of the old emails in my X1M folder and not sure if anyone has seen it or mentioned it but the RIT moves transmit as well and not just receive, I tried working a station on 20 meters this morning and figured I would transmit where I zero beat with my other receiver and then just tune down so I hear him calling me and to my surprise transmit again moved. If the split function worked on cw then there would not be an issue or even the RIT, but takes a long time to move the RIT

Ok off to town and then play a bit more.

Fred

VE3FAL

1271. RE: [X1M_QRP-Transceiver] RIT Function

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-05 16:02:05 UTC
From: Fred VE3FAL
Topic: 1268 Message: 1271

Yea put in the newest firmware and no change.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ken Downs
Sent: September 5, 2013 12:05 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RIT Function

Fred,

Were you using the original firmware, or the new version (this week's)? Ed at Import Communications was informed about the RIT problem on Aug 24th, so presumably the programmers know about by now.

W1KRT

On Sep 5, 2013, at 11:28 AM, Fred VE3FAL wrote:

Ok gang, did the software mod with no real indication of anything different or changes that make the rig usable on cw.

I still have to do the procedure that has been mentioned to see if it gets closer and workable on cw, but been playing with the KN-920 as well and making notes of problems with that rig.

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Been milling through some of the old emails in my X1M folder and not sure if anyone has seen it or mentioned it but the RIT moves transmit as well and not just receive, I tried working a station on 20 meters this morning and figured I would transmit where I zero beat with my other receiver and then just tune down so I hear him calling me and to my surprise transmit again moved. If the split function worked on cw then there would not be an issue or even the RIT, but takes a long time to move the RIT

Ok off to town and then play a bit more.

Fred

VE3FAL

1272. RE: Microphone wiring

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-05 19:54:42 UTC
From: <ko4xl@...>
Topic: 591 Message: 1272

I just uploaded the schematic of my connections to the files section. Sometimes a picture is worth a thousand texts!

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Awesome Bruce! I know mic *has* a red led on the front but I don't think I've seen it come on when I TX. I wonder if my LED is not wired up right and reducing the output of the mic... much like your computer mic without the led in series... I'm going to have to dig into this one. Thanks for the hot tip!/ring/sleeve! (couldn't pass up the bad pun...)

-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

THE MICROPHONE PUZZLE IS SOLVED!

I read all the recent discussions about digital mode hookups and the light went on for me when somebody mentioned the bias current being incorrect. That's when it hit me: the X1M needs the extra current draw from the PTT LED in the mic! As soon as I added a red LED in series with 4.7k between tip and ring of the mic plug, my PC headset mic started working.

I now have a very nice little adapter to use my PC headset on the X1M. Here are the final connections:

X1M Sleeve ------------------- (GND) ------------------ Mic Sleeve

X1M Ring ------------ Pushbutton --------- GND
X1M Ring ------------ |< -LED+ ------- 4.7k ----- X1M Tip

X1M Tip ----------- Mic Tip & Mic Ring

The pushbutton acts as PTT when I'm using the headset. When I get around to it I'll add a NO jack across the pushbutton for a foot switch and have full hands-free operation.

Hope this helps anyone who's trying to do something similar. Give me a shout if you have any questions.

73 de KO4XL
Bruce

--- In x1m_qrp-transceiver@yahoogroups.com, <ko4xl@...> wrote:

OK, so last night I bit the bullet and completely traced the circuitry inside the stock mic. The only additional components are:

- A .01uf disc cap across the mic cartridge. I assume this is just there for RF bypass and high frequency rolloff. It shouldn't be required for the mic to function, right?
- A 4k7 resistor in series with an LED between tip and ring. This is obviously the transmit light on the front of the mic.

There are a few other items related to the disabled speaker in the stock mic. For the X1M, none of these are ever in-circuit.

After looking at all this, the only conclusion I can reach is that the stock mic cartridge has much higher output than a PC headset mic. Before I go hunting for a mic preamp, could somebody please prove me wrong?

73 de KO4XL Bruce

--- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce" <ko4xl@...> wrote:
>
> I've dug a little deeper and am still having no success. Here's what I know so far:
>
> Opening the stock mike and using an ohmmeter, I see that ring goes to the PTT switch and tip goes to the mike cartridge. (The other side of both the switch and the mike cartridge are tied to sleeve (ground). At the radio, when PTT is grounded (active), tip goes from open circuit to about +7 volts (relative to sleeve ground). I assume this is the bias voltage needed to power the electret cartrige in the stock mike. However, hooking a different electret cartridge (from a pc headset) across tip and sleeve (yes, I got the polarity correct!) and grounding ring (PTT) does not give me any audio. What am I missing?
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@> wrote:
> >
> >
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce" <ko4xl@> wrote:
> > >
> > > A few folks here have mentioned replacing the stock mic. Can someone post the connector pinout? I tried opening the back of the mic but there are more than 3 wires in the cable!
> > >
> >
> > These are "re-purposed" speaker mics, such as are used on the Chinese HTs. The 4th wire is connected to the un-used headphone jack. Sleeve is ground, of course. Use your ohm meter to see which give a closure to ground when the PTT button is activated. The other will be the microphone line.
> >
> > I think this issue was discussed when people were having problems with the QC on the soldering in the microphone plug. Search the messages for that issue.
> >
> > 73 /paul W3FIS
> >
>

1273. Re: X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-05 08:23:06 UTC
From: pezcat19
Topic: 1231 Message: 1273

Hello Heath.

Can you please give us a little more info on the results?

Although you found the serial number has changed to FFFFFFFF, does the radio work? If there have been improvements and/or changes we would all love to know. Personally I am not concerned if it is only the SN that is not displaying correctly. If the radio does in fact work with the new FW, then the group would be keen to know if problems relating to CW offsets, etc are resolved.

Also, have you tried the "Re-Writable" button (the third software button from the left?) I wonder if this is used to set the S/N???

Thanks for putting your hand up to test this stuff - it is greatly appreciated!

Cheers,

Perrin

--- In X1M_QRP-Transceiver@yahoogroups.com, "Heath - VK3TWO / VK6TWO" <vk3two@...> wrote:
>
> Hi Fred,
>
> As you can see in the youtube video, All i used was the DB-9 to DB-9
> adapter (also used for CAT) and a generic USB to Serial converter.
>
> The software automatically detects the COM port, so if you have more than
> one, you may have to manually change it.
>
> 73's
>
> Heath VK3TWO / VK6TWO
> MEngSc, GDipCompSc, DipEE
> VK3TWO Website <http://sites.google.com/site/actionman5/>
>
> DSTAR <http://www.dstar.org.au/what_is_dstar.htm> - Co-ordinator (WA)
> Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
> WA Repeater Group <http://www.warg.org.au> ☐ Committee
> WA VHF Group <http://www.wavhfgroup.org.au/> ☐ Committee
> Wireless Institute Civil Emergency
> Network<http://www.wia.org.au/members/emcom/wicen/>☐ President &
> Technical Officer (WA)
> Wireless Institute of Australia <http://www.wia.org.au> ☐ State Advisory
> Committee <http://www.wia.org.au/members/advisories/about/> (WA)
> Wireless Institute of Australia - State Emergency
> Comms<http://www.wia.org.au/members/emcom/about/>co-ordinator (WA)

> <spooktech@...> <http://www.spooktech.net>
>

1274. What do you do with a 1st Edition X1M (not Pro or Platinum, just plain)?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-06 01:09:03 UTC
From: <nilsyoung@...>
Topic: 1274 Message: 1274

Gang,

1. It appears that since the Dayton Hamvention, the X1M which I purchased there has been superseded by something new but not necessarily better. (No, I don't check in that often.)

2. If there is a new downloadable firmware that would turn my X1M into the radio it should have been before I bought it, I'd like to know (a) where it is and (b) if it works.

3. I suspect that the overheating/going-out-of-lock DDS VFO problem (which resulted in my putting a slice of tin on the VFO IC to cool it off & thus stabilize things) has not been addressed by the manufacturer.

4. If there was a "here's mine/fix it & send it back to me" program, that would be nice too.

5. In consideration of all of the above, I have a few options: (a) I put it in my range bag for the next time I want to scare myself with Soviet era firearms; (b) I take my lumps & try it out every once in a while just to remind myself that I spent $300 on it; (c) I put it in the box with all the other esoterica that I'm saving for the estate auction; or (d) I try to sell it. And option (e) I give it to someone to run options (a) through (d) on their own.

Unless, of course, items in paragraphs 1. through 4. are addressed in some manner that would resolve my having to consider paragraph 5.

73

Nils R. B. Young
W8IJN

1275. Re: X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-06 02:59:47 UTC
From: Heath - VK3TWO / VK6TWO
Topic: 1231 Message: 1275

Given my serial number was 13 (unlucky?) I was on an older firmware dated 18th July. What appeard to happen was it updated the firmware to 20th july version, which I suspect most X1M PRO users out there already have. As such, I suggest that if your firmware is already dated 20th July, don't bother with this update. If however you're on the 18th July firmware, it *MAY* be of benefit to upgrade though I don't recommend it as it will void your warranty with little potential to gain.

I haven't noticed any other 'issues' other than the FFFFFF serial number, but I haven't done any extensive testing to confirm/deny this.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
VK3TWO Website <http://sites.google.com/site/actionman5/>

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WA VHF Group <http://www.wavhfgroup.org.au/> – Committee
Wireless Institute Civil Emergency
Network<http://www.wia.org.au/members/emcom/wicen/>– President &
Technical Officer (WA)
Wireless Institute of Australia <http://www.wia.org.au> – State Advisory
Committee <http://www.wia.org.au/members/advisories/about/> (WA)
Wireless Institute of Australia - State Emergency
Comms<http://www.wia.org.au/members/emcom/about/>co-ordinator (WA)
<spooktech@...> <http://www.spooktech.net>

1276. Re: [X1M_QRP-Transceiver] Re: X1M-PRO. New Firmware Available!!! ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-06 12:19:26 UTC
From: Ken Downs
Topic: 1231 Message: 1276

Heath,
I guess that this is good news, in a way. Perhaps a revised firmware to correct the July 20 version is coming soon. From what I have heard, the July 20 version broke some things which used to work. Maybe they will get it right this time.
73,
Ken, W1KRT
X1M #41

On Sep 5, 2013, at 10:59 PM, Heath - VK3TWO / VK6TWO wrote:

Given my serial number was 13 (unlucky?) I was on an older firmware dated 18th July. What appeard to happen was it updated the firmware to 20th july version, which I suspect most X1M PRO users out there already have. As such, I suggest that if your firmware is already dated 20th July, don't bother with this update. If however you're on the 18th July firmware, it *MAY* be of benefit to upgrade though I don't recommend it as it will void your warranty with little potential to gain.

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Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
VK3TWO Website

DSTAR - Co-ordinator (WA)
Hills Amateur Radio Group - Technical Officer
WA Repeater Group – Committee
WA VHF Group – Committee
Wireless Institute Civil Emergency Network – President & Technical Officer (WA)
Wireless Institute of Australia – State Advisory Committee (WA)
Wireless Institute of Australia - State Emergency Comms co-ordinator (WA)

1277. X1M Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-06 13:31:09 UTC
From: Dale Parfitt
Topic: 1277 Message: 1277

Has anyone separated the top and bottom boards on the rig? I have a mod that I would like to do that would give us another 20dB+ gain from the LM-386 but I will have to have access to the bottom of the top board.

Dale W4OP

1278. RE: What do you do with a 1st Edition X1M (not Pro or Platinum, just plain)?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-06 17:24:15 UTC
From: <ko4xl@...>
Topic: 1274 Message: 1278

Nils,

Do you really find the original X1M all that bad? True, it's not up to the level of any mainstream QRP radio, but you also paid a fraction of the mainstream price.

Personally, I'm having a ball with my "original flavor" X1M. I'm not trying to win any contests or collect any wallpaper with it, but I've made plenty of QSOs on multiple bands in both CW and SSB, all with just low dipoles and a little patience. I'm currently building a little audio filter (NEScaf from New England QRP Group) to help separate CW stations and a mini longwire tuner (SOTA from qrpkits.com). The goal is a small, lightweight setup that I can pack when I go camping with my son's Boy Scout troop.

Maybe you need to ask yourself if what you really wanted was something like a KX3 or a FT-817. If yes, then eBay your X1M to someone who will appreciate it for what it is and put whatever you get for it towards the kilobuck that one of those rigs will cost you.

73 de KO4XL
Bruce

--- In x1m_qrp-transceiver@yahoogroups.com, <nilsyoung@...> wrote:

Gang,

1. It appears that since the Dayton Hamvention, the X1M which I purchased there has been superseded by something new but not necessarily better. (No, I don't check in that often.)

2. If there is a new downloadable firmware that would turn my X1M into the radio it should have been before I bought it, I'd like to know (a) where it is and (b) if it works.

3. I suspect that the overheating/going-out-of-lock DDS VFO problem (which resulted in my putting a slice of tin on the VFO IC to cool it off & thus stabilize things) has not been addressed by the manufacturer.

4. If there was a "here's mine/fix it & send it back to me" program, that would be nice too.

5. In consideration of all of the above, I have a few options: (a) I put it in my range bag for the next time I want to scare myself with Soviet era firearms; (b) I take my lumps & try it out every once in a while just to remind myself that I spent $300 on it; (c) I put it in the box with all the other esoterica that I'm saving for the estate auction; or (d) I try to sell it. And option (e) I give it to someone to run options (a) through (d) on their own.

Unless, of course, items in paragraphs 1. through 4. are addressed in some manner that would resolve my having to consider paragraph 5.

73

Nils R. B. Young
W8IJN

1280. Re: What do you do with a 1st Edition X1M (not Pro or Platinum, just plain)?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-06 19:09:56 UTC
From: kf9cm
Topic: 1274 Message: 1280

Sorry Guys, I'll try this again. My last post didn't go through.

Several hams and myself are still waiting for Kight Radio to get their shipment of X1M's in. I sent my second radio for return more than a month ago and I'm still waiting for the replacement. I know Dale of Kight Radio is not at fault here, it's the Chinese manufacture. My second return radio had no output on 10 meters. It was probably a bad solder joint and I could have fixed it myself, but because it was under warranty and I sent it back. The last time I talked to Dale was three weeks ago he said he was expecting the radios in any day now. If anyone has an update from Dale on the status of these radios I wish they would relay the information to all of us here in the group. It's getting to the point where I wish I had my previous X1M back and I could repair it. In my opinion the original X1M could be brought back up to specs for region #2 with the software upgrade. IMHO if the Chinese manufacture the X1M is having this much trouble with the 5 W rig, then nobody's going touch the 20 W rig when it comes out.

73 de Gary, KF9CM

1281. Re: [X1M_QRP-Transceiver] Re: What do you do with a 1st Edition X1M (not Pro or Platinum, just plain)?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-06 19:27:13 UTC
From: Ken Downs
Topic: 1274 Message: 1281

Gary & All,
Please be patient. I like to think the delay may be due to the manufacturer not shipping any more units until they get the firmware right. The most current X1M firmware I am aware of is dated July 20 and has some serious problems. Those of us who have these units can use them, but they are severely crippled and need a firmware update to be fully functional up to the limits of the hardware design. We (those of us with current model rigs) think the major firmware problems have been identified and hope that the manufacturer is working to solve them AND have the corrected firmware verified by a competent ham (who understands what the firmware is supposed to do) BEFORE they ship additional units. Time will tell.
I have no connection with the company or any distributor and am privy to no inside information. I'm just an optimistic owner.
Ken, W1KRT

On Sep 6, 2013, at 2:58 PM, kf9cm wrote:

Several hams and myself are still waiting for Kight Radio to get their shipment of X1M's in. I sent my second radio for return more than a month ago and I'm still waiting for the replacement. I know Dale of Kight Radio is not at fault here, it's the Chinese manufacture. My second return radio had no output on 10 meters. It was probably a bad solder joint and I could have fixed it myself, but because it was under warranty and I sent it back. The last time I talked to Dale was three weeks ago he said he was expecting the radios in any day now. If anyone has an update from Dale on the status of these radios I wish they would relay the information to all of us here in the group. It's getting to the point where I wish I had my previous X1M back and I could repair it. In my opinion the original X1M could be brought back up to specs for region #2 with the software upgrade. IMHO if the Chinese manufacture the X1M is having this much trouble with the 5 W rig, then nobody's going touch the 20 W rig when it comes out.

73 de Gary, KF9CM

1282. Re: [X1M_QRP-Transceiver] Re: What do you do with a 1st Edition X1M (not Pro or Platinum, just plain)?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-06 19:37:59 UTC
From: Ken Downs
Topic: 1274 Message: 1282

Correction & Apology
I have been in touch with SOME other owners of current rigs, and I think the major problems have been identified. Etc, Etc. I did not mean to speak for anyone else. My comments were mine alone. Sorry.
73
Ken, W1KRT

On Sep 6, 2013, at 3:27 PM, Ken Downs wrote:

Gary & All,

Please be patient. I like to think the delay may be due to the manufacturer not shipping any more units until they get the firmware right. The most current X1M firmware I am aware of is dated July 20 and has some serious problems. Those of us who have these units can use them, but they are severely crippled and need a firmware update to be fully functional up to the limits of the hardware design. We (those of us with current model rigs) think the major firmware problems have been identified and hope that the manufacturer is working to solve them AND have the corrected firmware verified by a competent ham (who understands what the firmware is supposed to do) BEFORE they ship additional units. Time will tell.
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73 de Gary, KF9CM

1283. RE: X1M Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-07 11:50:55 UTC
From: <bobgoyetche@...>
Topic: 1277 Message: 1283

it's not too bad, VK3TWO has put instructions on youtube http://youtu.be/Udc0Zf_HoxY

a bit tricky to reassemble, but patience and good lighting helps.

Bob VE2PDT

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Has anyone separated the top and bottom boards on the rig? I have a mod that I would like to do that would give us another 20dB+ gain from the LM-386 but I will have to have access to the bottom of the top board.

Dale W4OP

1284. Re: RIT Function

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-07 12:43:24 UTC
From: Heath - VK3TWO / VK6TWO
Topic: 1268 Message: 1284

Fred,

I highly doubt that this supposed 'NEW' firmware which several of us have just just tried is actually 'NEW'. Whilst it's been 'newly' available for us to do the 'upgrade' ourselves, it's dated 20th July, so it's the same date that perhaps most PRO users have anyway, now some 6 weeks old.

I've been providing the factory with feedback on most points people have been discussing on this list, as well as points people have emailed me privately. Many of these points have been in the last couple of weeks, and some as recent as last week.

I doubt that we will see a firmware update made public for quite a while, though fingers are crossed that the latest shipped radios will already have corrected firmware.

A point to note here, is that the firmware has NO EFFECT on the alignment settings, so a firmware update will not automatically fix the issues with IF Offset's and the terrible default LSB BFO settings.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
VK3TWO Website <http://sites.google.com/site/actionman5/>

DSTAR <http://www.dstar.org.au/what_is_dstar.htm> - Co-ordinator (WA)
Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
WA Repeater Group <http://www.warg.org.au> – Committee
WA VHF Group <http://www.wavhfgroup.org.au/> – Committee
Wireless Institute Civil Emergency
Network<http://www.wia.org.au/members/emcom/wicen/>– President &
Technical Officer (WA)
Wireless Institute of Australia <http://www.wia.org.au> – State Advisory
Committee <http://www.wia.org.au/members/advisories/about/> (WA)
Wireless Institute of Australia - State Emergency
Comms<http://www.wia.org.au/members/emcom/about/>co-ordinator (WA)
<spooktech@...> <http://www.spooktech.net>

1285. Re: X1M Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-07 12:46:16 UTC
From: Heath - VK3TWO / VK6TWO
Topic: 1285 Message: 1285

Dale,

Check out my youtube videos of desassembly and re-assembly of the radio.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
VK3TWO Website <http://sites.google.com/site/actionman5/>

DSTAR <http://www.dstar.org.au/what_is_dstar.htm> - Co-ordinator (WA)
Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
WA Repeater Group <http://www.warg.org.au> – Committee
WA VHF Group <http://www.wavhfgroup.org.au/> – Committee
Wireless Institute Civil Emergency
Network<http://www.wia.org.au/members/emcom/wicen/>– President &
Technical Officer (WA)
Wireless Institute of Australia <http://www.wia.org.au> – State Advisory
Committee <http://www.wia.org.au/members/advisories/about/> (WA)
Wireless Institute of Australia - State Emergency
Comms<http://www.wia.org.au/members/emcom/about/>co-ordinator (WA)
<spooktech@...> <http://www.spooktech.net>

1286. Re: What do you do with a 1st Edition X1M (not Pro or Platinum, just

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-07 12:55:31 UTC
From: Heath - VK3TWO / VK6TWO
Topic: 1286 Message: 1286

Ken,

I'm curious to know what in the latest version of firmware is so
'cripling'?
There are many operators using their X1M PRO daily with successful results.
After increasing the mic gain, re-aligning the IF Offset and LSB BFO, I'm
quite happy with the radio.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
VK3TWO Website <http://sites.google.com/site/actionman5/>

DSTAR <http://www.dstar.org.au/what_is_dstar.htm> - Co-ordinator (WA)
Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
WA Repeater Group <http://www.warg.org.au> – Committee
WA VHF Group <http://www.wavhfgroup.org.au/> – Committee
Wireless Institute Civil Emergency
Network<http://www.wia.org.au/members/emcom/wicen/>– President &
Technical Officer (WA)
Wireless Institute of Australia <http://www.wia.org.au> – State Advisory
Committee <http://www.wia.org.au/members/advisories/about/> (WA)
Wireless Institute of Australia - State Emergency
Comms<http://www.wia.org.au/members/emcom/about/>co-ordinator (WA)
<spooktech@...> <http://www.spooktech.net>

1287. Re: [X1M_QRP-Transceiver] Re: X1M Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-07 12:57:33 UTC
From: Dale Parfitt
Topic: 1285 Message: 1287

Thanks Heath- will do,

Dale
----- Original Message -----
From: Heath - VK3TWO / VK6TWO
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, September 07, 2013 8:46 AM
Subject: [X1M_QRP-Transceiver] Re: X1M Boards

Dale,

Check out my youtube videos of desassembly and re-assembly of the radio.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
VK3TWO Website

DSTAR - Co-ordinator (WA)
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WA VHF Group – Committee
Wireless Institute Civil Emergency Network – President & Technical Officer (WA)
Wireless Institute of Australia – State Advisory Committee (WA)
Wireless Institute of Australia - State Emergency Comms co-ordinator (WA)

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6644 - Release Date: 09/06/13

1288. RE: X1M Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-07 14:06:32 UTC
From: <orders@...>
Topic: 1277 Message: 1288

Dale -- are you looking to add a 10 uf cap across pins 1&8 to get the lm386 to the '200' or 46 db level? I just happen to be reading about the lm386 about when I saw this email and laughed a bit. Anyway -- I haven't checked the schematics of the rig yet to see if they are running on the 26 db gain level but your email makes me thing they are.

Hope that's the case. How pulling it all apart is not to bad. And I hope dropping a cap/doing the mod is easy and works! That would be fantastic news!

-Chris
KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <bobgoyetche@...> wrote:

it's not too bad, VK3TWO has put instructions on youtube http://youtu.be/Udc0Zf_HoxY

a bit tricky to reassemble, but patience and good lighting helps.

Bob VE2PDT

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Dale W4OP

1289. RE: RIT Function

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-07 14:10:58 UTC
From: <orders@...>
Topic: 1268 Message: 1289

Hi Heath,

Thanks for everything you are doing to communicate back to the factory for all of us -- I personally really appreciate knowing that someone who is active in both communities is actively participating around here. So a big old hat tip to you from me!

I'm curious to know more details about why the firmware has no effect on the alignment settings? I'd appreciate a deeper understanding of that sentence. You can PM me if you like or post it here. Give it to me in all the technical/electrical details!

Anyway -- thanks again,
-Chris
KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <vk3two@...> wrote:

Fred,

I highly doubt that this supposed 'NEW' firmware which several of us have just just tried is actually 'NEW'. Whilst it's been 'newly' available for us to do the 'upgrade' ourselves, it's dated 20th July, so it's the same date that perhaps most PRO users have anyway, now some 6 weeks old.

I've been providing the factory with feedback on most points people have been discussing on this list, as well as points people have emailed me privately. Many of these points have been in the last couple of weeks, and some as recent as last week.

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A point to note here, is that the firmware has NO EFFECT on the alignment settings, so a firmware update will not automatically fix the issues with IF Offset's and the terrible default LSB BFO settings.

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Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
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DSTAR (http://www.dstar.org.au/what_is_dstar.htm) - Co-ordinator (WA)
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Wireless Institute of Australia - State Emergency Comms (http://www.wia.org.au/members/emcom/about/) co-ordinator (WA)
(http://www.spooktech.net)

1290. RE: X1M Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-07 14:18:16 UTC
From: <orders@...>
Topic: 1277 Message: 1290

I stand corrected -- looking at the original schemastics I finally found it. Looks like they've got the cap and resister jumping those pins which sets it at the '50' level about or at least between 20 and 200. So I'm going to guess your mod is to remove the resistor from the circuit and let it go to '200' with just the cap in series.

I'm really enjoying playing 'guess the mod'! It reminds me of how I learned computers -- I'd break them while my dad was at work. Things like delete the entire windows 3.1 directory, or set a password on a screen saver and then forget it, etc. When my dad would get home he'd call my uncle who would come over and fix it. So I started to basically try and guess how to fix it before he would get home so my uncle didn't get called. For some reason trying to guess your mod before you tell us sort of reminds me of that learning process.

So it goes.
-Chris
KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Dale -- are you looking to add a 10 uf cap across pins 1&8 to get the lm386 to the '200' or 46 db level? I just happen to be reading about the lm386 about when I saw this email and laughed a bit. Anyway -- I haven't checked the schematics of the rig yet to see if they are running on the 26 db gain level but your email makes me thing they are.

Hope that's the case. How pulling it all apart is not to bad. And I hope dropping a cap/doing the mod is easy and works! That would be fantastic news!

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a bit tricky to reassemble, but patience and good lighting helps.

Bob VE2PDT

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Has anyone separated the top and bottom boards on the rig? I have a mod that I would like to do that would give us another 20dB+ gain from the LM-386 but I will have to have access to the bottom of the top board.

Dale W4OP

1291. RE: Microphone wiring

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-07 14:22:06 UTC
From: <orders@...>
Topic: 591 Message: 1291

Thanks Bruce! I appreciate you sharing with the group! I haven't hit the point yet where this is helpful but I do know its coming. As I'm working on the audio compression circuit my buddy and I have talked about just going all out and making a whole new mic... and if we play with that idea-- this will be super helpful!

Thanks for sharing and enjoy your new setup!
-Chris
KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <ko4xl@...> wrote:

I just uploaded the schematic of my connections to the files section. Sometimes a picture is worth a thousand texts!

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Awesome Bruce! I know mic *has* a red led on the front but I don't think I've seen it come on when I TX. I wonder if my LED is not wired up right and reducing the output of the mic... much like your computer mic without the led in series... I'm going to have to dig into this one. Thanks for the hot tip!/ring/sleeve! (couldn't pass up the bad pun...)

-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

THE MICROPHONE PUZZLE IS SOLVED!

I read all the recent discussions about digital mode hookups and the light went on for me when somebody mentioned the bias current being incorrect. That's when it hit me: the X1M needs the extra current draw from the PTT LED in the mic! As soon as I added a red LED in series with 4.7k between tip and ring of the mic plug, my PC headset mic started working.

I now have a very nice little adapter to use my PC headset on the X1M. Here are the final connections:

X1M Sleeve ------------------- (GND) ------------------ Mic Sleeve

X1M Ring ------------ Pushbutton --------- GND
X1M Ring ------------ |< -LED+ ------- 4.7k ----- X1M Tip

X1M Tip ----------- Mic Tip & Mic Ring

The pushbutton acts as PTT when I'm using the headset. When I get around to it I'll add a NO jack across the pushbutton for a foot switch and have full hands-free operation.

Hope this helps anyone who's trying to do something similar. Give me a shout if you have any questions.

73 de KO4XL
Bruce

--- In x1m_qrp-transceiver@yahoogroups.com, <ko4xl@...> wrote:

OK, so last night I bit the bullet and completely traced the circuitry inside the stock mic. The only additional components are:

- A .01uf disc cap across the mic cartridge. I assume this is just there for RF bypass and high frequency rolloff. It shouldn't be required for the mic to function, right?
- A 4k7 resistor in series with an LED between tip and ring. This is obviously the transmit light on the front of the mic.

There are a few other items related to the disabled speaker in the stock mic. For the X1M, none of these are ever in-circuit.

After looking at all this, the only conclusion I can reach is that the stock mic cartridge has much higher output than a PC headset mic. Before I go hunting for a mic preamp, could somebody please prove me wrong?

73 de KO4XL Bruce

--- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce" <ko4xl@...> wrote:
>
> I've dug a little deeper and am still having no success. Here's what I know so far:
>
> Opening the stock mike and using an ohmmeter, I see that ring goes to the PTT switch and tip goes to the mike cartridge. (The other side of both the switch and the mike cartridge are tied to sleeve (ground). At the radio, when PTT is grounded (active), tip goes from open circuit to about +7 volts (relative to sleeve ground). I assume this is the bias voltage needed to power the electret cartrige in the stock mike. However, hooking a different electret cartridge (from a pc headset) across tip and sleeve (yes, I got the polarity correct!) and grounding ring (PTT) does not give me any audio. What am I missing?
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@> wrote:
> >
> >
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce" <ko4xl@> wrote:
> > >
> > > A few folks here have mentioned replacing the stock mic. Can someone post the connector pinout? I tried opening the back of the mic but there are more than 3 wires in the cable!
> > >
> >
> > These are "re-purposed" speaker mics, such as are used on the Chinese HTs. The 4th wire is connected to the un-used headphone jack. Sleeve is ground, of course. Use your ohm meter to see which give a closure to ground when the PTT button is activated. The other will be the microphone line.
> >
> > I think this issue was discussed when people were having problems with the QC on the

soldering in the microphone plug. Search the messages for that issue.
> >
> > 73 /paul W3FIS
> >
>

1292. RE: What do you do with a 1st Edition X1M (not Pro or Platinum, just plain)?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-07 14:46:42 UTC
From: <orders@...>
Topic: 1274 Message: 1292

Hi Nils,

If those are your options I think you are still squarely in the #5 paragraph options but let me answer your questions directly first.

1) Yes - that is true. From what I can tell it is 'mostly' a head unit/display upgrade and the firmware to support that. There are other changes isn the firmware as well. And yes it isn't 'perfect' either.

2) Nope. No new downloadable firmware yet for the ver II (or PRO for that matter). If you are willing to parse our your sentence more about what make is not the radio 'it should have been' for you... there might be some tricks and tips from folks to help minimize those down to a few firmware/hardware pieces. I know going back through the past messages if you haven't been reading them is like finding a needle in a haystack. I personally and more than happy to point people back to things that already have been said if they can't find them.

3) This one I don't know. I do remember reading somewhere that when running at 13.8v it was getting really hot but at 12v it was much cooler. If you are running at 13.8vs you might try 12v and see if the problem is just as bad. I'd actually be curious to know the answer even if you decide not to keep the rig.

4) Also not that I know of. If it is broken, broken broken as in bad solder joints, etc. I know Ed and Dale have been dealing with those. But for the firmware and reduced 40m band coverage, low audio, etc. nothing that I've heard of yet.

5) I can't say much to this one except I really hope you'd sell it or give it away if a & b are you main options. I personally am having a blast with the exact fact that the little rig isn't perfect. It is giving me a reason to dig deeper into understanding radios on the circuit level! I'm new to HF and if I started with a working rig with buttons it would just be a button push to get my compressing in my audio... instead I'm sitting here locating an IC and design/copying a circuit around and it learning about each step of what each piece does. I know that takes time and it isn't how everyone is looking at the rig but I got to believe there are a few of out there. So if you decide the rig doesn't match what you want and you decide not to go 'Office space' on it .... find a ham who wants it for what it is. If you are willing to part with it a little cheaper than you paid or for free I know someone who might be interested in it. PM if that is the case.

-Chris
KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <krtdowns@...> wrote:

Correction & Apology
I have been in touch with SOME other owners of current rigs, and I think the major problems have been identified. Etc, Etc. I did not mean to speak for anyone else. My comments were

mine alone. Sorry.
73
Ken, W1KRT

On Sep 6, 2013, at 3:27 PM, Ken Downs wrote:

Gary & All,
Please be patient. I like to think the delay may be due to the manufacturer not shipping any more units until they get the firmware right. The most current X1M firmware I am aware of is dated July 20 and has some serious problems. Those of us who have these units can use them, but they are severely crippled and need a firmware update to be fully functional up to the limits of the hardware design. We (those of us with current model rigs) think the major firmware problems have been identified and hope that the manufacturer is working to solve them AND have the corrected firmware verified by a competent ham (who understands what the firmware is supposed to do) BEFORE they ship additional units. Time will tell. I have no connection with the company or any distributor and am privy to no inside information. I'm just an optimistic owner.
Ken, W1KRT

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Several hams and myself are still waiting for Kight Radio to get their shipment of X1M's in. I sent my second radio for return more than a month ago and I'm still waiting for the replacement. I know Dale of Kight Radio is not at fault here, it's the Chinese manufacture. My second return radio had no output on 10 meters. It was probably a bad solder joint and I could have fixed it myself, but because it was under warranty and I sent it back. The last time I talked to Dale was three weeks ago he said he was expecting the radios in any day now. If anyone has an update from Dale on the status of these radios I wish they would relay the information to all of us here in the group. It's getting to the point where I wish I had my previous X1M back and I could repair it. In my opinion the original X1M could be brought back up to specs for region #2 with the software upgrade. IMHO if the Chinese manufacture the X1M is having this much trouble with the 5 W rig, then nobody's going touch the 20 W rig when it comes out.

73 de Gary, KF9CM

1293. Re: What do you do with a 1st Edition X1M (not Pro or Platinum, just plain)?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-06 19:03:30 UTC
From: kf9cm
Topic: 1274 Message: 1293

Several hams and myself are still waiting for Kight Radio to get their shipment of X1M's in. I sent my second radio for return more than a month ago and I'm still waiting for the replacement. I know Dale of Kight Radio is not at fault here, it's the Chinese manufacture. My second return radio had no output on 10 meters. It was probably a bad solder joint and I could have fixed it myself, but because it was under warranty, I sent it back. The last time I talked to Dale was three weeks ago he said he was expecting the radios in any day now. If anyone has an update from Dale on the status of these radios, I wish they would relay the information to all of us here in the group. It's getting to the point where I wish I had my previous X1M back then I could repair it.
In my opinion the original X1M could be brought back up to specs for region #2 with the software upgrade. IMHO if the Chinese manufacture the X1M is having this much trouble with the 5 W rig, then nobody's going touch the 20 W rig when it comes out.

73 de Gary, KF9CM

1294. 20w model specs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-07 16:29:01 UTC
From: Fred VE3FAL
Topic: 1294 Message: 1294

Just did a translation and interesting indeed, the ALE stuff too is eye catching, lets get one resolve first and see what happens next.

Fred

Ve3fal

Top of Form

20W HF SSB radio communication can be used to carry the road or fixed units, with confidential confidentiality machine can make voice calls; equipped with 125W power amplifier can be used for automotive mobile communications, with data transmission interface.
The station successfully applied automatically selects the best contemporary art channel and Automatic Link Establishment (ALE) communication technology, using computer control, digital signal processing, with very excellent electronic oppose anti-(ECCM) performance, to ensure that the various harsh electrical environment to achieve reliable communication.

The main technical indicators:
1 Frequency range: 2.0000 ~ 29.9999MHz (channel spacing 100Hz)
(2) Job Type: upper sideband, then lower sideband words, at
3 Frequency stability: ± 1 × 10-6
4 Storage channel: 100
5 Power supply: DC 12V, negative ground.
6 Power consumption: receiving state less than 500mA, the sender state is less than 5A
7 Dimensions: 97 (mm) × 40 (mm) × 155 (mm)
Transmitter Performance
1 Output power: High power 20W, low power 5W
2 Intermodulation Distortion: ≤-25dB
3 unwanted sideband suppression: ≤-40dB
4 carrier suppression: ≤-40dB

Receiver Performance
1 Sensitivity: SSB ≤ 1μV (S + N / N = 12dB)
CW ≤ 0.5μV (S + N / N = 12dB)
2, the image frequency suppression: ≥ 80dB
3.AGC: 12μV signal input from the antenna terminal increases 80dB, output changes less than 6dB
4 Audio response: 350 ~ 2800Hz not inferior to 6dB.
5 Output power: Rated output 10mV

Automatic Link Establishment ALE performance
An adaptive call types: single call, web call, all call
2 Channel Scan Speed: 5 channels / second

3. Meet MIL-STD-188-141A standard

Automatic Antenna Tuner Performance
An Automatic Antenna Tuner Tuning Time: <5S
(2) Tuning accuracy: VSWR better than 2

Undo edits

Alpha

Is this translation better than the original?

Yes, submit translation

Thank you for your submission.

Example usage of "":

automatically translated by Google

Please help Google Translate improve quality for your language here.

1295. Re: [X1M_QRP-Transceiver] What do you do with a 1st Edition X1M (not Pro or Platinum, just pla

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-07 16:46:31 UTC
From: sbjohnston@...
Topic: 1295 Message: 1295

I too bought an X1M at the Dayton show. While I was able to adjust the frequencies of the various offsets to get the radio usable on both sidebands, and get the sidetone and mic level adjusted, the radio is still not usable on the upper sections of the 75 and 40 meter bands which is important to me.

The most recent word from the dealer is that since the radio met the published specifications, he cannot accept it for refund or exchange for a radio that covers the bands fully. I do not consider this acceptable, as he told me that the radio has transmit filters for the 80, 40, 20, 15, and 10 meter bands, and I don't think it unreasonable to have assumed that he was talking about the US bands. As far as any specs, there was nothing - I was given the radio in a plain white box, no manual or specs. So all I had to go by was what was said verbally.

For $300 I learned a lesson: Now I know not to buy anything from Import Communciations. So far that has only benefited my employer, though. We were shopping for a considerable number of VHF portables this year and Import Communciations would have been one of the likely sources. After the experience with the X1M instead I turned to Main Trading Company. Two of the portables did not do what was expected of them and they were replaced with good units within three days. That's the way to handle such problems.

Steve WD8DAS

sbjohnston@...
http://www.wd8das.net/

Radio is your best entertainment value.

1296. Re: [X1M_QRP-Transceiver] 20w model specs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-07 17:07:29 UTC
From: Ken Downs
Topic: 1294 Message: 1296

Thanks, Fred.
With ALE, crypto capabilities, and counter-counter measures, I don't think they have the amateur radio market in mind for this rig.
I'll be satisfied if they just fix the X1M.
73,
Ken, W1KRT

On Sep 7, 2013, at 12:29 PM, Fred VE3FAL wrote:

Just did a translation and interesting indeed, the ALE stuff too is eye catching, lets get one resolve first and see what happens next.

Fred

Ve3fal

Top of Form

20W HF SSB radio communication can be used to carry the road or fixed units, with confidential confidentiality machine can make voice calls; equipped with 125W power amplifier can be used for automotive mobile communications, with data transmission interface.
The station successfully applied automatically selects the best contemporary art channel and Automatic Link Establishment (ALE) communication technology, using computer control, digital signal processing, with very excellent electronic oppose anti-(ECCM) performance, to ensure that the various harsh electrical environment to achieve reliable communication.

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1 Sensitivity: SSB ≤ 1μV (S + N / N = 12dB)
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Automatic Link Establishment ALE performance
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Automatic Antenna Tuner Performance
An Automatic Antenna Tuner Tuning Time: <5S
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Undo edits

Alpha

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Example usage of "":

automatically translated by Google

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1297. Re: [X1M_QRP-Transceiver] X1M Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-07 17:04:05 UTC
From: Charlie , W5COV
Topic: 1277 Message: 1297

I have separated them Dale . Just watch the connector that joins the two boards . The male piece has fewer pins than the female sockets , is the only real caution .

Charlie
On 9/6/2013 8:31 AM, Dale Parfitt wrote:
>
> Has anyone separated the top and bottom boards on the rig? I have a
> mod that I would like to do that would give us another 20dB+ gain
> from the LM-386 but I will have to have access to the bottom of the
> top board.
> Dale W4OP
>

1298. Re: What do you do with a 1st Edition X1M (not Pro or Platinum, just plain)?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-07 19:12:43 UTC
From: John Golub
Topic: 1274 Message: 1298

Hello Gary and Folks,

I'll second the head's up on any info from Kight Radio or elsewhere. Dale's last reply was August 20, and that was saying the radios were due in within a week or less. I'm going to give it another week or so from now before I ask Dale again. But yeah, this wait is getting a bit long now.

I had a radio in hand back in May. I also could've done a fix, but a warrantee is a warrantee. I really wanted to play around with the radio this summer. However, it looks like it may be closer to Fall before I might get a replacement . . . and I'm being hopeful here. So yeah, any heads up info from anyone/anywhere would be great. For $300, I knew the radio wouldn't be a perfect from the get go. However, this whole process of waiting has started to sour me towards it a bit. I'd rather have a radio than my money back. I'm very patient, though I do have my limits. Sorry for the rant here folks.

So . . . any success stories with the rig? That might be nice to hear in the mean time between the issues and such.

Take Care,
John Golub
KC8JZO

1299. Re: X1M Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-07 19:15:46 UTC
From: John Golub
Topic: 1277 Message: 1299

Hello Guys,

"So I'm going to guess your mod is to remove the resistor from the circuit and let it go to '200' with just the cap in series."

Would that resistor be in place to keep one from blowing their eardrums out with headphones on? Just a question.

John G.
KC8JZO

1300. Re: [X1M_QRP-Transceiver] X1M Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-07 20:38:15 UTC
From: Dale Parfitt
Topic: 1277 Message: 1300

Thanks Charlie- busy day here, so no electronics.....yet.

Dale
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, September 07, 2013 1:04 PM
Subject: Re: [X1M_QRP-Transceiver] X1M Boards

I have separated them Dale . Just watch the connector that joins the two boards . The male piece has fewer pins than the female sockets , is the only real caution .

Charlie

On 9/6/2013 8:31 AM, Dale Parfitt wrote:

Has anyone separated the top and bottom boards on the rig? I have a mod that I would like to do that would give us another 20dB+ gain from the LM-386 but I will have to have access to the bottom of the top board.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6645 - Release Date: 09/07/13

1301. Re: [X1M_QRP-Transceiver] RE: X1M Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-07 20:54:48 UTC
From: Dale Parfitt
Topic: 1277 Message: 1301

No, this mod involves a series RC to ground from pin 1 and then another series RC to the output. Gains up to 74dB can be achieved with this technique- but stability becomes an issue when pushing to the hi end of this range.

Dale W4OP
----- Original Message -----
From: orders@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, September 07, 2013 10:18 AM
Subject: [X1M_QRP-Transceiver] RE: X1M Boards

I stand corrected -- looking at the original schemastics I finally found it. Looks like they've got the cap and resister jumping those pins which sets it at the '50' level about or at least between 20 and 200. So I'm going to guess your mod is to remove the resistor from the circuit and let it go to '200' with just the cap in series.

I'm really enjoying playing 'guess the mod'! It reminds me of how I learned computers -- I'd break them while my dad was at work. Things like delete the entire windows 3.1 directory, or set a password on a screen saver and then forget it, etc. When my dad would get home he'd call my uncle who would come over and fix it. So I started to basically try and guess how to fix it before he would get home so my uncle didn't get called. For some reason trying to guess your mod before you tell us sort of reminds me of that learning process.

So it goes.

-Chris

KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Dale -- are you looking to add a 10 uf cap across pins 1&8 to get the lm386 to the '200' or 46 db level? I just happen to be reading about the lm386 about when I saw this email and laughed a bit. Anyway -- I haven't checked the schematics of the rig yet to see if they are running on the 26 db gain level but your email makes me thing they are.

Hope that's the case. How pulling it all apart is not to bad. And I hope dropping a cap/doing the mod is easy and works! That would be fantastic news!

-Chris

KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <bobgoyetche@...> wrote:

it's not to o bad, VK3TWO has put instructions on youtube http://youtu.be/Udc0Zf_HoxY

a bit tricky to reassemble, but patience and good lighting helps.

Bob VE2PDT

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Has anyone separated the top and bottom boards on the rig? I have a mod that I would like to do that would give us another 20dB+ gain from the LM-386 but I will have to have access to the bottom of the top board.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6645 - Release Date: 09/07/13

1302. Re: [X1M_QRP-Transceiver] RE: Microphone wiring

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-07 23:42:32 UTC
From: Dale Parfitt
Topic: 591 Message: 1302

Hello Group,
While looking at the area around the LM386 I thought I would measure the resistor (R80C) that is in series with the 10uF electrolytic (C155C) between pins 1 and 8. The schematic shows 470 Ohms, so initially I had dismissed the mod that Chris mentioned as not being worthwhile because of the low gain improvement. It turns out on my Pro version at least the resistor is 1K. By shorting it out I got exactly 12dB of gain. Now, while there is likely still not enough system gain for AGC, it does make the rig much more lively (at least on my signal generator) with the internal speaker. No signs of instability. R80C is on the bottom of the top board and C155C is also on the bottom to the right of the LM386. Both are accessible without having to separate the boards.
I soldered a piece of #30 wire wrap to pin 1 on the bottom and a 2nd piece to the (+) side of C155C (10uF). By shorting these two together I could easily measure the voltage gain.
I'll put a jumper across R80C and see what it sounds like on the bands.

Chris- thank you for mentioning this mod, otherwise I likely would have dismissed it as not yielding enough gain.

More to follow,

Dale W4OP
----- Original Message -----
From: orders@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, September 07, 2013 10:22 AM
Subject: [X1M_QRP-Transceiver] RE: Microphone wiring

Thanks Bruce! I appreciate you sharing with the group! I haven't hit the point yet where this is helpful but I do know its coming. As I'm working on the audio compression circuit my buddy and I have talked about just going all out and making a whole new mic... and if we play with that idea-- this will be super helpful!

Thanks for sharing and enjoy your new setup!

-Chris

KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <ko4xl@...> wrote:

I just uploaded the schematic of my connections to the files section. Sometimes a picture is worth a thousand texts!

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Awesome Bruce! I know mic *has* a red led on the front but I don't think I've seen it come on when I TX. I wonder if my LE D is not wired up right and reducing the output of the mic... much like your computer mic without the led in series... I'm going to have to dig into this one. Thanks for the hot tip!/ring/sleeve! (couldn't pass up the bad pun...)

-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

THE MICROPHONE PUZZLE IS SOLVED!

I read all the recent discussions about digital mode hookups and the light went on for me when somebody mentioned the bias current being incorrect. That's when it hit me: the X1M needs the extra current draw from the PTT LED in the mic! As soon as I added a red LED in series with 4.7k between tip and ring of the mic plug, my PC headset mic started working.

I now have a very nice little adapter to use my PC headset on the X1M. Here are the final connections:

X1M Sleeve ------------------- (GND) ------------------ Mic Sleeve

X1M Ring ------------ Pushbutton --------- GND

X1M Ring ------------ |< -LED+ ------- 4.7k ----- X1M Tip

X1M Tip ----------- Mic Tip & Mic Ring

The pushbutton acts as PTT when I'm using the headset. When I get around to it I'll add a NO jack across the pushbutton for a foot switch and have full hands-free operation.

Hope this helps anyone who's trying to do something similar. Give me a shout if you have any questions.

73 de KO4XL

Bruce

--- In x1m_qrp-transceiver@yahoogroups.com, <ko4xl@...> wrote:

OK, so last night I bit the bullet and completely traced the circuitry inside the stock mic. The only additional components are:

- A .01uf disc cap across the mic cartridge. I assume this is just there for RF bypass and high frequency rolloff. It shouldn't be required for the mic to function, right?
- A 4k7 resistor in series with an LED between tip and ring. This is obviously the transmit light on the front of the mic.

There are a few other items related to the disabled speaker in the stock mic. For the X1M, none of these are ever in-circuit.

After looking at all this, the only conclusion I can reach is that the stock mic cartridge has much higher output than a PC headset mic. Before I go hunting for a mic preamp, could somebody please prove me wrong?

73 de KO4XL Bruce

--- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce" <ko4xl@...> wrote:
>
> I've dug a little deeper and am still having no success. Here's what I know so far:
>
> Opening the stock mike and using an ohmmeter, I see that ring goes to the PTT switch and

tip goes to the mike cartridge. (The other side of both the switch and the mike cartridge are tied to sleeve (ground). At the radio, when PTT is grounded (active), tip goes from open circuit to about +7 volts (relative to sleeve ground). I assume this is the bias voltage needed to power the electret cartrige in the stock mike. However, hooking a different electret cartridge (from a pc headset) across tip and sleeve (yes, I got the polarity correct!) and grounding ring (PTT) does not give me any audio. What am I missing?
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@> wrote:
> >
> >
> >
> > --- In X1M_QRP-Transceiver@...m, "Bruce" <ko4xl@> wrote:
> > >
> > > A few folks here have mentioned replacing the stock mic. Can someone post the connector pinout? I tried opening the back of the mic but there are more than 3 wires in the cable!
> > >
> >
> > These are "re-purposed" speaker mics, such as are used on the Chinese HTs. The 4th wire is connected to the un-used headphone jack. Sleeve is ground, of course. Use your ohm meter to see which give a closure to ground when the PTT button is activated. The other will be the microphone line.
> >
> > I think this issue was discussed when people were having problems with the QC on the soldering in the microphone plug. Search the messages for that issue.
> >
> > 73 /paul W3FIS
> >
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6646 - Release Date: 09/07/13

1303. Re: [X1M_QRP-Transceiver] RE: Microphone wiring

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-07 23:57:41 UTC
From: Charlie , W5COV
Topic: 591 Message: 1303

THANKS Dale !!

I have a kind of off topic question here .

Is there anyone on the group that maybe even has some type of printing business ? I would like to get very much enlarged copies of the present and future diagrams , to hang on the wall at the bench . Actually I would buy a couple of each. One for a working copy and one to laminate for a "clean copy."

I have vision problems at certain distances and it would sure be MUCH easier for me if I can buy some large diagrams .

I plan on having this radio for a long time and also later , doing some mods to it . I purchased mine to use as an exciter on the experimental bands and the ham bands are a very nice bonus in my case .

By the way I live in quite a rural area , so I don't have any of those companies anywhere close to me that do the kind of printing that I need done , so I am open to suggestions from the group too .

Charlie , W5COV

On 9/7/2013 6:42 PM, Dale Parfitt wrote:
>
> □
>
> Hello Group,
> While looking at the area around the LM386 I thought I would measure
> the resistor (R80C) that is in series with the 10uF electrolytic
> (C155C) between pins 1 and 8. The schematic shows 470 Ohms, so
> initially I had dismissed the mod that Chris mentioned as not being
> worthwhile because of the low gain improvement. It turns out on my Pro
> version at least the resistor is 1K. By shorting it out I got exactly
> 12dB of gain. Now, while there is likely still not enough system gain
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> I soldered a piece of #30 wire wrap to pin 1 on the bottom and a 2nd
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> Chris- thank you for mentioning this mod, otherwise I likely would
> have dismissed it as not yielding enough gain.

> More to follow,
> Dale W4OP
> ----- Original Message -----
>
> *From:* orders@... <mailto:orders@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Saturday, September 07, 2013 10:22 AM
> *Subject:* [X1M_QRP-Transceiver] RE: Microphone wiring
>
> Thanks Bruce! I appreciate you sharing with the group! I haven't
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> As I'm working on the audio compression circuit my buddy and I
> have talked about just going all out and making a whole new mic...
> and if we play with that idea-- this will be super helpful!
>
> Thanks for sharing and enjoy your new setup!
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> -Chris
>
> KC8MUS
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> --- In x1m_qrp-transceiver@yahoogroups.com, <ko4xl@...> wrote:
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> I just uploaded the schematic of my connections to the files
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> your computer mic without the led in series... I'm going to have
> to dig into this one. Thanks for the hot tip!/ring/sleeve!
> (couldn't pass up the bad pun...)
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> -Chris
>
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> --- In X1M_QRP-Transceiver@yahoogroups.com,
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> X1M Ring ---------- |< -LED+ ------- 4.7k ----- X1M Tip
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> X1M Tip ---------- Mic Tip & Mic Ring
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> The pushbutton acts as PTT when I'm using the headset. When I get
> around to it I'll add a NO jack across the pushbutton for a foot
> switch and have full hands-free operation.
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> Hope this helps anyone who's trying to do something similar. Give
> me a shout if you have any questions.
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> 73 de KO4XL
>
> Bruce
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> >
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com,
> "W3FIS" <deadgoose@> wrote:
> > >
> > >
> > >
> > > --- In X1M_QRP-Transceiver@yahoogroups.com,

> "Bruce" <ko4xl@> wrote:
> > > >
> > > > A few folks here have mentioned replacing
> the stock mic. Can someone post the connector
> pinout? I tried opening the back of the mic but
> there are more than 3 wires in the cable!
> > > >
> > >
> > > These are "re-purposed" speaker mics, such as
> are used on the Chinese HTs. The 4th wire is
> connected to the un-used headphone jack. Sleeve is
> ground, of course. Use your ohm meter to see which
> give a closure to ground when the PTT button is
> activated. The other will be the microphone line.
> > >
> > > I think this issue was discussed when people
> were having problems with the QC on the soldering
> in the microphone plug. Search the messages for
> that issue.
> > >
> > > 73 /paul W3FIS
> > >
> >
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2013.0.3392 / Virus Database: 3222/6646 - Release Date:
> 09/07/13
>
>

1304. Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 01:29:08 UTC
From: Dale Parfitt
Topic: 1304 Message: 1304

I have been using the XM1 for an hour or more tonight on 40M CW and SSB- just listening and see no ill effects of shorting resistor R80C. I am able to reduce the AF Gain by more than 90 degrees from the position it was in before the mod.
As soon as I get time, I'll breadboard a dual op amp AGC conditioning circuit.

Dale W4OP
----- Original Message -----
From: Heath - VK3TWO / VK6TWO
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, September 07, 2013 8:46 AM
Subject: [X1M_QRP-Transceiver] Re: X1M Boards

Dale,

Check out my youtube videos of desassembly and re-assembly of the radio.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
VK3TWO Website

DSTAR - Co-ordinator (WA)
Hills Amateur Radio Group - Technical Officer
WA Repeater Group – Committee
WA VHF Group – Committee
Wireless Institute Civil Emergency Network – President & Technical Officer (WA)
Wireless Institute of Australia – State Advisory Committee (WA)
Wireless Institute of Australia - State Emergency Comms co-ordinator (WA)

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Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6644 - Release Date: 09/06/13

1305. RE: X1M Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 02:21:01 UTC
From: <orders@...>
Topic: 1277 Message: 1305

John -- I'm not sure. I haven't traced the schematics to see where it all ends up but I would go with -- that is entirely a possibility.

Dale - Interesting! I'm certainly looking forward to how it works. I'm still scratching my head on what that exactly does electrically as I'm newly digging into all of this but it gives me one more thing to tease apart so thanks!

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

ï»¿
No, this mod involves a series RC to ground from pin 1 and then another series RC to the output. Gains up to 74dB can be achieved with this technique- but stability becomes an issue when pushing to the hi end of this range.

Dale W4OP

----- Original Message -----

From: orders@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Saturday, September 07, 2013 10:18 AM

Subject: [X1M_QRP-Transceiver] RE: X1M Boards

I stand corrected -- looking at the original schemastics I finally found it. Looks like they've got the cap and resister jumping those pins which sets it at the '50' level about or at least between 20 and 200. So I'm going to guess your mod is to remove the resistor from the circuit and let it go to '200' with just the cap in series.

I'm really enjoying playing 'guess the mod'! It reminds me of how I learned computers -- I'd break them while my dad was at work. Things like delete the entire windows 3.1 directory, or set a password on a screen saver and then forget it, etc. When my dad would get home he'd call my uncle who would come over and fix it. So I started to basically try and guess how to fix it before he would get home so my uncle didn't get called. For some reason trying to guess your mod before you tell us sort of reminds me of that learning process.

So it goes.

-Chris

KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Dale -- are you looking to add a 10 uf cap across pins 1&8 to get the lm386 to the '200' or 46 db level? I just happen to be reading about the lm386 about when I saw this email and laughed a bit. Anyway -- I haven't checked the schematics of the rig yet to see if they are running on the 26 db gain level but your email makes me thing they are.

Hope that's the case. How pulling it all apart is not to bad. And I hope dropping a cap/doing the mod is easy and works! That would be fantastic news!

-Chris

KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <bobgoyetche@...> wrote:

it's not to o bad, VK3TWO has put instructions on youtube http://youtu.be/Udc0Zf_HoxY

a bit tricky to reassemble, but patience and good lighting helps.

Bob VE2PDT

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Has anyone separated the top and bottom boards on the rig? I have a mod that I would like to do that would give us another 20dB+ gain from the LM-386 but I will have to have access to the bottom of the top board.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2013.0.3392 / Virus Database: 3222/6645 - Release Date: 09/07/13

1306. Re: [X1M_QRP-Transceiver] RE: X1M Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 03:03:22 UTC
From: Dale Parfitt
Topic: 1277 Message: 1306

Hi Chris,
If you look at what is inside the 386, you will see a 1.35K (?) internal resistor that effectively sets the gain of the amplifier. By placing a large cap in parallel, you give the audio another path (lower impedance in this case) to follow and increasing the gain. By choosing different values, you can shape the audio response. Smaller values will reduce low frequency gain. By placing a resistor in series with the cap you add another break point in the audio spectrum- the gain will increase as you go up in frequency until the capacitor reactance is much less than the external series resistor and will then flatten out.
At least that is my understanding and if incorrect- please correct me.
Anyway, there is now lots of gain and I am running the volume just cracked open- probably enough for AGC now w/o further audio chain mods.
The little rig continues to impress me.

Dale W4OP

Dale - Interesting! I'm certainly looking forward to how it works. I'm still scratching my head on what that exactly does electrically as I'm newly digging into all of this but it gives me one more thing to tease apart so thanks!

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

ï»¿
No, this mod involves a series RC to ground from pin 1 and then another series RC to the output. Gains up to 74dB can be achieved with this technique- but stability becomes an issue when pushing to the hi end of this range.

Dale W4OP
----- Original Message -----
From: orders@...
To: X1M_QRP-Transceiver@...m
Sent: Saturday, September 07, 2013 10:18 AM
Subject: [X1M_QRP-Transceiver] RE: X1M Boards

I stand corrected -- looking at the original schemastics I finally found it. Looks like they've got the cap and resister jumping those pins which sets it at the '50' level about or at least between 20 and 200. So I'm going to guess your mod is to remove the resistor from the circuit and let it go to '200' with just the cap in series.

I'm really enjoying playing 'guess the mod'! It reminds me of how I learned computers -- I'd break them while my dad was at work. Things like delete the entire windows 3.1 directory, or set a password on a screen saver and then forget it, etc. When my dad would get home he'd call my uncle who would come over and fix it. So I started to basically try and guess how to fix it before he would get home so my uncle didn't get called. For some reason trying to guess your mod before you tell us sort of reminds me of that learning process.

So it goes.

-Chris

KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Dale -- are you looking to add a 10 uf cap across pins 1&8 to get the lm386 to the '200' or 46 db level? I just happen to be reading about the lm386 about when I saw this email and laughed a bit. Anyway -- I haven't checked the schematics of the rig yet to see if they are running on the 26 db gain level but your email makes me thing they are.

Hope that's the case. How pulling it all apart is not to bad. And I hope dropping a cap/doing the mod is easy and works! That would be fantastic news!

-Chris

KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <bobgoyetche@...> wrote:

it's not to o bad, VK3TWO has put instructions on youtube http://youtu.be/Udc0Zf_HoxY

a bit tricky to reassemble, but patience and good lighting helps.

Bob VE2PDT

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Has anyone separated the top and bottom boards on the rig? I have a mod that I would like to do that would give us another 20dB+ gain from the LM-386 but I will have to have access to the bottom of the top board.

Dale W4OP
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1307. RE: Re: [X1M_QRP-Transceiver] RE: Microphone wiring

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 03:15:32 UTC
From: <orders@...>
Topic: 591 Message: 1307

Hot diggly Dale that is great news!! Glad my curiosity could spark curiosity in you to double check the schematics! cracked open my ver II and measured the resistor at 1k. So I'd say it looks likely that if a mod is here it will work for both models.

And to John - it does look like the out put from the LM386 goes pretty straight to the headphones jack so it is possible that the mod might be to much on that side. Dale once you jumper it would you mind reporting back how the headphone side behaves?

-Chris
KC8MUS

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

ï»¿

Hello Group,

While looking at the area around the LM386 I thought I would measure the resistor (R80C) that is in series with the 10uF electrolytic (C155C) between pins 1 and 8. The schematic shows 470 Ohms, so initially I had dismissed the mod that Chris mentioned as not being worthwhile because of the low gain improvement. It turns out on my Pro version at least the resistor is 1K. By shorting it out I got exactly 12dB of gain. Now, while there is likely still not enough system gain for AGC, it does make the rig much more lively (at least on my signal generator) with the internal speaker. No signs of instability. R80C is on the bottom of the top board and C155C is also on the bottom to the right of the LM386. Both are accessible without having to separate the boards.

I soldered a piece of #30 wire wrap to pin 1 on the bottom and a 2nd piece to the (+) side of C155C (10uF). By shorting these two together I could easily measure the voltage gain. I'll put a jumper across R80C and see what it sounds like on the bands.

Chris- thank you for mentioning this mod, otherwise I likely would have dismissed it as not yielding enough gain.

More to follow,

Dale W4OP

----- Original Message -----

From: orders@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Saturday, September 07, 2013 10:22 AM

Subject: [X1M_QRP-Transceiver] RE: Microphone wiring

Thanks Bruce! I a ppreciate you sharing with the group! I haven't hit the point yet where this is helpful but I do know its coming. As I'm working on the audio compression circuit my buddy and I have talked about just going all out and making a whole new mic... and if we play with that idea-- this will be super helpful!

Thanks for sharing and enjoy your new setup!

-Chris

KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <ko4xl@...> wrote:

I just uploaded the schematic of my connections to the files section. Sometimes a picture is worth a thousand texts!

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Awesome Bruce! I know mic *has* a red led on the front but I don't think I've seen it come on when I TX. I wonder if my LE D is not wired up right and reducing the output of the mic... much like your computer mic without the led in series... I'm going to have to dig into this one. Thanks for the hot tip!/ring/sleeve! (couldn't pass up the bad pun...)

-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

THE MICROPHONE PUZZLE IS SOLVED!

I read all the recent discussions about digital mode hookups and the light went on for me when somebody mentioned the bias current being incorrect. That's when it hit me: the X1M needs the extra current draw from the PTT LED in the mic! As soon as I added a red LED in series with 4.7k between tip and ring of the mic plug, my PC headset mic started working.

I now have a very nice little adapter to use my PC headset on the X1M. Here are the final connections:

X1M Sleeve ------------------- (GND) ------------------ Mic Sleeve

X1M Ring ------------ Pushbutton --------- GND

X1M Ring ------------ |< -LED+ ------- 4.7k ----- X1M Tip

X1M Tip ----------- Mic Tip & Mic Ring

The pushbutton acts as PTT when I'm using the headset. When I get around to it I'll add a NO jack across the pushbutton for a foot switch and have full hands-free operation.

Hope this helps anyone who's trying to do something similar. Give me a shout if you have any questions.

73 de KO4XL

Bruce

--- In x1m_qrp-transceiver@yahoogroups.com, <ko4xl@...> wrote:

OK, so last night I bit the bullet and completely traced the circuitry inside the stock mic. The only additional components are:

- A .01uf disc cap across the mic cartridge. I assume this is just there for RF bypass and high frequency rolloff. It shouldn't be required for the mic to function, right?
- A 4k7 resistor in series with an LED between tip and ring. This is obviously the transmit light on the front of the mic.

There are a few other items related to the disabled speaker in the stock mic. For the X1M, none of these are ever in-circuit.

After looking at all this, the only conclusion I can reach is that the stock mic cartridge has much higher output than a PC headset mic. Before I go hunting for a mic preamp, could somebody please prove me wrong?

73 de KO4XL Bruce

--- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce" <ko4xl@...> wrote:
>
> I've dug a little deeper and am still having no success. Here's what I know so far:
>
> Opening the stock mike and using an ohmmeter, I see that ring goes to the PTT switch and tip goes to the mike cartridge. (The other side of both the switch and the mike cartridge are tied to sleeve (ground). At the radio, when PTT is grounded (active), tip goes from open circuit to about +7 volts (relative to sleeve ground). I assume this is the bias voltage needed to power the electret cartrige in the stock mike. However, hooking a different electret cartridge (from a pc headset) across tip and sleeve (yes, I got the polarity correct!) and grounding ring (PTT) does not give me any audio. What am I missing?
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@> wrote:
> >
> >
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce" <ko4xl@> wrote:
> > >
> > > A few folks here have mentioned replacing the stock mic. Can someone post the connector pinout? I tried opening the back of the mic but there are more than 3 wires in the cable!
> > >
> >
> > These are "re-purposed" speaker mics, such as are used on the Chinese HTs. The 4th wire is connected to the un-used headphone jack. Sleeve is ground, of course. Use your ohm meter to see which give a closure to ground when the PTT button is activated. The other will be the microphone line.
> >
> > I think this issue was discussed when people were having problems with the QC on the soldering in the microphone plug. Search the messages for that issue.
> >
> > 73 /paul W3FIS
> >

>

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Version: 2013.0.3392 / Virus Database: 3222/6646 - Release Date: 09/07/13

1308. Trim pots on Ver II

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 03:26:54 UTC
From: <orders@...>
Topic: 1308 Message: 1308

Hey gang,

The trim pots in my ver II are in different locations that the ones in the PRO (as shown in the manual). I thought maybe I had missed something but I doubled checked and sure enough they are not at all in the same spots as the PRO. I originally went in to change the mic gain and randomly choose the right 'most' pot to turn and I *think* it worked. Anyone know for sure? I uploaded a photo of my section of the board in the photos section so anyone can see the difference themselves. If others with the ver II are out there this would be good to know or maybe we should create an addendum to the PRO manual for any big differences for us.

-Chris
KC8MUS

1309. RE: X1M Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 03:32:50 UTC
From: <orders@...>
Topic: 1277 Message: 1309

Haha this is what I get for using the web based group messages -- I totally responded out of order! I asked about the details of your proposed mod before I read that you had looked into my mod! Either way thank you for that explanation of the lm386 gain circuit -- it makes perfect sense and actually gives me a deeper understanding of what and HOW it is doing it. Much appreciated! And much appreciated to have you digging into the guts of this awesome little feller!

So am I reading that correct that just by jumping the resistor you've gotten that much more gain and think an AGC circuit is possible now? That is fantastic news!!

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

ï»¿
Hi Chris,

If you look at what is inside the 386, you will see a 1.35K (?) internal resistor that effectively sets the gain of the amplifier. By placing a large cap in parallel, you give the audio another path (lower impedance in this case) to follow and increasing the gain. By choosing different values, you can shape the audio response. Smaller values will reduce low frequency gain. By placing a resistor in series with the cap you add another break point in the audio spectrum- the gain will increase as you go up in frequency until the capacitor reactance is much less than the external series resistor and will then flatten out.

At least that is my understanding and if incorrect- please correct me.

Anyway, there is now lots of gain and I am running the volume just cracked open- probably enough for AGC now w/o further audio chain mods.

The little rig continues to impress me.

Dale W4OP

Dale - Interesting! I'm certainly looking forward to how it works. I'm still scratching my head on what that exactly does electrically as I'm newly digging into all of this but it gives me one more thing to tease apart so thanks!

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Ã¯Â»Â¿
No, this mod involves a series RC to ground from pin 1 and then another series RC to the output. Gains up to 74dB can be achieved with this technique- but stability becomes an issue when pushing to the hi end of this range.

Dale W4OP

----- Original Message -----

From: orders@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Saturday, September 07, 2013 10:18 AM

Subject: [X1M_QRP-Transceiver] RE: X1M Boards

I stand corrected -- looking at the original schemastics I finally found it. Looks like they've got the cap and resister jumping those pins which sets it at the '50' level about or at least between 20 and 200. So I'm going to guess your mod is to remove the resistor from the circuit and let it go to '200' with just the cap in series.

I'm really enjoying playing 'guess the mod'! It reminds me of how I learned computers -- I'd break them while my dad was at work. Things like delete the entire windows 3.1 directory, or set a password on a screen saver and then forget it, etc. When my dad would get home he'd call my uncle who would come over and fix it. So I started to basically try and guess how to fix it before he would get home so my uncle didn't get called. For some reason trying to guess your mod before you tell us sort of reminds me of that learning process.

So it goes.

-Chris

KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Dale -- are you looking to add a 10 uf cap across pins 1&8 to get the lm386 to the '200' or 46 db level? I just happen to be reading about the lm386 about when I saw this email and laughed a bit. Anyway -- I haven't checked the schematics of the rig yet to see if they are running on the 26 db gain level but your email makes me thing they are.

Hope that's the case. How pulling it all apart is not to bad. And I hope dropping a cap/doing the mod is easy and works! That would be fantastic news!

-Chris

KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <bobgoyetche@...> wrote:

it's not to o bad, VK3TWO has put instructions on youtube http://youtu.be/Udc0Zf_HoxY

a bit tricky to reassemble, but patience and good lighting helps.

Bob VE2PDT

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Has anyone separated the top and bottom boards on the rig? I have a mod that I would like to do that would give us another 20dB+ gain from the LM-386 but I will have to have access to the bottom of the top board.

Dale W4OP

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Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2013.0.3392 / Virus Database: 3222/6646 - Release Date: 09/07/13

1310. RE: Trim pots on Ver II

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 03:40:17 UTC
From: <orders@...>
Topic: 1308 Message: 1310

I think I answered my own question now that I am looking closer. I followed the leads and it looks like the right most pot on the ver II IS the microphone trimmer -- it goes through a resistor to the same approximate place as on the PRO. I *think*. If anyone can confirm or deny that I'd appreciate it.
-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Hey gang,

The trim pots in my ver II are in different locations that the ones in the PRO (as shown in the manual). I thought maybe I had missed something but I doubled checked and sure enough they are not at all in the same spots as the PRO. I originally went in to change the mic gain and randomly choose the right 'most' pot to turn and I *think* it worked. Anyone know for sure? I uploaded a photo of my section of the board in the photos section so anyone can see the difference themselves. If others with the ver II are out there this would be good to know or maybe we should create an addendum to the PRO manual for any big differences for us.

-Chris
KC8MUS

1311. Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 03:43:11 UTC
From: <lphebus@...>
Topic: 1311 Message: 1311

I just un-boxed my X1M Platinum. I ran the TX into a dummy load and turned on my SoftRock Ensemble II SDR. There is enough RF despite the dummy load to register on the SDR, which is about 1 foot away. As you can see in the photos section, the sidebands of the X1M need some adjusting, The USB bleeds into the LSB and the LSB is weaker than the USB (all done at 7.280MHz). I'm sure this will be worked out in the adjustments I plan to perform. Also, the bandwidth of the SSB signal is well shy of the standard 2.7kHz. I suspect this is a limitation of the mike, which I suspect is the weakest link in the X1M rig. Just for reference, I added a similar test using an ICOM 7000 running 5W output and a MST400 kit LSB 40M transceiver (www.ozQRP.com) I built. I alternated LSB and USB for the X1M and the ICOM. The MST is only LSB. I used a Diamond SX-200 meter set at 5W full scale to run all three transceivers at about 2W peak (by eyeball).

Lee

1312. Re: Re: [X1M_QRP-Transceiver] RE: Microphone wiring

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 04:09:20 UTC
From: Dale Parfitt
Topic: 591 Message: 1312

My headset has a volume control on it (just a passive control- this is not an amplified headset) - with it set to max I just barely crack the audio gain on the rig. Gobs of audio.

Dale
----- Original Message -----
From: orders@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, September 07, 2013 11:15 PM
Subject: RE: Re: [X1M_QRP-Transceiver] RE: Microphone wiring

Hot diggly Dale that is great news!! Glad my curiosity could spark curiosity in you to double check the schematics! cracked open my ver II and measured the resistor at 1k. So I'd say it looks likely that if a mod is here it will work for both models.

And to John - it does look like the out put from the LM386 goes pretty straight to the headphones jack so it is possible that the mod might be to much on that side. Dale once you jumper it would you mind reporting back how the headphone side behaves?

-Chris

KC8MUS

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

ï»¿

Hello Group,
While looking at the area around the LM386 I thought I would measure the resistor (R80C) that is in series with the 10uF electrolytic (C155C) between pins 1 and 8. The schematic shows 470 Ohms, so initially I had dismissed the mod that Chris mentioned as not being worthwhile because of the low gain improvement. It turns out on my Pro version at least the resistor is 1K. By shorting it out I got exactly 12dB of gain. Now, while there is likely still not enough system gain for AGC, it does make the rig much more lively (at least on my signal generator) with the internal speaker. No signs of instability. R80C is on the bottom of the top board and C155C is also on the bottom to the right of the LM386. Both are accessible without having to separate the boards.
I soldered a piece of #30 wire wrap to pin 1 on the bottom and a 2nd piece to the (+) side of C155C (10uF). By shorting these two together I could easily measure the voltage gain. I'll put a jumper across R80C and see what it sounds like on the bands.

Chris- thank you for mentioning this mod, otherwise I likely would have dismissed it as not yielding enough gain.

More to follow,

Dale W4OP
----- Original Message -----
From: orders@...

To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, September 07, 2013 10:22 AM
Subject: [X1M_QRP-Transceiver] RE: Microphone wiring

Thanks Bruce! I a ppreciate you sharing with the group! I haven't hit the point yet where this is helpful but I do know its coming. As I'm working on the audio compression circuit my buddy and I have talked about just going all out and making a whole new mic... and if we play with that idea-- this will be super helpful!

Thanks for sharing and enjoy your new setup!

-Chris

KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <ko4xl@...> wrote:

I just uploaded the schematic of my connections to the files section. Sometimes a picture is worth a thousand texts!

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Awesome Bruce! I know mic *has* a red led on the front but I don't think I've seen it come on when I TX. I wonder if my LE D is not wired up right and reducing the output of the mic... much like your computer mic without the led in series... I'm going to have to dig into this one. Thanks for the hot tip!/ring/sleeve! (couldn't pass up the bad pun...)

-Chris

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

THE MICROPHONE PUZZLE IS SOLVED!

I read all the recent discussions about digital mode hookups and the light went on for me when somebody mentioned the bias current being incorrect. That's when it hit me: the X1M needs the extra current draw from the PTT LED in the mic! As soon as I added a red LED in series with 4.7k between tip and ring of the mic plug, my PC headset mic started working.

I now have a very nice little adapter to use my PC headset on the X1M. Here are the final connections:

X1M Sleeve ------------------- (GND) ------------------ Mic Sleeve

X1M Ring ------------ Pushbutton --------- GND

X1M Ring ------------ |< -LED+ ------- 4.7k ----- X1M Tip

X1M Tip ----------- Mic Tip & Mic Ring

The pushbutton acts as PTT when I'm using the headset. When I get around to it I'll add a NO jack across the pushbutton for a foot switch and have full hands-free operation.

Hope this helps anyone who's trying to do something similar. Give me a shout if you have any questions.

73 de KO4XL

Bruce

--- In x1m_qrp-transceiver@yahoogroups.com, <ko4xl@...> wrote:

OK, so last night I bit the bullet and completely traced the circuitry inside the stock mic. The only additional components are:

- A .01uf disc cap across the mic cartridge. I assume this is just there for RF bypass and high frequency rolloff. It shouldn't be required for the mic to function, right?
- A 4k7 resistor in series with an LED between tip and ring. This is obviously the transmit light on the front of the mic.

There are a few other items related to the disabled speaker in the stock mic. For the X1M, none of these are ever in-circuit.

After looking at all this, the only conclusion I can reach is that the stock mic cartridge has much higher output than a PC headset mic. Before I go hunting for a mic preamp, could somebody please prove me wrong?

73 de KO4XL Bruce

--- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce" <ko4xl@...> wrote:
>
> I've dug a little deeper and am still having no success. Here's what I know so far:
>
> Opening the stock mike and using an ohmmeter, I see that ring goes to the PTT switch and tip goes to the mike cartridge. (The other side of both the switch and the mike cartridge are tied to sleeve (ground). At the radio, when PTT is grounded (active), tip goes from open circuit to about +7 volts (relative to sleeve ground). I assume this is the bias voltage needed to power the electret cartrige in the stock mike. However, hooking a different electret cartridge (from a pc headset) across tip and sleeve (yes, I got the polarity correct!) and grounding ring (PTT) does not give me any audio. What am I missing?
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "W3FIS" <deadgoose@> wrote:
> >
> >
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "Bruce" <ko4xl@> wrote:
> > >
> > > A few folks here have mentioned replacing the stock mic. Can someone post the connector pinout? I tried opening the back of the mic but there are more than 3 wires in the cable!
> > >
> > >
> > These are "re-purposed" speaker mics, such as are used on the Chinese HTs. The 4th wire is connected to the un-used headphone jack. Sleeve is ground, of course. Use your ohm meter to see which give a closure to ground when the PTT button is activated. The other will be the microphone line.
> >

> > I think this issue was discussed when people were having problems with the QC on the soldering in the microphone plug. Search the messages for that issue.
> >
> > 73 /paul W3FIS
> >
>
No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6646 - Release Date: 09/07/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6646 - Release Date: 09/07/13

1313. Keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 04:17:43 UTC
From: Dale Parfitt
Topic: 1149 Message: 1313

Does anyone in the group have a memory scope? Mine has every feature but memory. I am trying to evaluate the keyer characteristics and tearing my hair out.
The keying line is available on the edge connector right above the tuning encoder- 4th pin from the right - be careful.
Ideal Morse characters (from memory) are:
1. Dot= 1 unit length
2. Dash= 3 unit lengths
3. Length between consecutive dots or dashes= 1 unit length

The other basic feature we need is dot and dash memory. That is, if you send, say an N, faster than the keyer speed- the keyer remembers you hit the dot side even before the dash completes etc.

Tnx,
Dale W4OP

1314. Newbie needs help!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 12:55:42 UTC
From: <k4tql@...>
Topic: 1314 Message: 1314

I've just joined the group. I'm not a newbie ham (50 plus years) but I am a newbie X1M owner. I haven't had a chance to read all the posts so I need a quick update from someone who, perhaps, has.

I picked this gem up at a hamfest yesterday and it appears to work. Gets a little warm but that's expected with so much in a tiny package. No, it's not a KX3 but I didn't pay the price either.

This rig appears to be the original version with the already defined buttons (not F1, F2, etc) on the front and small display. I can't tell when it was manufactured because there is no serial number, version number or date of manufacture. My questions are:

1. Have there been any firmware upgrades to this version. Part B: will there be any firmware upgrades to this version.

2. What is the difference between my version and the one with the F1, F2, etc. buttons on the front?

3. What is the Pro version? Is it my version upgraded somehow? I know it's not the Platinum because of the small display.

4. Has there been enough information released by the manufacturer so that third parties could attempt upgrades, warranties be darned?

This little unit appears to do what I want it to do. It has warts but being somewhat SDR, it should be improvable with some experimentation (probably by someone much smarter than me).

My thanks for your response(s) in advance.

Bruce, K4TQL

1315. Fun with first version X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 13:49:08 UTC
From: <neilgoldstein@...>
Topic: 1315 Message: 1315

I drove up to the highest point on Long Island yesterday for some X1M operations. I raised an antenna into a nearby maple with some twine and a bottle of water for a counterweight, and worked England, Germany, and Denmark on 15M, as well as Denmark on 20M. I almost had Cyprus, as he heard me but faded when I repeated the call. This is a fun little rig even with the shortcomings. I'm looking forward to any way to improve on it, but my set up, operating out of the back of my Kia Soul from the 12V plug in the hatch, with some wire in the trees,and my Emtech ZM2 tuner is working just fine.

I spoke with Dale at Kight a couple of weeks ago, and he said that he had been shorted on the new rigs. They sent half of what they were supposed to. Then I got an email from Ed telling me that he would now be providing any new rigs, and that Kight was no longer selling them. Not sure whether that includes the warranty replacements or not. I originally thought that my rig was not working on 10M correctly, as you cannot hear the filters "click-in" for 10. Since then I have learned that it is working fine, and there are no filters that activate for 10, as it uses the default LPF that is there when no other filters are selected.

Ed mentioned in his reply to me about exchanges that he was still hoping to offer an upgrade kit from the factory to update the older models to the newer model. In the meantime, I'm considering making or buying some LPFs to correct the range on 75, and 40, as well as being able to use it on 17 and 12.

Hopefully they'll get the CW issues ironed out before I learn CW ;-)

Have fun with your rigs folks, and keep the great information flowing!

73 de Neil W2NDG

1316. RE: Newbie needs help!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 14:08:38 UTC
From: <orders@...>
Topic: 1314 Message: 1316

Hi Bruce,

WELCOME TO THE FUN! Let's get you up to speed.....

a) The one you've got is often called ver II around here -- I have it as well.

1) No firmware upgrades yet. Not sure but HOPING there will be some in the future. This applies both to the Pro and the version II (at this time)

2) From what I can tell it is mostly a bigger screen (I prefer my tiny one) and a newer firmware to run that screen and a few things that come with it. The big one that I know of is that the LPF's cover the entire 40m band and the other band the ver II stops short off. There is difference in the layout of the PCB and some of the parts but I'm not sure how extensive or what that exactly does... I don't have a Pro version so someone else might have some more info for you on that one.

3) Pro and Platinum are the same model. Platinum came out of a 'bad' translation before it was released but once folks got it the firmware called it the Pro. So there are really only 2 models floating out there 1) ver II and 2) Pro OR Platinum

4) There is a set of schematics in the files upload section. It is the ver II schematics (good for you!) but they seem to be closely related to the Pro model so folks are working on that side too.

Most importantly welcome to the crew! And join the experimentation that is learning the quirks and mods of the x1m. Also -- if you haven't found it yet.... there is a manual for the Pro version in the files upload section. It isn't exact as far as menu screen shots go for the ver II but the alignment process by Heath in there you should give it a go and it generally is a good place to start. Most of the repeatable tips and tricks have found there way into the document.

-Chris
KC8MUS

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

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I picked this gem up at a hamfest yesterday and it appears to work. Gets a little warm but that's expected with so much in a tiny package. No, it's not a KX3 but I didn't pay the price either.

This rig appears to be the original version with the already defined buttons (not F1, F2, etc) on the front and small display. I can't tell when it was manufactured because there is no serial number, version number or date of manufacture. My questions are:

1. Have there been any firmware upgrades to this version. Part B: will there be any firmware upgrades to this version.

2. What is the difference between my version and the one with the F1, F2, etc. buttons on the front?

3. What is the Pro version? Is it my version upgraded somehow? I know it's not the Platinum because of the small display.

4. Has there been enough information released by the manufacturer so that third parties could attempt upgrades, warranties be darned?

This little unit appears to do what I want it to do. It has warts but being somewhat SDR, it should be improvable with some experimentation (probably by someone much smarter than me).

My thanks for your response(s) in advance.

Bruce, K4TQL

1317. RE: Fun with first version X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 14:10:37 UTC
From: <orders@...>
Topic: 1315 Message: 1317

Thanks for the great success story Neil! And I'm with you on the cw-- hopefully by the time I learn it will all work out! :)

-Chris
KC8MUS

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I drove up to the highest point on Long Island yesterday for some X1M operations. I raised an antenna into a nearby maple with some twine and a bottle of water for a counterweight, and worked England, Germany, and Denmark on 15M, as well as Denmark on 20M. I almost had Cyprus, as he heard me but faded when I repeated the call. This is a fun little rig even with the shortcomings. I'm looking forward to any way to improve on it, but my set up, operating out of the back of my Kia Soul from the 12V plug in the hatch, with some wire in the trees,and my Emtech ZM2 tuner is working just fine.

I spoke with Dale at Kight a couple of weeks ago, and he said that he had been shorted on the new rigs. They sent half of what they were supposed to. Then I got an email from Ed telling me that he would now be providing any new rigs, and that Kight was no longer selling them. Not sure whether that includes the warranty replacements or not. I originally thought that my rig was not working on 10M correctly, as you cannot hear the filters "click-in" for 10. Since then I have learned that it is working fine, and there are no filters that activate for 10, as it uses the default LPF that is there when no other filters are selected.

Ed mentioned in his reply to me about exchanges that he was still hoping to offer an upgrade kit from the factory to update the older models to the newer model. In the meantime, I'm considering making or buying some LPFs to correct the range on 75, and 40, as well as being able to use it on 17 and 12.

Hopefully they'll get the CW issues ironed out before I learn CW ;-)

Have fun with your rigs folks, and keep the great information flowing!

73 de Neil W2NDG

1318. RE: X1M Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 14:20:44 UTC
From: <vk3two@...>
Topic: 1277 Message: 1318

Hi Charlie,

I suspect that only some radios have an additional "position' in the socket.
I noticed that mine only has 'part' of an extra 'hole' so was obvious where the pins should go.

Dale, as above, you *may* have more sockets than pins. It's MUCH easier to assemble than in my video.

--- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

I have separated them Dale . Just watch the connector that joins the two boards . The male piece has fewer pins than the female sockets , is the only real caution .

Charlie

On 9/6/2013 8:31 AM, Dale Parfitt wrote:

Â

Has anyone separated the top and bottom boards on the rig? I have a mod that I would like to do that would give usÂ another 20dB+ gain from the LM-386 but I will have to have access to the bottom of the top board.

Â

Dale W4OP

1319. RE: X1M Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 14:22:01 UTC
From: <vk3two@...>
Topic: 1277 Message: 1319

Hi Charlie,

I suspect that only some radios have an additional "position' in the socket.
I noticed that mine only has 'part' of an extra 'hole' so was obvious where the pins should go.

Dale, as above, you *may* have more sockets than pins. It's MUCH easier to assemble than in my video.

--- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

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Â

Dale W4OP

1320. RE: X1M Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 14:22:13 UTC
From: <vk3two@...>
Topic: 1277 Message: 1320

Hi Charlie,

I suspect that only some radios have an additional "position' in the socket.
I noticed that mine only has 'part' of an extra 'hole' so was obvious where the pins should go.

Dale, as above, you *may* have more sockets than pins. It's MUCH easier to assemble than in my video.

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Â

Dale W4OP

1321. RE: X1M Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 14:23:44 UTC
From: <vk3two@...>
Topic: 1277 Message: 1321

Hi Charlie,

I suspect that only some radios have an additional "position' in the socket.
I noticed that mine only has 'part' of an extra 'hole' so was obvious where the pins should go.

Dale, as above, you *may* have more sockets than pins. It's MUCH easier to assemble than in my video.

--- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

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Â

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1322. RE: Newbie needs help!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 14:28:30 UTC
From: <k4tql@...>
Topic: 1314 Message: 1322

Thanks, Chris. I do appreciate it. That info will get me started anyway.

Bruce, K4TQL

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Hi Bruce,

WELCOME TO THE FUN! Let's get you up to speed.....

a) The one you've got is often called ver II around here -- I have it as well.

1) No firmware upgrades yet. Not sure but HOPING there will be some in the future. This applies both to the Pro and the version II (at this time)

2) From what I can tell it is mostly a bigger screen (I prefer my tiny one) and a newer firmware to run that screen and a few things that come with it. The big one that I know of is that the LPF's cover the entire 40m band and the other band the ver II stops short off. There is difference in the layout of the PCB and some of the parts but I'm not sure how extensive or what that exactly does... I don't have a Pro version so someone else might have some more info for you on that one.

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-Chris
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This little unit appears to do what I want it to do. It has warts but being somewhat SDR, it should be improvable with some experimentation (probably by someone much smarter than me).

My thanks for your response(s) in advance.

Bruce, K4TQL

1323. RE: RIT Function

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 14:35:21 UTC
From: <vk3two@...>
Topic: 1268 Message: 1323

Hi Chris,

What I noticed, is that if the alignment settings had been changed from the default values (as I did to fix the alignment), applying the firmware updated had no effect on these values, ie, they remained just as I had set them, not as the 'default values'. Not much more technical I can be in this case, sorry! :-)

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Hi Heath,

Thanks for everything you are doing to communicate back to the factory for all of us -- I personally really appreciate knowing that someone who is active in both communities is actively participating around here. So a big old hat tip to you from me!

I'm curious to know more details about why the firmware has no effect on the alignment settings? I'd appreciate a deeper understanding of that sentence. You can PM me if you like or post it here. Give it to me in all the technical/electrical details!

Anyway -- thanks again,
-Chris
KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <vk3two@...> wrote:

Fred,

I highly doubt that this supposed 'NEW' firmware which several of us have just just tried is actually 'NEW'. Whilst it's been 'newly' available for us to do the 'upgrade' ourselves, it's dated 20th July, so it's the same date that perhaps most PRO users have anyway, now some 6 weeks old.

I've been providing the factory with feedback on most points people have been discussing on this list, as well as points people have emailed me privately. Many of these points have been in the last couple of weeks, and some as recent as last week.

I doubt that we will see a firmware update made public for quite a while, though fingers are crossed that the latest shipped radios will already have corrected firmware.

A point to note here, is that the firmware has NO EFFECT on the alignment settings, so a firmware update will not automatically fix the issues with IF Offset's and the terrible default LSB BFO settings.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
VK3TWO Website (http://sites.google.com/site/actionman5/)

DSTAR (http://www.dstar.org.au/what_is_dstar.htm) - Co-ordinator (WA)
Hills Amateur Radio Group (http://www.harg.org.au) - Technical Officer
WA Repeater Group (http://www.warg.org.au) Ã¢Â□Â□ Committee
WA VHF Group (http://www.wavhfgroup.org.au/) Ã¢Â□Â□ Committee
Wireless Institute Civil Emergency Network (http://www.wia.org.au/members/emcom/wicen/) Ã¢Â□Â□ President & Technical Officer (WA)
Wireless Institute of Australia (http://www.wia.org.au) Ã¢Â□Â□ State Advisory Committee (http://www.wia.org.au/members/advisories/about/) (WA)
Wireless Institute of Australia - State Emergency Comms (http://www.wia.org.au/members/emcom/about/) co-ordinator (WA)
(http://www.spooktech.net)

1324. RE: RIT Function

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 14:35:24 UTC
From: <vk3two@...>
Topic: 1268 Message: 1324

Hi Chris,

What I noticed, is that if the alignment settings had been changed from the default values (as I did to fix the alignment), applying the firmware updated had no effect on these values, ie, they remained just as I had set them, not as the 'default values'. Not much more technical I can be in this case, sorry! :-)

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Anyway -- thanks again,
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WA Repeater Group (http://www.warg.org.au) Ã¢Â□Â□ Committee
WA VHF Group (http://www.wavhfgroup.org.au/) Ã¢Â□Â□ Committee
Wireless Institute Civil Emergency Network (http://www.wia.org.au/members/emcom/wicen/) Ã¢Â□Â□ President & Technical Officer (WA)
Wireless Institute of Australia (http://www.wia.org.au) Ã¢Â□Â□ State Advisory Committee (http://www.wia.org.au/members/advisories/about/) (WA)
Wireless Institute of Australia - State Emergency Comms (http://www.wia.org.au/members/emcom/about/) co-ordinator (WA)
(http://www.spooktech.net)

1325. Just ordered an XM1

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 14:37:43 UTC
From: <squirrox@...>
Topic: 1325 Message: 1325

Hi Everyone,

I just ordered an XM1. I was wondering if any one else has one in the UK? Also what microphone is suitable for the radio?

73s Steve G0XAR

1326. RE: RIT Function

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 14:42:36 UTC
From: <vk3two@...>
Topic: 1268 Message: 1326

Chris,

As soon as I hit send, I thought that perhaps doing the firmware update requires a 'factory reset', and could be why some have experienced problems after doing the firmware update, and why the alignment values didn't change!

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Hi Heath,

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I doubt that we will see a firmware update made public for quite a while, though fingers are crossed that the latest shipped radios will already have corrected firmware.

A point to note here, is that the firmware has NO EFFECT on the alignment settings, so a firmware update will not automatically fix the issues with IF Offset's and the terrible default LSB BFO settings.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
VK3TWO Website (http://sites.google.com/site/actionman5/)

DSTAR (http://www.dstar.org.au/what_is_dstar.htm) - Co-ordinator (WA)
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WA Repeater Group (http://www.warg.org.au) Ã¢Â□Â□ Committee
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Wireless Institute of Australia - State Emergency Comms (http://www.wia.org.au/members/emcom/about/) co-ordinator (WA)
(http://www.spooktech.net)

1327. RE: RIT Function

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 15:05:42 UTC
From: <orders@...>
Topic: 1268 Message: 1327

Thanks Heath for your experience. My brain is clicking away to see what it thinks. It seems likely they are storing the actual values in a non-volatile memory either in a non-flashed part of the MCU or another location. So it COULD make sense that flashing the firmware doesn't touch the 'saved' settings -- like upgrading windows but leaving the installed files in place.

If that is the case I think you're right -- if someone reset to factory defaults then maybe we'd see different defaults than before.

So I agree that is curious. Maybe I'll go poking at the schematics and see if they tell me anything....

I just thought of something else -- folks are thinking the flashed firmware is actually the same firmware they already have. So perhaps that is the missing link -- it really isn't different firmware at all so the offsets aren't different.

Anyway -- more to poke at!

Thanks,
-Chris
KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <vk3two@...> wrote:

Chris,

As soon as I hit send, I thought that perhaps doing the firmware update requires a 'factory reset', and could be why some have experienced problems after doing the firmware update, and why the alignment values didn't change!

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Hi Heath,

Thanks for everything you are doing to communicate back to the factory for all of us -- I personally really appreciate knowing that someone who is active in both communities is actively participating around here. So a big old hat tip to you from me!

I'm curious to know more details about why the firmware has no effect on the alignment settings? I'd appreciate a deeper understanding of that sentence. You can PM me if you like or post it here. Give it to me in all the technical/electrical details!

Anyway -- thanks again,
-Chris
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--- In x1m_qrp-transceiver@yahoogroups.com, <vk3two@...> wrote:

Fred,

I highly doubt that this supposed 'NEW' firmware which several of us have just just tried is actually 'NEW'. Whilst it's been 'newly' available for us to do the 'upgrade' ourselves, it's dated 20th July, so it's the same date that perhaps most PRO users have anyway, now some 6 weeks old.

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A point to note here, is that the firmware has NO EFFECT on the alignment settings, so a firmware update will not automatically fix the issues with IF Offset's and the terrible default LSB BFO settings.

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Wireless Institute of Australia - State Emergency Comms (http://www.wia.org.au/members/emcom/about/) co-ordinator (WA)
(http://www.spooktech.net)

1328. Re: [X1M_QRP-Transceiver] RE: X1M Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 16:35:40 UTC
From: Charlie , W5COV
Topic: 1277 Message: 1328

It is certainly possible for the sockets to vary on the number of pins . Mine has a full extra hole . However they appear to be manually breaking off the number of pins they need since all of the sockets that I have looked at do not have a nice clean edge .

Charlie

On 9/8/2013 9:20 AM, vk3two@... wrote:
>
> Hi Charlie,
>
>
> I suspect that only some radios have an additional "position' in the
> socket.
>
> I noticed that mine only has 'part' of an extra 'hole' so was obvious
> where the pins should go.
>
>
> Dale, as above, you *may* have more sockets than pins. It's MUCH
> easier to assemble than in my video.
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:
>
> I have separated them Dale . Just watch the connector that joins the
> two boards . The male piece has fewer pins than the female sockets ,
> is the only real caution .
>
> Charlie
> On 9/6/2013 8:31 AM, Dale Parfitt wrote:
>
> Â
>
> Has anyone separated the top and bottom boards on the rig? I have
> a mod that I would like to do that would give usÂ another 20dB+
> gain from the LM-386 but I will have to have access to the bottom
> of the top board.
> Â
> Dale W4OP
>
>
>

1329. Re: [X1M_QRP-Transceiver] RE: RIT Function

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 16:49:33 UTC
From: Ken Downs
Topic: 1268 Message: 1329

Chris and All,
I don't think having new firmware change the alignment defaults is a real critical issue for many folks. The radio uses all 9.000 MHz crystals in the sideband filters, and finding a common value of offsets which will work for the majority of radios may not be possible. That will probably still be a radio-by-radio alignment issue. Perhaps the factory, rather than the proud new owners, could do it, but that would slow delivery and probably raise costs.
I believe the most serious firmware issues in the Pro have nothing to do with the offset values reflected in the setup menu.. CW offset for receiving, and RIT and SPLIT mode functioning in all modes, are controlled by the firmware's VFO management. Which VFO is being used for receiving and which for transmitting (SPLIT mode) and whether a small adjustment to the VFO is made going from receive to transmit and vice-versa (RIT and CW operation) appear to be the problem areas in the present code causing me the most grief. I have heard that these functions worked correctly in the version II sets. If that is true it should not be hard to fix in the Pro. How does that go? "...It's just a matter of programming..."
Good luck with your new mic project. I suspect the results will be well worth the effort.
Ken, W1KRT

On Sep 8, 2013, at 11:05 AM, <orders@...> wrote:

Thanks Heath for your experience. My brain is clicking away to see what it thinks. It seems likely they are storing the actual values in a non-volatile memory either in a non-flashed part of the MCU or another location. So it COULD make sense that flashing the firmware doesn't touch the 'saved' settings -- like upgrading windows but leaving the installed files in place.

If that is the case I think you're right -- if someone reset to factory defaults then maybe we'd see different defaults than before.

So I agree that is curious. Maybe I'll go poking at the schematics and see if they tell me anything....

I just thought of something else -- folks are thinking the flashed firmware is actually the same firmware they already have. So perhaps that is the missing link -- it really isn't different firmware at all so the offsets aren't different.

Anyway -- more to poke at!

Thanks,

-Chris

KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <vk3two@...> wrote:

Chris,

As soon as I hit send, I thought that perhaps doing the firmware update requires a 'factory reset', and could be why some have experienced problems after doing the firmware update, and why the alignment values didn't change!

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Hi Heath,

Thanks for everything you are doing to communicate back to the factory for all of us -- I personally really appreciate knowing that someone who is active in both communities is actively participating around here. So a big old hat tip to you from me!

I'm curious to know more details about why the firmware has no effect on the alignment settings? I'd appreciate a deeper understanding of that sentence. You can PM me if you like or post it here. Give it to me in all the technical/electrical details!

Anyway -- thanks again,

-Chris

KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <vk3two@...> wrote:

Fred,

I highly doubt that this supposed 'NEW' firmware which several of us have just just tried is actually 'NEW'. Whilst it's been 'newly' available for us to do the 'upgrade' ourselves, it's dated 20th July, so it's the same date that perhaps most PRO users have anyway, now some 6 weeks old.

I've been providing the factory with feedback on most points people have been discussing on this list, as well as points people have emailed me privately. Many of these points have been in the last couple of weeks, and some as recent as last week.

I doubt that we will see a firmware update made public for quite a while, though fingers are crossed that the latest shipped radios will already have corrected firmware.

A point to note here, is that the firmware has NO EFFECT on the alignment settings, so a firmware update will not automatically fix the issues with IF Offset's and the terrible default LSB BFO settings.

73's

Heath VK3TWO / VK6TWO
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Wireless Institute of Australia - State Emergency Comms co-ordinator (WA)

1330. Re: [X1M_QRP-Transceiver] RE: RIT Function

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 17:00:10 UTC
From: Charlie , W5COV
Topic: 1268 Message: 1330

Ken , I agree with you too . First priority is a good stable version addressing those issues first and I suspect some CW timing issues .

I don't know where the Version II designator came from , but I have one of each model that I am aware of that is on the market . The Pro is easily confirmed by pressing down and holding F5 it will show "Pro" and your serial number .

I find the same CW issues on both rigs .

If you pick one of these up at a hamfest well worth the investment in my opinion . Yes both versions have a few bugs , but for a new radio and the price I expected that going in . The factory does seem to be more than willing to correct the problems with upgrades , but they are VERRRRRY slow at doing it .

It is not for a person that does not have patience to wait on some mods and upgrades , primarily CW related . But if you operate SSB / QRP GRAB one up and use the heck out of it . BE SURE to do the simple user sideband setup as explained in the manual . I have already had mine portable for 4 days and when I am not looking into different ways to modify and "customize" it for my method of operation , II have it running all the time and look for a few QSO's .

Dale my scope is a memory scope , just my memory is the problem. <grin>

Just my fun and experience with it .

Charlie , W5COV

On 9/8/2013 11:49 AM, Ken Downs wrote:
>
> Chris and All,
>
> I don't think having new firmware change the alignment defaults is a
> real critical issue for many folks. The radio uses all 9.000 MHz
> crystals in the sideband filters, and finding a common value of
> offsets which will work for the majority of radios may not be
> possible. That will probably still be a radio-by-radio alignment
> issue. Perhaps the factory, rather than the proud new owners, could do
> it, but that would slow delivery and probably raise costs.
> I believe the most serious firmware issues in the Pro have nothing to
> do with the offset values reflected in the setup menu.. CW offset for
> receiving, and RIT and SPLIT mode functioning in all modes, are
> controlled by the firmware's VFO management. Which VFO is being used
> for receiving and which for transmitting (SPLIT mode) and whether a

> small adjustment to the VFO is made going from receive to transmit and
> vice-versa (RIT and CW operation) appear to be the problem areas in
> the present code causing me the most grief. I have heard that these
> functions worked correctly in the version II sets. If that is true it
> should not be hard to fix in the Pro. How does that go? "...It's just
> a matter of programming..."
> Good luck with your new mic project. I suspect the results will be
> well worth the effort.
> Ken, W1KRT
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> On Sep 8, 2013, at 11:05 AM, <orders@...
> <mailto:orders@...>> wrote:
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> Thanks Heath for your experience. My brain is clicking away to
> see what it thinks. It seems likely they are storing the
> actual values in a non-volatile memory either in a non-flashed part of
> the MCU or another location. So it COULD make sense that flashing
> the firmware doesn't touch the 'saved' settings -- like upgrading
> windows but leaving the installed files in place.
>
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> If that is the case I think you're right -- if someone reset to
> factory defaults then maybe we'd see different defaults than before.
>
>
> So I agree that is curious. Maybe I'll go poking at the schematics and
> see if they tell me anything....
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> I just thought of something else -- folks are thinking the flashed
> firmware is actually the same firmware they already have. So perhaps
> that is the missing link -- it really isn't different firmware at all
> so the offsets aren't different.
>
>
> Anyway -- more to poke at!
>
>
> Thanks,
>
> -Chris
>
> KC8MUS
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com
> <mailto:x1m_qrp-transceiver@yahoogroups.com>, <vk3two@...> wrote:

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> Chris,
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> I'm curious to know more details about why the firmware has no effect
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> that sentence. You can PM me if you like or post it here. Give it
> to me in all the technical/electrical details!
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>

1331. RE: Just ordered an XM1

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 18:43:41 UTC
From: <deadgoose@...>
Topic: 1325 Message: 1331

Microphone comes with it (at least in the colonies). Also, get the RS232 adapter, if you wish to use it with HRD/DM780. Also <gasp>, read the user's guide (under files section)

73 /paul W3FIS

--- In x1m_qrp-transceiver@yahoogroups.com, <squirrox@...> wrote:

Hi Everyone,

I just ordered an XM1. I was wondering if any one else has one in the UK? Also what microphone is suitable for the radio?

73s Steve G0XAR

1332. RE: RE: Just ordered an XM1

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 18:52:25 UTC
From: <squirrox@...>
Topic: 1325 Message: 1332

Paul,

Thanks for the info....I ordered the adaptor as I'll probably mostly use the radio for digital modes. Off to Hungary in 6 weeks and will take it with me...

73s Steve

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Microphone comes with it (at least in the colonies). Also, get the RS232 adapter, if you wish to use it with HRD/DM780. Also <gasp>, read the user's guide (under files section)

73 /paul W3FIS

--- In x1m_qrp-transceiver@yahoogroups.com, <squirrox@...> wrote:

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73s Steve G0XAR

1333. Re: [X1M_QRP-Transceiver] RE: RE: Just ordered an XM1

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 19:17:49 UTC
From: Charlie , W5COV
Topic: 1325 Message: 1333

Steve it will be great to see one get into your hands . I am certain
that besides having fun , you will come up with some interesting uses
and additions for it .

Great to see the builders and experimenters getting these into their hands .

I hope that you post a schedule of what mode and time you are on in
Hungary .

Charlie , W5COV

On 9/8/2013 1:52 PM, squirrox@... wrote:
>
> Paul,
>
>
> Thanks for the info....I ordered the adaptor as I'll probably mostly
> use the radio for digital modes. Off to Hungary in 6 weeks and will
> take it with me...
>
>
> 73s Steve
>
>
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> --- In X1M_QRP-Transceiver@yahoogroups.com,
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> 73 /paul W3FIS
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> --- In x1m_qrp-transceiver@yahoogroups.com, <squirrox@...> wrote:
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> the UK? Also what microphone is suitable for the radio?
>
> 73s Steve G0XAR
>

>

1334. RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 19:56:14 UTC
From: <lphebus@...>
Topic: 1311 Message: 1334

I added a picture of the sidebands after a "by ear" alignment as described by VK3TWO

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

I just un-boxed my X1M Platinum. I ran the TX into a dummy load and turned on my SoftRock Ensemble II SDR. There is enough RF despite the dummy load to register on the SDR, which is about 1 foot away. As you can see in the photos section, the sidebands of the X1M need some adjusting, The USB bleeds into the LSB and the LSB is weaker than the USB (all done at 7.280MHz). I'm sure this will be worked out in the adjustments I plan to perform. Also, the bandwidth of the SSB signal is well shy of the standard 2.7kHz. I suspect this is a limitation of the mike, which I suspect is the weakest link in the X1M rig. Just for reference, I added a similar test using an ICOM 7000 running 5W output and a MST400 kit LSB 40M transceiver (www.ozQRP.com) I built. I alternated LSB and USB for the X1M and the ICOM. The MST is only LSB. I used a Diamond SX-200 meter set at 5W full scale to run all three transceivers at about 2W peak (by eyeball).

Lee

1335. Re: [X1M_QRP-Transceiver] Just ordered an XM1

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 20:53:50 UTC
From: Stephen Farthing
Topic: 1325 Message: 1335

Hi Charlie,

Nice to hear from you. There are a lot of interesting aspects to the radio just made for experiments. As you might know I work with a few keen homebrewers in the European QRP community. When my set arrives we will do some measurements on it. One thing i am keen to try is to see if I can interface it with a Rasberry Pi running Fldigi. I will report back any info to the group.... If only the firmware was in the public domain we could have some real fun.

72s Steve G0XAR

On Sunday, 8 September 2013, Charlie , W5COV wrote:

> **
>
>
> Steve it will be great to see one get into your hands . I am certain that
> besides having fun , you will come up with some interesting uses and
> additions for it .
>
> Great to see the builders and experimenters getting these into their hands
> .
>
> I hope that you post a schedule of what mode and time you are on in
> Hungary .
>
> Charlie , W5COV
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> On 9/8/2013 1:52 PM, squirrox@... <javascript:_e({}, 'cvml',
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> Paul,
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> Thanks for the info....I ordered the adaptor as I'll probably mostly use
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> 73s Steve
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> I just ordered an XM1. I was wondering if any one else has one in the
> UK? Also what microphone is suitable for the radio?
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> 73s Steve G0XAR
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>
>

1336. Re: [X1M_QRP-Transceiver] Just ordered an XM1

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-08 21:16:44 UTC
From: Charlie , W5COV
Topic: 1325 Message: 1336

Oh yes I am quite familiar with your work Steve , one reason I was thrilled to see you getting one .

I agree it is an absolute dream for experimenters , the reason that I purchased mine . I too wish they would put the firmware in the public domain . I think that it could be of benefit to the company as well as the users .

I am a lurker most of the time , but have followed your work and Hans work for a few years now , quietly in the background .

This little jewel has brought me out and made me get quite involved . Have been using it to do a lot of WSPR and QRSS monitoring on 30 meters .

72, Charlie W5COV

On 9/8/2013 3:53 PM, Stephen Farthing wrote:
>
> Hi Charlie,
>
>
> Nice to hear from you. There are a lot of interesting aspects to the
> radio just made for experiments. As you might know I work with a few
> keen homebrewers in the European QRP community. When my set arrives we
> will do some measurements on it. One thing i am keen to try is to see
> if I can interface it with a Rasberry Pi running Fldigi. I will report
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> Steve it will be great to see one get into your hands . I am
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>> mostly use the radio for digital modes. Off to Hungary in 6 weeks
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>> 73 /paul W3FIS
>>
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>> I just ordered an XM1. I was wondering if any one else has
>> one in the UK? Also what microphone is suitable for the radio?
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>> 73s Steve G0XAR
>>
>
>

1337. RE: Just ordered an XM1

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-09 01:00:11 UTC
From: <deadgoose@...>
Topic: 1325 Message: 1337

I have used FLDIGI on the RPi and a SignaLink USB interface to my FT-817ND. I could generate a PSK-31 signal, but the processor in the RPi was not fast enough to decode things. I think I would have to overclock the RPi. As to digital interface to the X1M, it is a snap. I have interefaced the X1M to the SignaLink though the microphone and headphone jacks. Pinout for the microphone on this site in the User's Guide. I have gotten PSK-31 to run on X1M with HRD/DM780, so if you can crank the RPi up fast enough, I see no reason it should not work.

Interfacing a regular microphone to the X1M seems to require an extra LED -- see the discussion on the topic. I haven't tried that, as yet. On my list...

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I am a lurker most of the time , but have followed your work and Hans work for a few years now , quietly in the background .

This little jewel has brought me out and made me get quite involved . Have been using it to do a lot of WSPR and QRSS monitoring on 30 meters .

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On 9/8/2013 3:53 PM, Stephen Farthing wrote:

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I hope that you post a schedule of what mode and time you are on in Hungary .

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1338. RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-09 02:27:06 UTC
From: <lphebus@...>
Topic: 1311 Message: 1338

OK, my third post on this lonely thread. I am concerned that this transceiver does not adequately "lop off" the unused side band. I have posted a 4th picture of my X1M platinum rig signal on an SDR waterfall after aligning it according to the method described in the "more detailed manual" on http://www.wouxun.us/item.php?item_id=302
I used the program ARGO to match the sideband signals. As you can see from the most recent picture, the LSB and USB transmit images in the SDR frequency domain are nicely symmetrical... the rig is balanced, but there is significant signal in the unwanted sideband.

From looking at the top of the board, this rig uses a crystal ladder filter to slice off the unwanted sideband once the carrier has been stripped by a balanced modulator... correct? Most rigs that use this method are dedicated LSB or USB, or they use separate ladder filters. Is it possible that using a single ladder filter for both sidebands introduces just too many compromises? Check out the pictures and comparison to the ICOM (3-4X the price) and the MST-400 dedicated LSB rig.

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Maybe we need 2 sets of alignment parameters, one for LSB and one for USB. I am a bit disappointed... This may be the unmentioned elephant in the room...

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

I added a picture of the sidebands after a "by ear" alignment as described by VK3TWO

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

I just un-boxed my X1M Platinum. I ran the TX into a dummy load and turned on my SoftRock Ensemble II SDR. There is enough RF despite the dummy load to register on the SDR, which is about 1 foot away. As you can see in the photos section, the sidebands of the X1M need some adjusting, The USB bleeds into the LSB and the LSB is weaker than the USB (all done at 7.280MHz). I'm sure this will be worked out in the adjustments I plan to perform. Also, the bandwidth of the SSB signal is well shy of the standard 2.7kHz. I suspect this is a limitation of the mike, which I suspect is the weakest link in the X1M rig. Just for reference, I added a similar test using an ICOM 7000 running 5W output and a MST400 kit LSB 40M transceiver (www.ozQRP.com) I built. I alternated LSB and USB for the X1M and the ICOM. The MST is only LSB. I used a Diamond SX-200 meter set at 5W full scale to run all three transceivers at about 2W peak (by eyeball).

Lee

1339. RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-09 02:44:59 UTC
From: <lphebus@...>
Topic: 1311 Message: 1339

Sorry, the previous thread on the sideband issue was
http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/conversations/topics/1220

cut and paste error :-0

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

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transceivers at about 2W peak (by eyeball).

Lee

1340. Re: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-09 03:23:44 UTC
From: pezcat19
Topic: 1304 Message: 1340

Hi there,

Have you made this mod on the X1M-PRO? If so, does the audio clipping problem still occur at high volume levels (above 3 o'clock on big rx signals)?

i.e, Does it still clip but now at a lower position (say 12 o'clock) on the volume knob?

Cheers

Perrin
VK3XPT

1341. Re: [X1M_QRP-Transceiver] Re: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-09 03:30:49 UTC
From: Dale Parfitt
Topic: 1304 Message: 1341

The only thing I notice is the speaker distorting at high levels.

Dale W4OP
----- Original Message -----
From: pezcat19
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, September 08, 2013 11:23 PM
Subject: [X1M_QRP-Transceiver] Re: Increased RX Gain

Hi there,

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6648 - Release Date: 09/08/13

1342. RE: RE: Just ordered an XM1

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-09 07:42:44 UTC
From: <squirrox@...>
Topic: 1325 Message: 1342

Hi Paul and the group,

I believe that if you uncheck the "Multi channel Decoder" option in the "Modems PSK" menu choice under the "Configure" option, then go to the "Misc" tab and check "Slow CPU" you should be good to transmit everything apart from RTTY on a Pi. This is according to G4WNC's data mode column in Practical Wireless August 2013.

Hope this helps,

Steve G0XAR

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

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73 /paul W3FIS

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1343. Re: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-09 13:03:12 UTC
From: Dale Parfitt
Topic: 1311 Message: 1343

I'll have my SA back in the shop this Friday and will take another look. My first test was using the Elecraft P3 and I find it can be misleading on in-shop signals.

The test I just did, anyone can perform and it shows the SSB RX filtering to be very good. While I used a signal generator, you can use a ground wave AM broadcast station.

Set the rig to USB or LSB and tune across the carrier- the louder the signal the better. On the appropriate sideband you will of course hear the heterodyne. As you go down to zero beat and cross over to the opposite side, the heterodyne should be greatly reduced. Using a scope or AC voltmeter (that is accurate in the audio range) you can plot the filter response.

So on RX at least my filter looks excellent. I am hoping the TX signal also passes through this filter.

CW BTW, at least the way I have it set shows response on both sidebands, so I need to look at where in the filter I have the carrier placed.

Dale W4OP

----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, September 08, 2013 10:44 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Sorry, the previous thread on the sideband issue was
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cut and paste error :-0

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

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Version: 2013.0.3392 / Virus Database: 3222/6648 - Release Date: 09/08/13

1344. RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-09 16:01:11 UTC
From: <lphebus@...>
Topic: 1311 Message: 1344

Thanks Dale,

RX sounds good on my X1M too. It is the TX that concerns me. Under the same test circumstances, my two other rigs look OK but the X1M perhaps a bit "iffy". I would be grateful for any tests you could perform.

W9RWS, in the previous thread, could tune the rig so that one sideband looked very good, at the expense of the other. If necessary, one could have a optimized set of parameters for LSB and one for USB. This could even be incorporated into the software... but I am getting way ahead of myself...

Thanks again,

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KF7YRS

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

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Dale W4OP

----- Original Message -----

From: lphebus@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Sunday, September 08, 2013 10:44 PM

Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

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Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2013.0.3392 / Virus Database: 3222/6648 - Release Date: 09/08/13

1345. Re: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-09 16:13:50 UTC
From: Dale Parfitt
Topic: 1311 Message: 1345

I'll post my tests by this weekend assuming the SA makes its way back from South Carolina.

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 09, 2013 12:01 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Thanks Dale,

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From looking at the top of the board, this rig uses a crystal ladder filter to slice off the unwanted sideband once the carrier has been stripped by a balanced modulator... correct? Most rigs that use this method are dedicated LSB or USB, or they use separate ladder filters. Is it possible that using a single ladder filter for both sidebands introduces just too many compromises? Check out the pictures and comparison to the ICOM (3-4X the price) and the MST-400 dedicated LSB rig .

There was a previous thread on this issue http://www.wouxun.us/item.php?item_id=302

Maybe we need 2 sets of alignment parameters, one for LSB and one for USB. I am a bit disappointed... This may be the unmentioned elephant in the room...

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

I added a picture of the sidebands after a "by ear" alignment as described by VK3TWO

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

I just un-boxed my X1M Platinum. I ran the TX into a dummy load and turned on my SoftRock Ensemble II SDR. There is enough RF despite the dummy load to register on the SDR, which is about 1 foot away. As you can see in the photos section, the sidebands of the X1M need some adjusting, The USB bleeds into the LSB and the LSB is weaker than the USB (all done at 7.280MHz). I'm sure this will be worked out in the adjustments I plan to perform. Also, the bandwidth of the SSB signal is well shy of the standard 2.7kHz. I suspect this is a limitation of the mike, which I suspect is the weakest link in the X1M rig. Just for reference, I added a similar test using an ICOM 7000 running 5W output and a MST400 kit LSB 40M transceiver (www.ozQRP.com) I built. I alternated LSB and USB for the X1M and the ICOM.

The MST is only LSB. I used a D iamond SX-200 meter set at 5W full scale to run all three transceivers at about 2W peak (by eyeball).

Lee

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6648 - Release Date: 09/08/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6649 - Release Date: 09/09/13

1346. RE: Just ordered an XM1

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-09 17:52:59 UTC
From: <deadgoose@...>
Topic: 1325 Message: 1346

OK, I will give that a try. Poor CPU sunk beneath the wave on me!

73 /paul W3FIS

--- In x1m_qrp-transceiver@yahoogroups.com, <squirrox@...> wrote:

Hi Paul and the group,

I believe that if you uncheck the "Multi channel Decoder" option in the "Modems PSK" menu choice under the "Configure" option, then go to the "Misc" tab and check "Slow CPU" you should be good to transmit everything apart from RTTY on a Pi. This is according to G4WNC's data mode column in Practical Wireless August 2013.

Hope this helps,

Steve G0XAR

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I have used FLDIGI on the RPi and a SignaLink USB interface to my FT-817ND. I could generate a PSK-31 signal, but the processor in the RPi was not fast enough to decode things. I think I would have to overclock the RPi. As to digital interface to the X1M, it is a snap. I have interefaced the X1M to the SignaLink though the microphone and headphone jacks. Pinout for the microphone on this site in the User's Guide. I have gotten PSK-31 to run on X1M with HRD/DM780, so if you can crank the RPi up fast enough, I see no reason it should not work.

Interfacing a regular microphone to the X1M seems to require an extra LED -- see the discussion on the topic. I haven't tried that, as yet. On my list...

73 /paul W3FIS

--- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

Oh yes I am quite familiar with your work Steve , one reason I was thrilled to see you getting one .

I agree it is an absolute dream for experimenters , the reason that I purchased mine . I too wish they would put the firmware in the public domain .Ã☐ I think that it could be of benefit to the company as well as the users .

I am a lurker most of the time , but have followed your work and Hans work for a few years now , quietly in the background .

This little jewel has brought me out and made me get quite involved . Have been using it to do a lot of WSPR and QRSS monitoring on 30 meters .

72, Charlie W5COV

Ã☐

On 9/8/2013 3:53 PM, Stephen Farthing wrote:

ÃÂ

Hi Charlie,

Nice to hear from you. There are a lot of interesting aspects to the radio just made for experiments. As you might know I work with a few keen homebrewers in the European QRP community. When my set arrives we will do some measurements on it. One thing i am keen to try is to see if I can interface it with a Rasberry Pi running Fldigi. I will report back any info to the group.... If only the firmware was in the public domain we could have some real fun.ÃÂ

72s Steve G0XAR

On Sunday, 8 September 2013, Charlie , W5COV wrote:

ÃÂ

Steve it will be great to see one get into your hands . I am certain that besides having fun , you will come up with some interesting uses and additions for it .

Great to see the builders and experimenters getting these into their hands .

I hope that you post a schedule of what mode and time you are on in Hungary .

Charlie , W5COV

On 9/8/2013 1:52 PM, squirrox@... wrote:

ÃÂ

Paul,

Thanks for the info....I ordered the adaptor as I'll probably mostly use the radio for digital modes. Off to Hungary in 6 weeks and will take it with me...

73s Steve

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Microphone comes with it (at least in the colonies). Also, get the RS232 adapter, if you wish to use it with HRD/DM780. Also <gasp>, read the user's guide (under files section)

73 /paul W3FIS

--- In x1m_qrp-transceiver@yahoogroups.com, <squirrox@...> wrote:

Hi Everyone,

I just ordered an XM1. I was wondering if any one else has one in the UK? Also what microphone is suitable for the radio?

73s Steve G0XAR

1347. Re: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-09 20:38:50 UTC
From: M_AND_R_SHAREF
Topic: 1311 Message: 1347

My Drake TR-7 was the first radio I saw that uses one filter and moves the oscillator. So this is not new.

On Mon, Sep 9, 2013 at 12:13 PM, Dale Parfitt <parinc1@...> wrote:

> **
>
>
> **
> I'll post my tests by this weekend assuming the SA makes its way back
> from South Carolina.
>
> Dale W4OP
>
> ----- Original Message -----
> *From:* lphebus@...
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Monday, September 09, 2013 12:01 PM
> *Subject:* [X1M_QRP-Transceiver] RE: Sidebands on SDR
>
>
>
> Thanks Dale,
>
>
> RX sounds good on my X1M too. It is the TX that concerns me. Under the
> same test circumstances, my two other rigs look OK but the X1M perhaps a
> bit "iffy". I would be grateful for any tests you could perform.
>
>
> W9RWS, in the previous thread, could tune the rig so that one sideband
> looked very good, at the expense of the other. If necessary, one could
> have a optimized set of parameters for LSB and one for USB. This could
> even be incorporated into the software... but I am getting way ahead of
> myself...
>
>
> Thanks again,
>
>
> Lee
>
> KF7YRS
>
>

> --- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:
>
> ï»¿
> I'll have my SA back in the shop this Friday and will take another look.
> My first test was using the Elecraft P3 and I find it can be misleading on
> in-shop signals.
>
> The test I just did, anyone can perform and it shows the SSB RX filtering
> to be very good. While I used a signal generator, you can use a ground wave
> AM broadcast station.
>
> Set the rig to USB or LSB and tune across the carrier- the louder the
> signal the better. On the appropriate sideband you will of course hear the
> heterodyne. As you go down to zero beat and cross over to the opposite
> side, the heterodyne should be greatly reduced. Using a scope or AC
> voltmeter (that is accurate in the audio range) you can plot the filter
> response.
>
> So on RX at least my filter looks excellent. I am hoping the TX signal
> also passes through this filter.
>
> CW BTW, at least the way I have it set shows response on both sidebands,
> so I need to look at where in the filter I have the carrier placed.
>
>
> Dale W4OP
>
>
>
> ----- Original Message -----
> *From:* lphebus@...
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Sunday, September 08, 2013 10:44 PM
> *Subject:* [X1M_QRP-Transceiver] RE: Sidebands on SDR
>
>
>
> Sorry, the previous thread on the sideband issue was
> http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/conversations/topics/1220
>
>
> cut and paste error :-0
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:
>
> OK, my third post on this lonely thread. I am concerned that this
> transceiver does not adequately "lop off" the unused side band. I have
> posted a 4th picture of my X1M platinum rig signal on an SDR waterfall
> after aligning it according to the method described in the "more detailed

> manual" on http://www.wouxun.us/item.php?item_id=302
>
> I used the program ARGO to match the sideband signals. As you can see
> from the most recent picture, the LSB and USB transmit images in the SDR
> frequency domain are nicely symmetrical... the rig is balanced, but there
> is significant signal in the unwanted sideband.
>
>
> From looking at the top of the board, this rig uses a crystal ladder
> filter to slice off the unwanted sideband once the carrier has been
> stripped by a balanced modulator... correct? Most rigs that use this
> method are dedicated LSB or USB, or they use separate ladder filters. Is
> it possible that using a single ladder filter for both sidebands introduces
> just too many compromises? Check out the pictures and comparison to the
> ICOM (3-4X the price) and the MST-400 dedicated LSB rig .
>
>
> There was a previous thread on this issue
> http://www.wouxun.us/item.php?item_id=302
>
> Maybe we need 2 sets of alignment parameters, one for LSB and one for USB.
> I am a bit disappointed... This may be the unmentioned elephant in the
> room...
>
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:
>
> I added a picture of the sidebands after a "by ear" alignment as
> described by VK3TWO
>
>
>
> http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8Cav
jBVg
>
>
>
> Lee
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:
>
> I just un-boxed my X1M Platinum. I ran the TX into a dummy load and
> turned on my SoftRock Ensemble II SDR. There is enough RF despite the
> dummy load to register on the SDR, which is about 1 foot away. As you can
> see in the photos section, the sidebands of the X1M need some adjusting,
> The USB bleeds into the LSB and the LSB is weaker than the USB (all done
> at 7.280MHz). I'm sure this will be worked out in the adjustments I plan

> to perform. Also, the bandwidth of the SSB signal is well shy of the
> standard 2.7kHz. I suspect this is a limitation of the mike, which I
> suspect is the weakest link in the X1M rig. Just for reference, I added a
> similar test using an ICOM 7000 running 5W output and a MST400 kit LSB 40M
> transceiver (www.ozQRP.com) I built. I alternated LSB and USB for the
> X1M and the ICOM. The MST is only LSB. I used a D iamond SX-200 meter set
> at 5W full scale to run all three transceivers at about 2W peak (by
> eyeball).
>
> Lee
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.3392 / Virus Database: 3222/6648 - Release Date: 09/08/13
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.3392 / Virus Database: 3222/6649 - Release Date: 09/09/13
>
>
>

1348. Re: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-09 21:20:45 UTC
From: Dale Parfitt
Topic: 1311 Message: 1348

That link brought up the original video by VK3TWO- is that what you intended?

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, September 08, 2013 3:56 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

I added a picture of the sidebands after a "by ear" alignment as described by VK3TWO

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...& gt; wrote:

I just un-boxed my X1M Platinum. I ran the TX into a dummy load and turned on my SoftRock Ensemble II SDR. There is enough RF despite the dummy load to register on the SDR, which is about 1 foot away. As you can see in the photos section, the sidebands of the X1M need some adjusting, The USB bleeds into the LSB and the LSB is weaker than the USB (all done at 7.280MHz). I'm sure this will be worked out in the adjustments I plan to perform. Also, the bandwidth of the SSB signal is well shy of the standard 2.7kHz. I suspect this is a limitation of the mike, which I suspect is the weakest link in the X1M rig. Just for reference, I added a similar test using an ICOM 7000 running 5W output and a MST400 kit LSB 40M transceiver (www.ozQRP.com) I built. I alternated LSB and USB for the X1M and the ICOM. The MST is only LSB. I used a Diamond SX-200 meter set at 5W full scale to run all t hree transceivers at about 2W peak (by eyeball).

Lee

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6649 - Release Date: 09/09/13

1349. RE: RIT Function

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-09 22:44:11 UTC
From: <orders@...>
Topic: 1268 Message: 1349

I totally agree Ken too that the offsets are realy not that big of a deal. Just another curious thing to go poking at and learning about as it comes across the plate!
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

Ken , I agree with you too . First priority is a good stable version addressing those issues first and I suspect some CW timing issues .

I don't know where the Version II designator came from , but I have one of each model that I am aware of that is on the market . The Pro is easily confirmed by pressing down and holding F5 it will show "Pro" and your serial number .

I find the same CW issues on both rigs .

If you pick one of these up at a hamfest well worth the investment in my opinion . Yes both versions have a few bugs , but for a new radio and the price I expected that going in . The factory does seem to be more than willing to correct the problems with upgrades , but they are VERRRRRY slow at doing it .

It is not for a person that does not have patience to wait on some mods and upgrades , primarily CW related . But if you operate SSB / QRP GRAB one up and use the heck out of it . BE SURE to do the simple user sideband setup as explained in the manual . I have already had mine portable for 4 days and when I am not looking into different ways to modify and "customize" it for my method of operation , II have it running all the time and look for a few QSO's .

Dale my scope is a memory scope , just my memory is the problem. <grin>

Just my fun and experience with it .

Charlie , W5COV

On 9/8/2013 11:49 AM, Ken Downs wrote:

Chris and All,

I don't think having new firmware change the alignment defaults is a real critical issue for many folks. The radio uses all 9.000 MHz crystals in the sideband filters, and finding a common value of offsets which will work for the majority of radios may not be possible. That will probably still be a radio-by-radio alignment issue. Perhaps the factory, rather than the proud new owners, could do it, but that would slow delivery and probably raise costs.

I believe the most serious firmware issues in the Pro have nothing to do with the offset values reflected in the setup menu.. CW offset for receiving, and RIT and SPLIT mode functioning in all modes, are controlled by the firmware's VFO management. Which VFO is being used for receiving and which for transmitting (SPLIT mode) and whether a small

adjustment to the VFO is made going from receive to transmit and vice-versa (RIT and CW operation) appear to be the problem areas in the present code causing me the most grief. I have heard that these functions worked correctly in the version II sets. If that is true it should not be hard to fix in the Pro. How does that go? "...It's just a matter of programming..."

Good luck with your new mic project. I suspect the results will be well worth the effort.

Ken, W1KRT

On Sep 8, 2013, at 11:05 AM, <orders@...> wrote:

Thanks Heath for your experience. My brain is clicking away to see what it thinks. It seems likely they are storing the actual values in a non-volatile memory either in a non-flashed part of the MCU or another location. So it COULD make sense that flashing the firmware doesn't touch the 'saved' settings -- like upgrading windows but leaving the installed files in place.

If that is the case I think you're right -- if someone reset to factory defaults then maybe we'd see different defaults than before.

So I agree that is curious. Maybe I'll go poking at the schematics and see if they tell me anything....

I just thought of something else -- folks are thinking the flashed firmware is actually the same firmware they already have. So perhaps that is the missing link -- it really isn't different firmware at all so the offsets aren't different.

Anyway -- more to poke at!

Thanks,

-Chris

KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <vk3two@...> wrote:

Chris,

As soon as I hit send, I thought that perhaps doing the firmware update requires a 'factory reset', and could be why some have experienced problems after doing the firmware update, and why the alignment values didn't change!

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Hi Heath,

Thanks for everything you are doing to communicate back to the factory for all of us -- I personally really appreciate knowing that someone who is active in both communities is actively participating around here. So a big old hat tip to you from me!

I'm curious to know more details about why the firmware has no effect on the alignment settings? I'd appreciate a deeper understanding of that sentence. You can PM me if you like or post it here. Give it to me in all the technical/electrical details!

Anyway -- thanks again,

-Chris

KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <vk3two@...> wrote:

Fred,

I highly doubt that this supposed 'NEW' firmware which several of us have just just tried is actually 'NEW'. Whilst it's been 'newly' available for us to do the 'upgrade' ourselves, it's dated 20th July, so it's the same date that perhaps most PRO users have anyway, now some 6 weeks old.

I've been providing the factory with feedback on most points people have been discussing on this list, as well as points people have emailed me privately. Many of these points have been in the last couple of weeks, and some as recent as last week.

I doubt that we will see a firmware update made public for quite a while, though fingers are crossed that the latest shipped radios will already have corrected firmware.

A point to note here, is that the firmware has NO EFFECT on the alignment settings, so a firmware update will not automatically fix the issues with IF Offset's and the terrible default LSB BFO settings.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
VK3TWO Website (http://sites.google.com/site/actionman5/)

DSTAR (http://www.dstar.org.au/what_is_dstar.htm) - Co-ordinator (WA)
Hills Amateur Radio Group (http://www.harg.org.au/) - Technical Officer
WA Repeater Group (http://www.warg.org.au/) Ã¢Â□Â□ Committee
WA VHF Group (http://www.wavhfgroup.org.au/) Ã¢Â□Â□ Committee
Wireless Institute Civil Emergency Network (http://www.wia.org.au/members/emcom/wicen/) Ã¢Â□Â□ President & Technical Officer (WA)
Wireless Institute of Australia (http://www.wia.org.au/) Ã¢Â□Â□ State Advisory Committee (http://www.wia.org.au/members/advisories/about/) (WA)
Wireless Institute of Australia - State Emergency Comms (http://www.wia.org.au/members/emcom/about/) co-ordinator (WA)

1350. Re: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-09 04:59:51 UTC
From: pezcat19
Topic: 1304 Message: 1350

Thanks Dale,

If your rig still has it's covers off, would you be able to take a picture of the resistor location (R80C) and upload it to the group? I believe R80C can be accessed without separating the boards? This sounds like a very quick and simple mod to me!

Cheers,

Perrin
VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> The only thing I notice is the speaker distorting at high levels.
>
> Dale W4OP
> ----- Original Message -----
> From: pezcat19
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Sunday, September 08, 2013 11:23 PM
> Subject: [X1M_QRP-Transceiver] Re: Increased RX Gain
>
>
>
>
> Hi there,
>
> Have you made this mod on the X1M-PRO? If so, does the audio clipping problem still occur at high volume levels (above 3 o'clock on big rx signals)?
>
> i.e, Does it still clip but now at a lower position (say 12 o'clock) on the volume knob?
>
> Cheers
>
> Perrin
> VK3XPT
>
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.3392 / Virus Database: 3222/6648 - Release Date: 09/08/13
>

1351. Re: [X1M_QRP-Transceiver] Re: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 00:10:54 UTC
From: Dale Parfitt
Topic: 1304 Message: 1351

Hi Perrin,
I have the rig back together, but the resistor is directly under LM386 on the PRO version and can be IDed by confirming that one end goes to pin 1 and the other end goes to the electrolytic which is also on the underside of the top board. W5COV reports that the resistor is on the top of the orignal version board which makes the mod even simpler. With the extra gain, I seldom use the preamp now.

Dale
----- Original Message -----
From: pezcat19
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 09, 2013 12:59 AM
Subject: [X1M_QRP-Transceiver] Re: Increased RX Gain

Thanks Dale,

If your rig still has it's covers off, would you be able to take a picture of the resistor location (R80C) and upload it to the group? I believe R80C can be accessed without separating the boards? This sounds like a very quick and simple mod to me!

Cheers,

Perrin
VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> The only thing I notice is the speaker distorting at high levels.
>
> Dale W4OP
> ----- Original Message -----
> From: pezcat19
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Sunday, September 08, 2013 11:23 PM
> Subject: [X1M_QRP-Transceiver] Re: Increased RX Gain
>
>
>
>
> Hi there,
>
> Have you made this mod on the X1M-PRO? If so, does the audio clipping problem still occur at high volume levels (above 3 o'clock on big rx signals)?
>
> i.e, Does it still clip but now at a lower position (say 12 o'clock) on the volume knob?
>

> Cheers
>
> Perrin
> VK3XPT
>
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.3392 / Virus Database: 3222/6648 - Release Date: 09/08/13
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6651 - Release Date: 09/09/13

1352. Re: [X1M_QRP-Transceiver] Re: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 00:17:57 UTC
From: Charlie , W5COV
Topic: 1304 Message: 1352

I modified the original version. The non pro version and it is easily done with just the top cover removed . There is plenty of room even if you don't do SMD work to make the change . All solder connections needed are in plain sight on top of the board . If anyone needs help I can describe it in more detail but it is the resistor right off of pin 1 in front of the notch on the LM386 .

BTW it is also a 1K resistor in the one I have .

Charlie , W5COV

On 9/9/2013 7:10 PM, Dale Parfitt wrote:
>
> Hi Perrin,
> I have the rig back together, but the resistor is directly under LM386
> on the PRO version and can be IDed by confirming that one end goes to
> pin 1 and the other end goes to the electrolytic which is also on the
> underside of the top board. W5COV reports that the resistor is on
> the top of the orignal version board which makes the mod even
> simpler. With the extra gain, I seldom use the preamp now.
> Dale
>
> ----- Original Message -----
> *From:* pezcat19 <mailto:pezcat19@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Monday, September 09, 2013 12:59 AM
> *Subject:* [X1M_QRP-Transceiver] Re: Increased RX Gain
>
> Thanks Dale,
>
> If your rig still has it's covers off, would you be able to take a
> picture of the resistor location (R80C) and upload it to the
> group? I believe R80C can be accessed without separating the
> boards? This sounds like a very quick and simple mod to me!
>
> Cheers,
>
> Perrin
> VK3XPT
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>, "Dale Parfitt"
> <parinc1@...> wrote:
> >
> > The only thing I notice is the speaker distorting at high levels.

> >
> > Dale W4OP
> > ----- Original Message -----
> > From: pezcat19
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Sent: Sunday, September 08, 2013 11:23 PM
> > Subject: [X1M_QRP-Transceiver] Re: Increased RX Gain
> >
> >
> >
> >
> > Hi there,
> >
> > Have you made this mod on the X1M-PRO? If so, does the audio
> clipping problem still occur at high volume levels (above 3
> o'clock on big rx signals)?
> >
> > i.e, Does it still clip but now at a lower position (say 12
> o'clock) on the volume knob?
> >
> > Cheers
> >
> > Perrin
> > VK3XPT
> >
> >
> >
> >
> > No virus found in this message.
> > Checked by AVG - www.avg.com
> > Version: 2013.0.3392 / Virus Database: 3222/6648 - Release Date:
> 09/08/13
> >
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2013.0.3392 / Virus Database: 3222/6651 - Release Date:
> 09/09/13
>
>

1353. RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 01:50:04 UTC
From: <lphebus@...>
Topic: 1311 Message: 1353

Yes, it is the one titled "X1M PRO - Alignment Procedure (LSB Fix) dated 9/2/13. Is there a better / newer one?

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

ï»¿
That link brought up the original video by VK3TWO- is that what you intended?

Dale W4OP

----- Original Message -----

From: lphebus@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Sunday, September 08, 2013 3:56 PM

Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

I added a picture of the sidebands after a "by ear" alignment as described by VK3TWO

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...& gt; wrote:

I just un-boxed my X1M Platinum. I ran the TX into a dummy load and turned on my SoftRock Ensemble II SDR. There is enough RF despite the dummy load to register on the SDR, which is about 1 foot away. As you can see in the photos section, the sidebands of the X1M need some adjusting, The USB bleeds into the LSB and the LSB is weaker than the USB (all done at 7.280MHz). I'm sure this will be worked out in the adjustments I plan to perform. Also, the bandwidth of the SSB signal is well shy of the standard 2.7kHz. I suspect this is a limitation of the mike, which I suspect is the weakest link in the X1M rig. Just for reference, I added a similar test using an ICOM 7000 running 5W output and a MST400 kit LSB 40M transceiver (www.ozQRP.com) I built. I alternated LSB and USB for the X1M and the ICOM. The MST is only LSB. I used a Diamond SX-200 meter set at 5W full scale to run all t hree transceivers at about 2W peak (by eyeball).

Lee

No virus found in this message.
Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2013.0.3392 / Virus Database: 3222/6649 - Release Date: 09/09/13

1354. RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 01:53:53 UTC
From: <lphebus@...>
Topic: 1311 Message: 1354

Dale, I generated the RX SSB filter graph you suggested and posted it in the photos section. I rounded to the nearest dBm so it is a little bumpy...

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

Yes, it is the one titled "X1M PRO - Alignment Procedure (LSB Fix) dated 9/2/13. Is there a better / newer one?

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Ã¯Â»Â¿
That link brought up the original video by VK3TWO- is that what you intended?

Dale W4OP

----- Original Message -----

From: lphebus@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Sunday, September 08, 2013 3:56 PM

Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

I added a picture of the sidebands after a "by ear" alignment as described by VK3TWO

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...& gt; wrote:

I just un-boxed my X1M Platinum. I ran the TX into a dummy load and turned on my SoftRock Ensemble II SDR. There is enough RF despite the dummy load to register on the SDR, which is about 1 foot away. As you can see in the photos section, the sidebands of the X1M need some adjusting, The USB bleeds into the LSB and the LSB is weaker than the USB (all done at 7.280MHz). I'm sure this will be worked out in the adjustments I plan to perform. Also, the bandwidth of the SSB signal is well shy of the standard 2.7kHz. I suspect this is a limitation of the mike, which I suspect is the weakest link in the X1M rig. Just for reference, I added a similar test using an ICOM 7000 running 5W output and a MST400 kit LSB 40M transceiver (www.ozQRP.com) I built. I alternated LSB and USB for the X1M and the ICOM. The MST is only LSB. I used a Diamond SX-200 meter set at 5W full scale to run all t hree

transceivers at about 2W peak (by eyeball).

Lee

No virus found in this message.
Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2013.0.3392 / Virus Database: 3222/6649 - Release Date: 09/09/13

1355. Re: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 02:05:51 UTC
From: Dale Parfitt
Topic: 1311 Message: 1355

I guess what I am looking for is the picture you mentioned that you added of the sidebands after alignment.

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 09, 2013 9:50 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Yes, it is the one titled "X1M PRO - Alignment Procedure (LSB Fix) dated 9/2/13. Is there a better / newer one?

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

ï»¿
That link brought up the original video by VK3TWO- is that what you intended?

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, September 08, 2013 3:56 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

I added a picture of the sidebands after a "by ear" alignment as described by VK3TWO

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...& gt; wrote:

I just un-boxed my X1M Platinum. I ran the TX into a dummy load and turned on my SoftRock Ensemble II SDR. There is enough RF despite the dummy load to register on the SDR, which is about 1 foot away. As you can see in the photos section, the sidebands of the X1M need some adjusting, The USB bleeds into the LSB and the LSB is weaker than the USB (all done at 7.280MHz). I'm sure this will be worked out in the adjustments I plan to perform. Also, the bandwidth of the SSB signal is well shy of the standard 2.7kHz. I suspect this is a limitation of the mike, which I suspect is the weakest link in the X1M rig. Just for reference, I added a similar test using an ICOM 7000 running 5W output and a MST400 kit LSB 40M transceiver (www.ozQRP.com) I built. I alternated LSB and USB for the X1M and the ICOM. The MST is only LSB. I used a Diamond SX-200 meter set at 5W full scale to run all t hree transceivers at about 2W peak (by eyeball).

Lee
No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6649 - Release Date: 09/09/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6651 - Release Date: 09/09/13

1356. RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 02:31:17 UTC
From: <lphebus@...>
Topic: 1311 Message: 1356

Dale, in the "photos" section there is an album titled "USB and LSB on an SDR". In it are 3 images of the X1M side bands as seen on a SDR waterfall...

X1M = the radio as received from the vendor
X1M after by ear alignment = after the youtube video alignment method
X1M aligned according to manual = balanced by ear then fine tuned using ARGO software
See the original post in this thread for details...

Also, take a look at the RX side bands graph!

I hope I have answered the question you were asking ;-)

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

ï»¿
I guess what I am looking for is the picture you mentioned that you added of the sidebands after alignment.

Dale W4OP

----- Original Message -----

From: lphebus@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, September 09, 2013 9:50 PM

Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Yes, it is the one titled "X1M PRO - Alignment Procedure (LSB Fix) dated 9/2/13. Is there a better / newer one?

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Ã¯Â»Â¿
That link brought up the original video by VK3TWO- is that what you intended?

Dale W4OP

----- Original Message -----

From: lphebus@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Sunday, September 08, 2013 3:56 PM

Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

I added a picture of the sidebands after a "by ear" alignment as described by VK3TWO

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...& gt; wrote:

I just un-boxed my X1M Platinum. I ran the TX into a dummy load and turned on my SoftRock Ensemble II SDR. There is enough RF despite the dummy load to register on the SDR, which is about 1 foot away. As you can see in the photos section, the sidebands of the X1M need some adjusting, The USB bleeds into the LSB and the LSB is weaker than the USB (all done at 7.280MHz). I'm sure this will be worked out in the adjustments I plan to perform. Also, the bandwidth of the SSB signal is well shy of the standard 2.7kHz. I suspect this is a limitation of the mike, which I suspect is the weakest link in the X1M rig. Just for reference, I added a similar test using an ICOM 7000 running 5W output and a MST400 kit LSB 40M transceiver (www.ozQRP.com) I built. I alternated LSB and USB for the X1M and the ICOM. The MST is only LSB. I used a Diamond SX-200 meter set at 5W full scale to run all t hree transceivers at about 2W peak (by eyeball).

Lee

No virus found in this message.
Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2013.0.3392 / Virus Database: 3222/6649 - Release Date: 09/09/13

No virus found in this message.
Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2013.0.3392 / Virus Database: 3222/6651 - Release Date: 09/09/13

1357. Re: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 02:49:50 UTC
From: Dale Parfitt
Topic: 1311 Message: 1357

Got it Lee- that's what I was missing- that you had posted pix in the Files section.
Thank you,

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 09, 2013 10:31 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Dale, in the "photos" section there is an album titled "USB and LSB on an SDR". In it are 3 images of the X1M side bands as seen on a SDR waterfall...

X1M = the radio as received from the vendor

X1M after by ear alignment = after the youtube video alignment method

X1M aligned according to manual = balanced by ear then fine tuned using ARGO software

See the original post in this thread for details...

Also, take a look at the RX side bands graph!

I hope I have answered the question you were asking ;-)

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

ï»¿
I guess what I am looking for is the picture you mentioned that you added of the sidebands after alignment.

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 09, 2013 9:50 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Yes, it is the one titled "X1M PRO - Alignment Procedure (LSB Fix) dated 9/2/13. Is there a better / newer one?

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Ã¯Â»Â¿
That link brought up the original video by VK3TWO- is that what you intended?

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, September 08, 2013 3:56 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

I added a picture of the sidebands after a "by ear" alignment as described by VK3TWO

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...& gt; wrote:

I just un-boxed my X1M Platinum. I ran the TX into a dummy load and turned on my SoftRock Ensemble II SDR. There is enough RF despite the dummy load to register on the SDR, which is about 1 foot away. As you can see in the photos section, the sidebands of the X1M need some adjusting, The USB bleeds into the LSB and the LSB is weaker than the USB (all done at 7.280MHz). I'm sure this will be worked out in the adjustments I plan to perform. Also, the bandwidth of the SSB signal is well shy of the standard 2.7kHz. I suspect this is a limitation of the mike, which I suspect is the weakest link in the X1M rig. Just for reference, I added a similar test using an ICOM 7000 running 5W output and a MST400 kit LSB 40M transceiver (www.ozQRP.com) I built. I alternated LSB and USB for the X1M and the ICOM. The MST is only LSB. I used a Diamond SX-200 meter set at 5W full scale to run all t hree transceivers at about 2W peak (by eyeball).

Lee
No virus found in this message.
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Version: 2013.0.3392 / Virus Database: 3222/6649 - Release Date: 09/09/13

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Checked by AVG - www.avg.com
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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6651 - Release Date: 09/09/13

1358. RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 03:23:48 UTC
From: <lphebus@...>
Topic: 1311 Message: 1358

Dale, the most complete and current set of pictures are in the "photos" section. I accidentally started my posts in the files section and had difficulty deleting them. The images in the "photos" section are what you re looking for.

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

ï»¿
Got it Lee- that's what I was missing- that you had posted pix in the Files section.

Thank you,

Dale W4OP

----- Original Message -----

From: lphebus@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, September 09, 2013 10:31 PM

Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Dale, in the "photos" section there is an album titled "USB and LSB on an SDR". In it are 3 images of the X1M side bands as seen on a SDR waterfall...

X1M = the radio as received from the vendor

X1M after by ear alignment = after the youtube video alignment method

X1M aligned according to manual = balanced by ear then fine tuned using ARGO software

See the original post in this thread for details...

Also, take a look at the RX side bands graph!

I hope I have answered the question you were asking ;-)

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Ã¯Â»Â¿
I guess what I am looking for is the picture you mentioned that you added of the sidebands after alignment.

Dale W4OP

----- Original Message -----

From: lphebus@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, September 09, 2013 9:50 PM

Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Yes, it is the one titled "X1M PRO - Alignment Procedure (LSB Fix) dated 9/2/13. Is there a better / newer one?

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Ã□Â¯Ã□Â»Ã□Â¿
That link brought up the original video by VK3TWO- is that what you intended?

Dale W4OP

----- Original Message -----

From: lphebus@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Sunday, September 08, 2013 3:56 PM

Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

I added a picture of the sidebands after a "by ear" alignment as described by VK3TWO

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...& gt; wrote:

I just un-boxed my X1M Platinum. I ran the TX into a dummy load and turned on my SoftRock Ensemble II SDR. There is enough RF despite the dummy load to register on the SDR, which is about 1 foot away. As you can see in the photos section, the sidebands of the X1M need some adjusting, The USB bleeds into the LSB and the LSB is weaker than the USB (all done at 7.280MHz). I'm sure this will be worked out in the adjustments I plan to perform. Also, the bandwidth of the SSB signal is well shy of the standard 2.7kHz. I suspect this is a limitation of the mike, which I suspect is the weakest link in the X1M rig. Just for reference, I added a similar test using an ICOM 7000 running 5W output and a MST400 kit LSB 40M transceiver (www.ozQRP.com) I built. I alternated LSB and USB for the X1M and the ICOM. The MST is only LSB. I used a Diamond SX-200 meter set at 5W full scale to run all t hree transceivers at about 2W peak (by eyeball).

Lee

No virus found in this message.
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No virus found in this message.
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Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2013.0.3392 / Virus Database: 3222/6651 - Release Date: 09/09/13

1359. Still Waiting For An Answer From KightRadio.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 03:41:27 UTC
From: <gedanate@...>
Topic: 1359 Message: 1359

I have seen other X1M buyers complain in this Group about KightRadio ignoring them, and I have stuck up for KightRadio in the past, defended them from all kinds of angry comments.

I sent in my money as a pre-paid order back in May, and I have gotten to the point where I am not willing to wait any more.

Dale used to answer my emails, months ago, but the last answer I received from him (whan i said gimme me radio or refund my money!) just said "Are you receiving my emails?" and it said absolutely nothing else. It didn't say what was happening.

Since that time I have emailed a further 5 or so enquiries, and all of them have been ignored. So I now feel rather negatively towards KightRadio, since they have not handled the situation at all well, as far as I can see.

Is the Dale I have recently seen discussing this little transceiver the same Dale who once replied to me politely from KightRadio, or are they two different people?

I do know the factory has been very very slow in sending KightRadio the units they had ordered, but from what I have been reading in here for all these months, the radio still has so many things wrong with it I am not comfortable with the idea of trying to fix the thing when (or if) I ever get one.

So I want my money back, unless I know I will get one with all the fixes - such as the CW alignment - done properly by the factory.. Then again, I might well die of old age waiting.

What do you suggest, guys? And Dale, are you the guy I should be talking to or is that Dale somebody else? I have already paid KightRadio for the rig, so if they can't supply it, they ought to refund me. I am certainly not willing to pay twice for the radio.

73 de David Harvey, vk2dmh.

1360. Re: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 03:42:06 UTC
From: Dale Parfitt
Topic: 1311 Message: 1360

My error- I meant photos.
Thanks Lee,

Dale
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 09, 2013 11:23 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Dale, the most complete and current set of pictures are in the "photos" section. I accidentally started my posts in the files section and had difficulty deleting them. The images in the "photos" section are what you re looking for.

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

ï»¿
Got it Lee- that's what I was missing- that you had posted pix in the Files section.
Thank you,

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 09, 2013 10:31 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Dale, in the "photos" section there is an album titled "USB and LSB on an SDR". In it are 3 images of the X1M side bands as seen on a SDR waterfall...

X1M = the radio as received from the vendor

X1M after by ear alignment = after the youtube video alignment method

X1M aligned according to manual = balanced by ear then fine tuned using ARGO software

See the original post in this thread for details...

Also, take a look at the RX side bands graph!

I hope I have answered the question you were asking ;-)

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Ã¯Â»Â¿
I guess what I am looking for is the picture you mentioned that you added of the sidebands after alignment.

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 09, 2013 9:50 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Yes, it is the one titled "X1M PRO - Alignment Procedure (LSB Fix) dated 9/2/13. Is there a better / newer one?

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Ã□Â¯Ã□Â»Ã□Â¿
That link brought up the original video by VK3TWO- is that what you intended?

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, September 08, 2013 3:56 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

I added a picture of the sidebands after a "by ear" alignment as described by VK3TWO

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...& gt; wrote:

I just un-boxed my X1M Platinum. I ran the TX into a dummy load and turned on my SoftRock Ensemble II SDR. There is enough RF despite the dummy load to register on the SDR, which is about 1 foot away. As you can see in the photos section, the sidebands of the X1M need some adjusting, The USB bleeds into the LSB and the LSB is weaker than the USB (all done at 7.280MHz). I'm sure this will be worked out in the adjustments I plan to perform. Also, the bandwidth of the SSB signal is well shy of the standard 2.7kHz. I suspect this is a limitation of the mike, which I suspect is the weakest link in the X1M rig. Just for reference, I added a similar test using an ICOM 7000 running 5W output and a MST400 kit LSB 40M transceiver (www.ozQRP.com) I built. I alternated LSB and USB for the X1M and the ICOM. The MST is only LSB. I used a Diamond SX-200 meter set at 5W full scale to run all t hree transceivers at about 2W peak (by eyeball).

Lee
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Checked by AVG - www.avg.com
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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6651 - Release Date: 09/09/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6651 - Release Date: 09/09/13

1361. Re: [X1M_QRP-Transceiver] Still Waiting For An Answer From KightRadio.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 04:09:50 UTC
From: Charlie , W5COV
Topic: 1359 Message: 1361

I can assure you that the Dale doing the tests mods and comments has NO INVOLVEMENT AT ALL WITH KIGHT RADIO.

Just making CERTAIN that EVERYONE on the group knows that , in case the Dale on this list that is posting on here currently is already off for the evening , is NOT confused with the other Dale !!!

This Dale does indeed own a business that also sells other ham products . He is the founder and designer behind the PAR antennas that are so popular and so highly praised , by hams all over the world in Ham Radio , especially the QRP field . The famous EFHW , etc . He has sold that part of his business .

His line of products that he manufactures may be found at the following URL :

http://www.parelectronics.com/index.php

He has a STELLAR reputation in the ham community .

Hope this clears up ANY confusion . I'll let Dale speak for himself when he reads the messages .

Best 73 ,

Charlie , W5COV

On 9/9/2013 10:41 PM, gedanate@... wrote:
>
> I have seen other X1M buyers complain in this Group about KightRadio
> ignoring them, and I have stuck up for KightRadio in the past,
> defended them from all kinds of angry comments.
>
>
> I sent in my money as a pre-paid order back in May, and I have gotten
> to the point where I am not willing to wait any more.
>
> Dale used to answer my emails, months ago, but the last answer I
> received from him (whan i said gimme me radio or refund my money!)
> just said "Are you receiving my emails?" and it said absolutely
> nothing else. It didn't say what was happening.
>
> Since that time I have emailed a further 5 or so enquiries, and all of
> them have been ignored. So I now feel rather negatively towards
> KightRadio, since they have not handled the situation at all well, as
> far as I can see.

>
> Is the Dale I have recently seen discussing this little transceiver
> the same Dale who once replied to me politely from KightRadio, or are
> they two different people?
>
> I do know the factory has been very very slow in sending KightRadio
> the units they had ordered, but from what I have been reading in here
> for all these months, the radio still has so many things wrong with it
> I am not comfortable with the idea of trying to fix the thing when (or
> if) I ever get one.
>
> So I want my money back, unless I know I will get one with all the
> fixes - such as the CW alignment - done properly by the factory.. Then
> again, I might well die of old age waiting.
>
> What do you suggest, guys? And Dale, are you the guy I should be
> talking to or is that Dale somebody else? I have already paid
> KightRadio for the rig, so if they can't supply it, they ought to
> refund me. I am certainly not willing to pay twice for the radio.
>
> 73 de David Harvey, vk2dmh.
>

1362. RE: Still Waiting For An Answer From KightRadio.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 04:25:41 UTC
From: <gedanate@...>
Topic: 1359 Message: 1362

Thanks for letting me know, Charlie , W5COV. These two Dales are definitely different people.

My sincere apologies to this Dale Parfitt, W4OP, for any confusion I may have caused. And Dale, I really love your end-fed half-wave antennas, I own two of them!

73 and best wishes,
de David, VK2DMH

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I have seen other X1M buyers complain in this Group about KightRadio ignoring them, and I have stuck up for KightRadio in the past, defended them from all kinds of angry comments.

I sent in my money as a pre-paid order back in May, and I have gotten to the point where I am not willing to wait any more.

Dale used to answer my emails, months ago, but the last answer I received from him (whan i said gimme me radio or refund my money!) just said "Are you receiving my emails?" and it said absolutely nothing else. It didn't say what was happening.

Since that time I have emailed a further 5 or so enquiries, and all of them have been ignored. So I now feel rather negatively towards KightRadio, since they have not handled the situation at all well, as far as I can see.

Is the Dale I have recently seen discussing this little transceiver the same Dale who once replied to me politely from KightRadio, or are they two different people?

I do know the factory has been very very slow in sending KightRadio the units they had ordered, but from what I have been reading in here for all these months, the radio still has so many things wrong with it I am not comfortable with the idea of trying to fix the thing when (or if) I ever get one.

So I want my money back, unless I know I will get one with all the fixes - such as the CW alignment - done properly by the factory.. Then again, I might well die of old age waiting.

What do you suggest, guys? And Dale, are you the guy I should be talking to or is that Dale somebody else? I have already paid KightRadio for the rig, so if they can't supply it, they ought to refund me. I am certainly not willing to pay twice for the radio.

73 de David Harvey, vk2dmh.

1363. RE: Still Waiting For An Answer From KightRadio.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 04:50:33 UTC
From: <lphebus@...>
Topic: 1359 Message: 1363

Dale, (W4OP)

I also love your end-fedz antennas... I have the 10, 20, 40 meter version. Thanks for the great designs. I'm glad you are interested in the X1M!

Lee
KF7YRS

--- In x1m_qrp-transceiver@yahoogroups.com, <gedanate@...> wrote:

Thanks for letting me know, Charlie , W5COV. These two Dales are definitely different people.

My sincere apologies to this Dale Parfitt, W4OP, for any confusion I may have caused. And Dale, I really love your end-fed half-wave antennas, I own two of them!

73 and best wishes,
de David, VK2DMH

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I have seen other X1M buyers complain in this Group about KightRadio ignoring them, and I have stuck up for KightRadio in the past, defended them from all kinds of angry comments.

I sent in my money as a pre-paid order back in May, and I have gotten to the point where I am not willing to wait any more.

Dale used to answer my emails, months ago, but the last answer I received from him (whan i said gimme me radio or refund my money!) just said "Are you receiving my emails?" and it said absolutely nothing else. It didn't say what was happening.

Since that time I have emailed a further 5 or so enquiries, and all of them have been ignored. So I now feel rather negatively towards KightRadio, since they have not handled the situation at all well, as far as I can see.

Is the Dale I have recently seen discussing this little transceiver the same Dale who once replied to me politely from KightRadio, or are they two different people?

I do know the factory has been very very slow in sending KightRadio the units they had ordered, but from what I have been reading in here for all these months, the radio still has so many things wrong with it I am not comfortable with the idea of trying to fix the thing when (or if) I ever get one.

So I want my money back, unless I know I will get one with all the fixes - such as the CW alignment - done properly by the factory.. Then again, I might well die of old age waiting.

What do you suggest, guys? And Dale, are you the guy I should be talking to or is that Dale somebody else? I have already paid KightRadio for the rig, so if they can't supply it, they ought to refund me. I am certainly not willing to pay twice for the radio.

73 de David Harvey, vk2dmh.

1364. Re: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 12:58:21 UTC
From: Dale Parfitt
Topic: 1311 Message: 1364

Very nice work Lee- thank you,

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 09, 2013 9:53 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Dale, I generated the RX SSB filter graph you suggested and posted it in the photos section. I rounded to the nearest dBm so it is a little bumpy...

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

Yes, it is the one titled "X1M PRO - Alignment Procedure (LSB Fix) dated 9/2/13. Is there a better / newer one?

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Ã¯Â»Â¿
That link brought up the original video by VK3TWO- is that what you intended?

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, September 08, 2013 3:56 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

I added a picture of the sidebands after a "by ear" alignment as described by VK3TWO

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...& gt; wrote:

I just un-boxed my X1M Platinum. I ran the TX into a dummy load and turned on my SoftRock Ensemble II SDR. There is enough RF despite the dummy load to register on the SDR, which is about 1 foot away. As you can see in the photos section, the sidebands of the X1M need some adjusting, The USB bleeds into the LSB and the LSB is weaker than the USB (all done at 7.280MHz). I'm sure this will be worked out in the adjustments I plan to perform. Also, the

bandwidth of the SSB signal is well shy of the standard 2.7kHz. I suspect this is a limitation of the mike, which I suspect is the weakest link in the X1M rig. Just for reference, I added a similar test using an ICOM 7000 running 5W output and a MST400 kit LSB 40M transceiver (www.ozQRP.com) I built. I alternated LSB and USB for the X1M and the ICOM. The MST is only LSB. I used a Diamond SX-200 meter set at 5W full scale to run all t hree transceivers at about 2W peak (by eyeball).

Lee

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6649 - Release Date: 09/09/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6651 - Release Date: 09/09/13

1365. RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 17:33:22 UTC
From: <orders@...>
Topic: 1304 Message: 1365

You can actually see the location of the SMD resistor for the original version in my photo I uploaded asking about the trimmers in the photo section. The IC that is only 1/2 in the photo on the bottom left is the LM386 and the SMD resistor below it is the R80C of note. On the original version the cap is mounted on the bottom of the top board but easily traceable from the top.

Charlie -- I'm glad to hear that at least two of the orginal rigs have the same resistor value and one of the Pro too. Gives me hope that while they didn't follow the schematics they at least were consistent!

-Chris
KC8MUS

ps - the photo of note is in the album ver II Specific Photos and the photo name is "20130907_201301"

--- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

I modified the original version. The non pro version and it is easily done with just the top cover removed . There is plenty of room even if you don't do SMD work to make the change . All solder connections needed are in plain sight on top of the board . If anyone needs help I can describe it in more detail but it is the resistor right off of pin 1 in front of the notch on the LM386 .

BTW it is also a 1K resistor in the one I have .

Charlie , W5COV

On 9/9/2013 7:10 PM, Dale Parfitt wrote:

Hi Perrin,

I have the rig back together, but the resistor is directly under LM386 on the PRO version and can be IDed by confirming that one end goes to pin 1 and the other end goes to the electrolytic which is also on the underside of the top board. W5COV reports that the resistor is on the top of the orignal version board which makes the mod even simpler. With the extra gain, I seldom use the preamp now.

Dale

----- Original Message -----

From: pezcat19

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, September 09, 2013 12:59 AM

Subject: [X1M_QRP-Transceiver] Re: Increased RX Gain

Thanks Dale,

If your rig still has it's covers off, would you be able to take a picture of the resistor location (R80C) and upload it to the group? I believe R80C can be accessed without separating the boards? This sounds like a very quick and simple mod to me!

Cheers,

Perrin
VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> The only thing I notice is the speaker distorting at high levels.
>
> Dale W4OP
> ----- Original Message -----
> From: pezcat19
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Sunday, September 08, 2013 11:23 PM
> Subject: [X1M_QRP-Transceiver] Re: Increased RX Gain
>
>
>
>
> Hi there,
>
> Have you made this mod on the X1M-PRO? If so, does the audio clipping problem still occur at high volume levels (above 3 o'clock on big rx signals)?
>
> i.e, Does it still clip but now at a lower position (say 12 o'clock) on the volume knob?
>
> Cheers
>
> Perrin
> VK3XPT
>
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com (http://www.avg.com)
> Version: 2013.0.3392 / Virus Database: 3222/6648 - Release Date: 09/08/13
>

No virus found in this message.
Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2013.0.3392 / Virus Database: 3222/6651 - Release Date: 09/09/13

1366. Re: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 17:47:52 UTC
From: Dale Parfitt
Topic: 1311 Message: 1366

For some reason, I see multiple posts showing up. This is a duplicate of one sent last night.

Dale
----- Original Message -----
From: Dale Parfitt
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 09, 2013 5:20 PM
Subject: Re: [X1M_QRP-Transceiver] RE: Sidebands on SDR

☐

That link brought up the original video by VK3TWO- is that what you intended?

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, September 08, 2013 3:56 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

I added a picture of the sidebands after a "by ear" alignment as described by VK3TWO

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...& gt; wrote:

I just un-boxed my X1M Platinum. I ran the TX into a dummy load and turned on my SoftRock Ensemble II SDR. There is enough RF despite the dummy load to register on the SDR, which is about 1 foot away. As you can see in the photos section, the sidebands of the X1M need some adjusting, The USB bleeds into the LSB and the LSB is weaker than the USB (all done at 7.280MHz). I'm sure this will be worked out in the adjustments I plan to perform. Also, the bandwidth of the SSB signal is well shy of the standard 2.7kHz. I suspect this is a limitation of the mike, which I suspect is the weakest link in the X1M rig. Just for reference, I added a similar test using an ICOM 7000 running 5W output and a MST400 kit LSB 40M transceiver (www.ozQRP.com) I built. I alternated LSB and USB for the X1M and the ICOM. The MST is only LSB. I used a Diamond SX-200 meter set at 5W full scale to run all t hree transceivers at about 2W peak (by eyeball).

Lee

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Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6649 - Release Date: 09/09/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6652 - Release Date: 09/10/13

1367. Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 18:03:26 UTC
From: Charlie , W5COV
Topic: 1304 Message: 1367

Hi Chris ,

Yes even the leads for the capacitor are easy to access on the original version . With the mod done , I can only barely crack the volume control pot above the "on" position to have plenty of speaker audio . I let it run all last night while I listened to CW on 40 meters . If a person wanted to keep it "factory looking" they could change the resistor out for a zero ohm jumper of the same physical size . I just didn't have any on hand . I am not even certain what "size" of SMD's are used in these radios , because I really do need to order some SMD parts to have on hand for making small clean and professional looking mods . I need to get me an assortment of different parts .

I'll verify the value in the Pro today . I am alternating back and forth between the two rigs . I am trying to verify and document a couple of other changes between the two versions hopefully later today . I believe there are some updates to the Pro in the on board power conditioning circuit , which may or may not be related to the issue to the unlock issue that some of the people with the original model have and do experience . I won't know for sure until I document the Pro version and get some voltage readings , on the parts that I suspect are the problem on the original .

THANKS for the photos !! A nice set of photos for the boards for both versions would be nice and perhaps someone good at things like that can even tag at least some of the part numbers , to help keep people oriented looking at the board and maybe specifically identify any parts that get a mod made to them .

It is great to see so many people working together to help everyone else , enjoy this little rig . I still just love the little rig and have made plenty of exciting QRP SSB contacts with it .

Sure would be even better if we can get someone from the factory that is at least pretty decent in English and Chinese to join this group . I am SURE that it would not only benefit we users , but could REALLY benefit the company too .

Charlie , W5COV

On 9/10/2013 12:33 PM, orders@... wrote:
>
> You can actually see the location of the SMD resistor for the original
> version in my photo I uploaded asking about the trimmers in the photo
> section. The IC that is only 1/2 in the photo on the bottom left is
> the LM386 and the SMD resistor below it is the R80C of note. On the
> original version the cap is mounted on the bottom of the top board but

> easily traceable from the top.
>
> Charlie -- I'm glad to hear that at least two of the orginal rigs have
> the same resistor value and one of the Pro too. Gives me hope that
> while they didn't follow the schematics they at least were consistent!
>
> -Chris
>
> KC8MUS
>
> ps - the photo of note is in the album ver II Specific Photos and the
> photo name is "20130907_201301"
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:
>
> I modified the original version. The non pro version and it is easily
> done with just the top cover removed . There is plenty of room even if
> you don't do SMD work to make the change . All solder connections
> needed are in plain sight on top of the board . If anyone needs help I
> can describe it in more detail but it is the resistor right off of pin
> 1 in front of the notch on the LM386 .
>
> BTW it is also a 1K resistor in the one I have .
>
> Charlie , W5COV
>
> On 9/9/2013 7:10 PM, Dale Parfitt wrote:
>
> Hi Perrin,
> I have the rig back together, but the resistor is directly under
> LM386 on the PRO version and can be IDed by confirming that one
> end goes to pin 1 and the other end goes to the electrolytic
> which is also on the underside of the top board. W5COV reports
> that the resistor is on the top of the orignal version board
> which makes the mod even simpler. With the extra gain, I seldom
> use the preamp now.
> Dale
>
> ----- Original Message -----
> *From:* pezcat19
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Monday, September 09, 2013 12:59 AM
> *Subject:* [X1M_QRP-Transceiver] Re: Increased RX Gain
>
> Thanks Dale,
>
> If your rig still has it's covers off, would you be able to
> take a picture of the resistor location (R80C) and upload it

> to the group? I believe R80C can be accessed without
> separating the boards? This sounds like a very quick and
> simple mod to me!
>
> Cheers,
>
> Perrin
> VK3XPT
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt"
> <parinc1@...> wrote:
> >
> > The only thing I notice is the speaker distorting at high
> levels.
> >
> > Dale W4OP
> > ----- Original Message -----
> > From: pezcat19
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Sent: Sunday, September 08, 2013 11:23 PM
> > Subject: [X1M_QRP-Transceiver] Re: Increased RX Gain
> > >
> > >
> > >
> > >
> > Hi there,
> > >
> > Have you made this mod on the X1M-PRO? If so, does the audio
> clipping problem still occur at high volume levels (above 3
> o'clock on big rx signals)?
> >
> > i.e, Does it still clip but now at a lower position (say 12
> o'clock) on the volume knob?
> >
> > Cheers
> > >
> > Perrin
> > VK3XPT
> > >
> > >
> > >
> > >
> > No virus found in this message.
> > Checked by AVG - www.avg.com <http://www.avg.com>
> > Version: 2013.0.3392 / Virus Database: 3222/6648 - Release
> Date: 09/08/13
> > >
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>

> Version: 2013.0.3392 / Virus Database: 3222/6651 - Release
> Date: 09/09/13
>
>
>

1368. Re: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 18:07:03 UTC
From: Charlie , W5COV
Topic: 1311 Message: 1368

I am having the same problem Dale and also it takes hours at times for some of my posts to show up. Yahoo is changing their groups format and I suspect that is where the problem is .

I do NOT like the new format at all , especially from an administrator of a groups point of view .

I am seeing similar comments on other groups , so I think it is a Yahoo problem .

Charlie

On 9/10/2013 12:47 PM, Dale Parfitt wrote:
>
> ☐
>
> For some reason, I see multiple posts showing up. This is a duplicate
> of one sent last night.
> Dale
>
> ----- Original Message -----
> *From:* Dale Parfitt <mailto:parinc1@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Monday, September 09, 2013 5:20 PM
> *Subject:* Re: [X1M_QRP-Transceiver] RE: Sidebands on SDR
>
> ☐
>
> That link brought up the original video by VK3TWO- is that what
> you intended?
> Dale W4OP
>
> ----- Original Message -----
> *From:* lphebus@... <mailto:lphebus@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Sunday, September 08, 2013 3:56 PM
> *Subject:* [X1M_QRP-Transceiver] RE: Sidebands on SDR
>
> I added a picture of the sidebands after a "by ear" alignment
> as described by VK3TWO
>
>
> http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

>
>
>
> Lee
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com
> <mailto:x1m_qrp-transceiver@yahoogroups.com>, <lphebus@...&
> gt; wrote:
>
> I just un-boxed my X1M Platinum. I ran the TX into a dummy
> load and turned on my SoftRock Ensemble II SDR. There is
> enough RF despite the dummy load to register on the SDR, which
> is about 1 foot away. As you can see in the photos section,
> the sidebands of the X1M need some adjusting, The USB bleeds
> into the LSB and the LSB is weaker than the USB (all done at
> 7.280MHz). I'm sure this will be worked out in the
> adjustments I plan to perform. Also, the bandwidth of the SSB
> signal is well shy of the standard 2.7kHz. I suspect this is
> a limitation of the mike, which I suspect is the weakest link
> in the X1M rig. Just for reference, I added a similar test
> using an ICOM 7000 running 5W output and a MST400 kit LSB 40M
> transceiver (www.ozQRP.com) I built. I alternated LSB and USB
> for the X1M and the ICOM. The MST is only LSB. I used a
> Diamond SX-200 meter set at 5W full scale to run all t hree
> transceivers at about 2W peak (by eyeball).
>
> Lee
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2013.0.3392 / Virus Database: 3222/6649 - Release
> Date: 09/09/13
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> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2013.0.3392 / Virus Database: 3222/6652 - Release Date:
> 09/10/13
>
>

1369. RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 18:51:17 UTC
From: <orders@...>
Topic: 1193 Message: 1369
Attachments: 1 described; binary payloads are missing from this source WARC

Hi all,

I got the SSM2167 MSOP package installed onto a DIP via Proto-Advantage in the mail today. Super happy I had them do it and the final product is still nice and compact! I attached a photo of the tinyness of this IC. I'm going to start playing with it over the weekend probably.

Has anyone yet hooked up the mic from the x1m to a computer? I tried briefly and it didn't work. I haven't looked past my 30 second test but I'd like to hook it up to a spectrum program on the computer -- see its results then do the same via the compression cirucit and see what it looks like before I send it into the rig, etc. So if anyone has done that already or knows the trick off the top of their head -- please let me know!

Thanks,
-Chris
KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, wrote:

I bit the bullet and ordered a ssm2167 on a breakout board from them. I decided against soiling my playing with bad soldering fruseration for the moment and instead will forgo the extra coffee one day. I'm thinking and inline version would be the most useful to start out -- plug the mic into the inline box and then have a tail from the board into the rig. There isn't any room in the rig to stick it easily and putting it directly into the mic would limit it to one circuit per mic... also not flexible. The other option is a larger block in the middle of the mic cable but that seems the wrong way.

Anyone have any thoughts on a performed form factor for it?
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, wrote:

BTW digikey part number for the SSM2167 is SSM2167-1RMZ-REELCT-ND (http://www.digikey.com/product-detail/en/SSM2167-1RMZ-REEL/SSM2167-1RMZ-REELCT-ND/1628139)

--- In x1m_qrp-transceiver@yahoogroups.com, wrote:

Oops, my mistake.? I bought mine from a different seller 190593669424? Must be old timers disease kicking in again.

Lee ??? N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Bill Maxwell
Sent: Tuesday, September 03, 2013 12:19 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to

Increase SSB Output

Didn't see the chips in that seller's store, Lee. Can you give us the item number for them, please.

Bill, VK7MX
On 3/09/2013 4:14 AM, Lee wrote:
I ordered 2 of the chips on eBay, just in case I kill one, and some chip adapter boards from the same seller. Put item number 181138215223 in the search box to see then.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, September 02, 2013 11:54 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

The more and more I look at this the more and more I want to play with little chip but it is in a tiny tiny MSOP package. And my soldering skills/hand steadiness is NO WHERE near close enough to jump right in. Anyone have a great easy way to put an MSOP chip onto a breadboard or anything like that? I've seen some 'easy' convertors for SMD chips but none for MSOP -- and I guess I haven't looked to see if they would work. Anyway -- if anyone has any great suggestions I'd appreciate it!

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:
Thank Ken! Yup I'm thinking with 5 w I'm going to want the most talk power for the punch of my voice. Although I haven't done the math to see the difference between 0.5w and 5w. if my db brain remembers it probably isn't that much ! much like the difference between 5w and 100w ;) But I suspect it is bigger if I compare 0.5 w to 100w ;) And the goal is to get it as compressed and gained right to point before degrading! And we will see where that lands me! And to top that off the neighbor in the new apartment is really sensitive to me talking at night -- she has come twice at 1am to ask me to keep it down while conversing with a friend at lower than normal voices already. So the more punch I can get out of the mic at lower levels the more I can work in the nighhhhhhht!

And thanks for the thumbs up I'm loving the trip!
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <krtdowns@...> wrote:
Great attitude, Chris! I'm not familiar with that IC, but it sounds as though it has the functions you are seeking. Reasonable compression will add substantially to your "talk power." Like most things, it can be overdone and degrade your signal. Sounds as though you are tackling the learning opportunities this little rig offers with zest and enthusiasm. Have fun and enjoy the trip!
Ken, W1KRT

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:
Man oh Man! Am I loving this little rig! Not because it is perfect and a great value out of the box but for the exact reason I bit the bullet and bought it before it was all polished: Great learning rig! Every time some limit or question is hit I have a reason to go digging and exploring around in the bits that make radios tick. I'll be happy to get my fully

functioning rig to actual work on the air but this is a little gem in my eyes for crackin' open the door to learning about radios!

Anyway, my newest exploration is around the audio and SSB and this little fellar. From what Ed has walked me through I'm beating down the path that the radio WILL transmit 5w PEP on SSB .. the mic, gain, compression, preamp, etc are the limiting factor to making this usable out of the box. I'm currently playing down the path that the gain adjustment in the rig will be sufficient if I can compress the audio so more of it is towards the 5W 'section'. During my dive into this sort of theory I can across this little gem of a chip: http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html

Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

I've got plenty more to do to see if this theory will be valid in the x1m and how it all fits together but I'm loving this rig just for giving me framework to explore and ask about this things. Before this little fella and my trying to test if the SSB output was 'good' and if I needed to send it back everything was just words and now its all tying together. Having a ball!

Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

-Chris
KC8MUS

1370. Re: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 09:43:59 UTC
From: pezcat19
Topic: 1304 Message: 1370

Hi Dale,

Thanks for the info. I will do the mod on my PRO ASAP and will report back with the results.

Cheers

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Hi Perrin,
> I have the rig back together, but the resistor is directly under LM386 on the PRO version and can be IDed by confirming that one end goes to pin 1 and the other end goes to the electrolytic which is also on the underside of the top board. W5COV reports that the resistor is on the top of the orignal version board which makes the mod even simpler. With the extra gain, I seldom use the preamp now.
>
> Dale
>

1371. Re: [X1M_QRP-Transceiver] Re: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-10 21:57:39 UTC
From: Dale Parfitt
Topic: 1304 Message: 1371

OK Perrin- please let us know.
If others agree it works with no downside, I'll proceed with the AGC mod.

Dale W4OP
----- Original Message -----
From: pezcat19
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, September 10, 2013 5:43 AM
Subject: [X1M_QRP-Transceiver] Re: Increased RX Gain

Hi Dale,

Thanks for the info. I will do the mod on my PRO ASAP and will report back with the results.

Cheers

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
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> I have the rig back together, but the resistor is directly under LM386 on the PRO version and can be IDed by confirming that one end goes to pin 1 and the other end goes to the electrolytic which is also on the underside of the top board. W5COV reports that the resistor is on the top of the orignal version board which makes the mod even simpler. With the extra gain, I seldom use the preamp now.
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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6652 - Release Date: 09/10/13

1372. Re: Still Waiting For An Answer From KightRadio.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-11 07:18:46 UTC
From: Heath - VK3TWO / VK6TWO
Topic: 1359 Message: 1372

I've had nothing to do with Kight Radio, but in their defence, the radio shortage/delay is a global thing (not just Kight Radio).
Ed from wouxun.us obviously placed a very large first order early on, hence how he currently has stock.

We have the same problem with supply of the X1M PRO here in Australia<http://sites.google.com/site/spooktechengineering/ham/qrp-hf>, where the factory had indicated shipment departure/delivery dates, but has since gone quiet.

In terms of 'issues' with the radios, most (if not all) of the known issues with the radio mentioned on this list have been passed on to the factory, so, by being patient and waiting till stock comes in to Kight Radio (or whoever else is waiting on stock to come in), you may end up with a new radio with a heap of fixes already done for you.

As they say, patience is a virtue! (I'm waiting too).

73's

Heath VK3TWO / VK6TWO

<spooktech@...> <http://www.spooktech.net>

1373. RE: Still Waiting For An Answer From KightRadio.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-11 12:15:31 UTC
From: <gedanate@...>
Topic: 1359 Message: 1373

Thank you for your information, Heath. I appreciate it, but I after four months of being patient I have come to the point where enough is enough!

If Dale (or anyone else from KightRadio had had enough courtesy to reply to my last few emails, I may have been willing to wait a little bit longer. But nobody has bothered to reply.

I began by asking for either the radio or a refund. But now I just want the refund. That way I can wipe my hands of the whole frustrating experience.

How can anyone running a business fail to communicate with its distressed customers like that? I am not the only one. At the very least they could have posted regular updates on their site every week or two.

Hearing nothing back means I'm being ignored.

73 de David, VK2DMH

--- In x1m_qrp-transceiver@yahoogroups.com, <vk3two@...> wrote:

I've had nothing to do with Kight Radio, but in their defence, the radio shortage/delay is a global thing (not just Kight Radio).
Ed from wouxun.us (http://wouxun.us) obviously placed a very large first order early on, hence how he currently has stock.

We have the same problem with supply of the X1M PRO here in Australia (http://sites.google.com/site/spooktechengineering/ham/qrp-hf), where the factory had indicated shipment departure/delivery dates, but has since gone quiet.

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As they say, patience is a virtue! (I'm waiting too).

73's

Heath VK3TWO / VK6TWO

(http://www.spooktech.net)

1374. Re: [X1M_QRP-Transceiver] Re: Still Waiting For An Answer From KightRadio.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-11 23:26:07 UTC
From: Charlie , W5COV
Topic: 1359 Message: 1374

Heath ,

Since this order of the Pro's appears to have been completely shipped , do you think that there is a chance of getting a schematic of the Pro we have ? We know that one has to exist .

Every little scrap of paper we can get from them will help us and likely end up helping them also when we pass along changes or fixes that they can incorporate in either the batch they are now running , or a future batch.

I would hope they are just trying to resolve the current issues to get to the point that they have a stable version to go forward with , and not trying to add new features at the same time in this batch .

Any chance of you or someone else getting a better point of contact and or more contacts ?

Charlie , W5COV

On 9/11/2013 2:18 AM, Heath - VK3TWO / VK6TWO wrote:
> I've had nothing to do with Kight Radio, but in their defence, the
> radio shortage/delay is a global thing (not just Kight Radio).
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> end up with a new radio with a heap of fixes already done for you.
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> As they say, patience is a virtue! (I'm waiting too).
>
> 73's
>
> Heath VK3TWO / VK6TWO
>
>

1375. O/T: KN-920 dead in water

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-11 23:34:41 UTC
From: Fred VE3FAL
Topic: 1375 Message: 1375

As a few of you know I was and have been testing a KN-920, after getting some of the menus figured out and few other things I was starting to make qso's with it this week,

I actually had about a dozen SKCC qso's completed on bands from 15-80 meters between Monday and Tuesday morning.

I was running the KN-920 with a windom and running the rig at 10 w.

My windom on the bands specified is a 1.2:1 match for the cw portion of the bands, as well I have a tuner in line at all times and a meter.

Well during my last qso (RIP KN-920) yesterday morning the power supply and radio shut down, my son said Dad I smell heat, well the bottom of the radio where the finals are heatsinked was hot as heck and the smell and heat was coming from the radio.

I reset the power supply and radio and turns out I have ZERO for power output. Looks like the final or the drivers went POOF and let their magic smoke out.

So , I have made frugal attempts to also get schematics' and confer with the seller and builder to try and resolve this matter, well my emails are answered far and few between.

I was really hoping I could have had a real decent review on this unit but so far that has not happened.

See if I have to bite the bullet on this one and maybe change out the finals and see what we can do.

Sorry for the off topic mail but I know I have conversed with a few of you on this and a few of you also belong to the chinaradio group as well.

Fred

VE3FAL

1376. RE: O/T: KN-920 dead in water

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-11 23:57:38 UTC
From: <lphebus@...>
Topic: 1375 Message: 1376

sorry Fred... sounds like an unexpected chance to polish your electronics skills ;-)

--- In x1m_qrp-transceiver@yahoogroups.com, <flesnick@...> wrote:

As a few of you know I was and have been testing a KN-920, after getting some of the menus figured out and few other things I was starting to make qso's with it this week,
I actually had about a dozen SKCC qso's completed on bands from 15-80 meters between Monday and Tuesday morning.
I was running the KN-920 with a windom and running the rig at 10 w.
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Fred
VE3FAL

1377. RE: RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-12 02:23:45 UTC
From: <cvest@...>
Topic: 1193 Message: 1377

I just hooked my mic from the X1M up to my laptop and did a short recording and playback with it . Worked fine. A little low on audio , but I didn't make any attempts to change the computer settings , just to see if the mic would work with it and it did .

Charlie , W5COV

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

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Thanks, -Chris KC8MUS<var id="yui-ie-cursor"></var>

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--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

 BTW digikey part number for the SSM2167 is SSM2167-1RMZ-REELCT-ND

--- In x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> wrote:

 Oops, my mistake.? I bought mine from a different seller 190593669424? Must be old timers disease kicking in again. Lee ??? N9LO
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Behalf Of Bill Maxwell
Sent: Tuesday, September 03, 2013 12:19
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To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re:
[X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB
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style="color:black;font-size:11pt;"> <div style="border-top-color:rgb(181,
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1378. RE: RE: RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-12 02:35:59 UTC
From: <lphebus@...>
Topic: 1193 Message: 1378

After seeing your message on this thread I tried the same thing... same results, the computer could record the mike input. I am a little surprised since the electret mike requires voltage from the mike jack to work.

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I just hooked my mic from the X1M up to my laptop and did a short recording and playback with it . Worked fine. A little low on audio , but I didn't make any attempts to change the computer settings , just to see if the mic would work with it and it did .

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223);border-top-width:1pt;border-top-style:solid;"> <span
style='font-family:"Tahoma", "sans-serif";font-size:10pt;'>From:<span
style='font-family:"Tahoma", "sans-serif";font-size:10pt;'>
X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On
Behalf Of Bill Maxwell
Sent: Tuesday, September 03, 2013 12:19
AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re:
[X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB
Output <span
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the item number for them, please.

Bill, VK7MX On 3/09/2013 4:14
AM, Lee wrote: <blockquote> I
ordered 2 of the chips on eBay, just in case I kill one, and some chip adapter boards from
the same seller. Put item number <span style="color:rgb(51, 51,
51);font-size:10pt;">181138215223 in the search box to see then. <span
style="color:black;font-size:11pt;"> <div style="border-top-color:rgb(181,
196, 223);border-top-width:1pt;border-top-style:solid;"> <span
style="font-size:10pt;">From: <a
rel="nofollow">X1M_QRP-Transceiver@yahoogroups.com [<a
rel="nofollow">mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of <a
rel="nofollow">orders@...
Sent: Monday, September 02, 2013 11:54
AM
To: <a
rel="nofollow">X1M_QRP-Transceiver@yahoogroups.com
Subject:
[X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB
Output The more and more I look at
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package. And my soldering skills/hand steadiness is NO WHERE near close enough to jump
right in. Anyone have a great easy way to put an MSOP chip onto a breadboard or anything
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1379. RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-12 05:57:27 UTC
From: <orders@...>
Topic: 1193 Message: 1379

Thanks for that Charlie,et al,

Tried it again and it didn't work...of course when I found out one of the solder connections in the 1/8" jack had come off from before... that very well would explain why it isn't work! Guess that will be next on the list: better reinforced mic jack.

Check!

-Chris
KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

After seeing your message on this thread I tried the same thing... same results, the computer could record the mike input. I am a little surprised since the electret mike requires voltage from the mike jack to work.

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I just hooked my mic from the X1M up to my laptop and did a short recording and playback with it . Worked fine. A little low on audio , but I didn't make any attempts to change the computer settings , just to see if the mic would work with it and it did .

Charlie , W5COV

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 Hi all, I got the SSM2167 MSOP package installed onto a DIP via Proto-Advantage in the mail today. Super happy I had them do it and the final product is still nice and compact! I attached a photo of the tinyness of this IC. I'm going to start playing with it over the weekend probably. Has anyone yet hooked up the mic from the x1m to a computer? I tried briefly and it didn't work. I haven't looked past my 30 second test but I'd like to hook it up to a spectrum program on the computer -- see its results then do the same via the compression cirucit and see what it looks like before I send it into the rig, etc. So if anyone has done that already or knows the trick off the top of their head -- please let me know!
Thanks, -Chris KC8MUS<var id="yui-ie-cursor"></var>

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 I bit the bullet and ordered a ssm2167 on a breakout board from them. I decided against soiling my playing with bad soldering fruseration for the moment and instead will forgo the extra coffee one day. I'm thinking and inline version would be the most useful to start out -- plug the mic into the inline box and then have a tail from the board into the rig. There isn't any room in the rig to stick it easily and putting it directly into the mic would limit it to one circuit per mic... also not flexible. The other option is a larger block in the middle of the mic cable but that seems the wrong way. Anyone have any thoughts on a performed form factor for it? -Chris

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 BTW digikey part number for the SSM2167 is SSM2167-1RMZ-REELCT-ND

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Sent: Tuesday, September 03, 2013 12:19 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output Didn't see the chips in that seller's store, Lee. Can you give us the item number for them, please.

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1380. Re: Audio Compression 'Accessory Circuit' Idea to Increase S

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-12 13:44:32 UTC
From: sbjohnston@...
Topic: 1380 Message: 1380

I've built several homebrew versions of the TenTec accessory compressor-limiter. They seem to be quite effective at improving the punch of SSB and AM signals, and should be useful on the X1M transceivers. The design is the same as used in their high-end analog transceivers.

I've posted some info on my website...

http://www.wd8das.net/TenTecCompLimSchem.jpg
http://www.wd8das.net/TenTecCompLimPhoto.jpg

Steve WD8DAS

sbjohnston@...
http://www.wd8das.net/

Radio is your best entertainment value.

1381. Re: Audio Compression 'Accessory Circuit' Idea to Increase S

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-12 15:07:34 UTC
From: Paul W. Ross
Topic: 1380 Message: 1381

Mic problem -- a squirt of RTV silicon rubber does wonders.

73 /paul W3FIS

1382. Re: Still Waiting For An Answer From KightRadio.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-12 20:18:40 UTC
From: John Golub
Topic: 1359 Message: 1382

Hello David,

I'm in the same boat as you, in regards to a wait. The last response from Dale was on August 20, saying the radios should've been in within a week or so. This was three weeks ago. The other day I sent an e-mail asking either for a definitive timeframe for the arrival of a radio, or a refund. I'm still waiting for a response.

Waiting for a product is not a problem. The question is, how long is too long to wait? Or, how many times can a schedule be pushed back? I don't want to be on here in December, still complaining about not getting a radio. Mid April was when I initially ordered, and mid May was when I received a DOA unit. Heck, a part of me wished I would've just kept and fixed that one. But no, it was on warranty.

Sadly, this whole experience has left me a bit frustrated and disappointed. The only blame I can put onto Dale is a lack of timely communication on the matter. The rest has to go toward the manufacturer. So I'm hoping to either see a radio soon, or get closure to this experience.

For the moment though, it's just wait and see.

John Golub
KC8JZO

1383. RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-12 22:19:49 UTC
From: <lphebus@...>
Topic: 1193 Message: 1383

Here is an interesting little electret microphone of a size and weight that matches the rig nicely. I see it as a starting point for including additional functionality (like compression) or just an idea for an easy-to-build form factor.

http://www.qrpkits.com/microphone.html

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Thanks for that Charlie,et al,

Tried it again and it didn't work...of course when I found out one of the solder connections in the 1/8" jack had come off from before... that very well would explain why it isn't work! Guess that will be next on the list: better reinforced mic jack.

Check!

-Chris
KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

After seeing your message on this thread I tried the same thing... same results, the computer could record the mike input. I am a little surprised since the electret mike requires voltage from the mike jack to work.

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1384. X1M Stock arrived in Australia today

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-13 08:31:11 UTC
From: Heath - VK3TWO / VK6TWO
Topic: 1384 Message: 1384

Hello all,

A shipment arrived in Australia today, direct from the factory.

It appears that the new 'factory default' alignment settings are slightly different (Improved), though they still haven't quite got the firmware right yet. It appears that they've use the same firmware files a few of us have used from the files section to load the firmware. So what does this mean? well it means they have a serial number of XGFFFFFFFF, and no.7 in the alignment menu is 'a bit dicky'.

Firmware:
V1.00b USA
Jul 20 2013
16:18:40
SN:XGFFFFFFFF

New default values are as follows:

1. IF Offset: 08999850
2. LSB BFO: 08998850 (probably should be 8750)
3. USB BFO: 09000950
4. CW BFO: 08999850 (probably needs adjusting)
5. CW TONE: 0800
6. CW TDLY: 0300
7. KEY SPD: 020 (has an issue displaying this)
8. TXP TIM: 0000
9. BRITNES: 100
10. CNTRST: 100
11. FBND TX: 0
12.DDS CLK: 03276800
13. DDS MLT:1
14. RST ALL: 0

Yet again, I've fed back information to the factory re these issues.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
VK3TWO Website <http://sites.google.com/site/actionman5/>

DSTAR <http://www.dstar.org.au/what_is_dstar.htm> - Co-ordinator (WA)
Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
WA Repeater Group <http://www.warg.org.au> – Committee
WA VHF Group <http://www.wavhfgroup.org.au/> – Committee
Wireless Institute Civil Emergency

Network<http://www.wia.org.au/members/emcom/wicen/>– President &
Technical Officer (WA)
Wireless Institute of Australia <http://www.wia.org.au> – State Advisory
Committee <http://www.wia.org.au/members/advisories/about/> (WA)
Wireless Institute of Australia - State Emergency
Comms<http://www.wia.org.au/members/emcom/about/>co-ordinator (WA)
<spooktech@...> <http://www.spooktech.net>

1385. X1M Pro Schematic

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-13 16:38:56 UTC
From: <ed@...>
Topic: 1385 Message: 1385

I've just added the schematic for the X1M Pro to the Files section.

Ed
ImportCommunications.com

1386. Re: [X1M_QRP-Transceiver] X1M Pro Schematic

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-13 16:43:57 UTC
From: Charlie , W5COV
Topic: 1385 Message: 1386

THANKS Ed !!!

Charlie , W5COV

On 9/13/2013 11:38 AM, ed@... wrote:
>
> I've just added the schematic for the X1M Pro to the Files section.
>
> Ed
> ImportCommunications.com
>
>

1387. RE: Re: Still no X1M in Germany!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-13 18:26:05 UTC
From: <andreas.fuehrmann@...>
Topic: 921 Message: 1387

Today my X1M Pro arrived.
Nice little rig. Will have to play a little with it this weekend.

73 Andy DC3AFA

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I am still waiting. Shouid have arrived at the end of August...

73 Andy DC3AFA

>
> Hi Andy.
>
> I hope you get your radio soon. I know what it is like to be waiting while others already have their new toys!
>
> I am still waiting for mine to reach me here in Australia. I ordered it from Kightradio.com months ago.
>
> 73,
>
> David Harvey, VK2DMH
> SKCC #10617, FP #3184, NAQCC #6734
>
> Mobile: 0405 939 431
> Home: +61 (0)2 9875 1203
> email: gedanate@...
> web: www.davidharveysydney.com
> blog: http://low-fat-food-is-a-lie.blogspot.com.au/
> other: http://walkietalkietwowayradios.com/
>

1388. RE: Re: Still no X1M in Germany!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-13 19:38:31 UTC
From: Stephen Farthing
Topic: 921 Message: 1388

Hi Andy and the group,

Mine is with a friend who is bringing it over for me. I should get it in the first week of october....
Possibly this will be the first one in England....but i do not know for sure....

73s Steve G0XAR

1389. Re: [X1M_QRP-Transceiver] RE: Re: Still no X1M in Germany!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-13 20:44:09 UTC
From: Charlie , W5COV
Topic: 921 Message: 1389

Steve as far as I know it will be the first one there . Haven't seen
anyone else at least on the group here , from over there.

Looking forward to you getting yours in hand .

Charlie , W5COV

On 9/13/2013 2:38 PM, Stephen Farthing wrote:
>
> Hi Andy and the group,
>
>
> Mine is with a friend who is bringing it over for me. I should get it
> in the first week of october....
> Possibly this will be the first one in England....but i do not know
> for sure....
>
> 73s Steve G0XAR
>

1390. Re: [X1M_QRP-Transceiver] RE: Re: Still no X1M in Germany!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-13 20:45:12 UTC
From: Charlie , W5COV
Topic: 921 Message: 1390

GREAT NEWS Andy !!

Look forward to working you X1M to X1M .

Charlie , W5COV

On 9/13/2013 1:26 PM, andreas.fuehrmann@... wrote:
>
> Today my X1M Pro arrived.
>
> Nice little rig. Will have to play a little with it this weekend.
>
>
> 73 Andy DC3AFA
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com,
> <x1m_qrp-transceiver@yahoogroups.com> wrote:
>
> I am still waiting. Shouid have arrived at the end of August...
>
> 73 Andy DC3AFA
>
> >
> > Hi Andy.
> >
> > I hope you get your radio soon. I know what it is like to be
> waiting while others already have their new toys!
> >
> > I am still waiting for mine to reach me here in Australia. I
> ordered it from Kightradio.com months ago.
> >
> > 73,
> >
> > David Harvey, VK2DMH
> > SKCC #10617, FP #3184, NAQCC #6734
> >
> > Mobile: 0405 939 431
> > Home: +61 (0)2 9875 1203
> > email: gedanate@...
> > web: www.davidharveysydney.com
> > blog: http://low-fat-food-is-a-lie.blogspot.com.au/
> > other: http://walkietalkietwowayradios.com/
> >
>

>

1391. X1M microphone diagram.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-15 13:27:45 UTC
From: fpohlmann2
Topic: 1391 Message: 1391

I've just uploaded the X1M microphone pinout diagram to the knobs and mic photos folder.

73 VE2ZFP

1392. RE: [X1M_QRP-Transceiver] X1M microphone diagram.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-15 14:28:02 UTC
From: Lee
Topic: 1391 Message: 1392

My Microphone has the resistor as 222 or 2200 ohms and a capacitor across the electret microphone element. Could you upload a higher resolution diagram. It is a little hard for my old eyes to read. Does you microphone use a 4k7 or 4700 ohm resistor? I have the X1M Pro model.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of fpohlmann2
Sent: Sunday, September 15, 2013 8:28 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M microphone diagram.

I've just uploaded the X1M microphone pinout diagram to the knobs and mic photos folder.

73 VE2ZFP

1393. RE: External amp keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-15 15:04:33 UTC
From: <sweet_jessa0810@...>
Topic: 958 Message: 1393

I have an HL-45B and it needs to be keyed by your rig, it isn't an RF-sense type amp. I actually joined the group to see if the X1M interface on the back had a PTT on the back that could be used for this. I suppose if push came to shove I could rig up a double-pole-single-throw switch as PTT in the mic, but there is no info on the X1M DB9 connector other than "this isn't normal serial" Is there any way to key the amp from the X1M without hacking up the mic/cable? I'd like to get one of these for an EMCOMM go-box with my HL-45, and it'd be nice.
73's
Rick K8DXB

--- In x1m_qrp-transceiver@yahoogroups.com, <deadgoose@...> wrote:

I don't see why not. As I understand it, the "booster" amplifiers detect RF input and turn on, otherwise bypass the amplifier during receive. No actual experience, however.

Tokyo High Power makes one for the Yaesu FT-817ND. They say that it can be run "manually" for other low powered rigs.

http://www.tokyohypower.com/hl-45b.html

Around $500 or so. Frankly, for that sort of money, I would go for an Alicno DX-SR8. You can always use another radio...

Currently, my shack has the X1M, Yaesu FT-817ND, Alinco DX-SR-8, and for VHF/UHF, an Alinco DR-605. The three HF rigs are connected through a 4-way coax switch, SWR meter, and LDG Z-100Plus tuner to the antenna system. That 4th socket needs something attached to it....

73 /paul W3FIS

1394. RE: Re: [X1M_QRP-Transceiver] Re: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-15 16:45:02 UTC
From: <kd4hjt@...>
Topic: 1304 Message: 1394

I've done this mod to my Pro on the underside and it performs well.

Ray...KD4HJT

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

OK Perrin- please let us know.

If others agree it works with no downside, I'll proceed with the AGC mod.

Dale W4OP

----- Original Message -----

From: pezcat19

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Tuesday, September 10, 2013 5:43 AM

Subject: [X1M_QRP-Transceiver] Re: Increased RX Gain

Hi Dale,

Thanks for the info. I will do the mod on my PRO ASAP and will report back with the results.

Cheers

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Hi Perrin,
> I have the rig back together, but the resistor is directly under LM386 on the PRO version and can be IDed by confirming that one end goes to pin 1 and the other end goes to the electrolytic which is also on the underside of the top board. W5COV reports that the resistor is on the top of the orignal version board which makes the mod even simpler. With the extra gain, I seldom use the preamp now.
>
> Dale
>

No virus found in this message.
Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2013.0.3392 / Virus Database: 3222/6652 - Release Date: 09/10/13

1395. RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-15 17:58:12 UTC
From: <andreas.fuehrmann@...>
Topic: 1304 Message: 1395

Any negative experiences up to now?
So only shorting resistor R80C will get my rig much louder?

Andy DC3AFA

--- In x1m_qrp-transceiver@yahoogroups.com, <kd4hjt@...> wrote:

I've done this mod to my Pro on the underside and it performs well.

Ray...KD4HJT

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

OK Perrin- please let us know.

If others agree it works with no downside, I'll proceed with the AGC mod.

Dale W4OP

----- Original Message -----

From: pezcat19

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Tuesday, September 10, 2013 5:43 AM

Subject: [X1M_QRP-Transceiver] Re: Increased RX Gain

Hi Dale,

Thanks for the info. I will do the mod on my PRO ASAP and will report back with the results.

Cheers

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Hi Perrin,
> I have the rig back together, but the resistor is directly under LM386 on the PRO version and can be IDed by confirming that one end goes to pin 1 and the other end goes to the electrolytic which is also on the underside of the top board. W5COV reports that the resistor is on the top of the orignal version board which makes the mod even simpler. With the extra gain, I seldom use the preamp now.
>
> Dale
>

No virus found in this message.
Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2013.0.3392 / Virus Database: 3222/6652 - Release Date: 09/10/13

1396. Re: [X1M_QRP-Transceiver] RE: External amp keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-15 18:12:21 UTC
From: Dale Parfitt
Topic: 958 Message: 1396

Without looking at the schematic, I don't know the answer. But if there is not, you can build a COR for under $5.

Dale W4OP
----- Original Message -----
From: sweet_jessa0810@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, September 15, 2013 11:04 AM
Subject: [X1M_QRP-Transceiver] RE: External amp keying

I have an HL-45B and it needs to be keyed by your rig, it isn't an RF-sense type amp. I actually joined the group to see if the X1M interface on the back had a PTT on the back that could be used for this. I suppose if push came to shove I could rig up a double-pole-single-throw switch as PTT in the mic, but there is no info on the X1M DB9 connector other than "this isn't normal serial" Is there any way to key the amp from the X1M without hacking up the mic/cable? I'd like to get one of these for an EMCOMM go-box with my HL-45, and it'd be nice.

73's

Rick K8DXB

--- In x1m_qrp-transceiver@yahoogroups.com, <deadgoose@...> wrote:

I don't see why not. As I understand it, the "booster" amplifiers detect RF input and turn on, otherwise bypass the amplifier during receive. No actual experience, however.

Tokyo High Power makes one for the Yaesu FT-817ND. They say that it can be run "manually" for other low powered rigs.

http://www.tokyohypower.com/hl-45b.html

Around $500 or so. Frankly, for that sort of money, I would go for an Alicno DX-SR8. You can always use another radio...

Currently, my shack has the X1M, Yaesu FT-817ND, Alinco DX-SR-8, and for VHF/UHF, an Alinco DR-605. The three HF rigs are connected through a 4-way coax switch, SWR meter, and LDG Z-100Plus tuner to the antenna system. That 4th socket needs something attached to it....

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6667 - Release Date: 09/15/13

1397. RE: RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-15 18:21:47 UTC
From: <kd4hjt@...>
Topic: 1304 Message: 1397

None here Andy. The way it is set up gives the chip a gain of 50. Shorting across the resistor gives it a gain of 200.
Check out the data on sheet 5 here. http://www.ti.com/lit/ds/symlink/lm386.pdf There is no reason for it to cause problems.

Ray...KD4HJT

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Any negative experiences up to now?
So only shorting resistor R80C will get my rig much louder?

Andy DC3AFA

--- In x1m_qrp-transceiver@yahoogroups.com, <kd4hjt@...> wrote:

I've done this mod to my Pro on the underside and it performs well.

Ray...KD4HJT

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

OK Perrin- please let us know.

If others agree it works with no downside, I'll proceed with the AGC mod.

Dale W4OP

----- Original Message -----

From: pezcat19

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Tuesday, September 10, 2013 5:43 AM

Subject: [X1M_QRP-Transceiver] Re: Increased RX Gain

Hi Dale,

Thanks for the info. I will do the mod on my PRO ASAP and will report back with the results.

Cheers

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Hi Perrin,

> I have the rig back together, but the resistor is directly under LM386 on the PRO version and can be IDed by confirming that one end goes to pin 1 and the other end goes to the electrolytic which is also on the underside of the top board. W5COV reports that the resistor is on the top of the orignal version board which makes the mod even simpler. With the extra gain, I seldom use the preamp now.
>
> Dale
>

No virus found in this message.
Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2013.0.3392 / Virus Database: 3222/6652 - Release Date: 09/10/13

1398. Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-15 18:30:42 UTC
From: Dale Parfitt
Topic: 1304 Message: 1398

The only mail I have received since posting the mod has been positive.

Dale W4OP
----- Original Message -----
From: andreas.fuehrmann@macnews.de
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, September 15, 2013 1:58 PM
Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain

Any negative experiences up to now?

So only shorting resistor R80C will get my rig much louder?

Andy DC3AFA

--- In x1m_qrp-transceiver@yahoogroups.com, <kd4hjt@...> wrote:

I've done this mod to my Pro on the underside and it performs well.

Ray...KD4HJT

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

OK Perrin- please let us know.
If others agree it works with no downside, I'll proceed with the AGC mod.

Dale W4OP
----- Original Message -----
From: pezcat19
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, September 10, 2013 5:43 AM
Subject: [X1M_QRP-Transceiver] Re: Increased RX Gain

Hi Dale,

Thanks for the info. I will do the mod on my PRO ASAP and will report back with the results.

Cheers

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Hi Perrin,
> I have the rig back together, but the resistor is directly under LM386 on the PRO version and can be IDed by confirming that one end goes to pin 1 and the other end goes to the electrolytic which is also on the underside of the top board. W5COV reports that the resistor is on the top of the orignal version board which makes the mod even simpler. With

the extra gain, I seldom use the preamp now.
>
> Dale
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6652 - Release Date: 09/10/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6667 - Release Date: 09/15/13

1399. Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-15 18:33:31 UTC
From: Charlie , W5COV
Topic: 1304 Message: 1399

No problems here with either X1M version . Makes one heck of a
difference on speaker volume . I can just barely crack the control above
turning the radio on and have a pleasant listening level .

Charlie , W5COV

On 9/15/2013 1:30 PM, Dale Parfitt wrote:
>
> □
>
> The only mail I have received since posting the mod has been positive.
> Dale W4OP
>
> ----- Original Message -----
> *From:* andreas.fuehrmann@...
> <mailto:andreas.fuehrmann@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Sunday, September 15, 2013 1:58 PM
> *Subject:* [X1M_QRP-Transceiver] RE: Increased RX Gain
>
> Any negative experiences up to now?
>
> So only shorting resistor R80C will get my rig much louder?
>
>
> Andy DC3AFA
>
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com
> <mailto:x1m_qrp-transceiver@yahoogroups.com>, <kd4hjt@...> wrote:
>
> I've done this mod to my Pro on the underside and it performs well.
>
> Ray...KD4HJT
>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>,
> <x1m_qrp-transceiver@yahoogroups.com
> <mailto:x1m_qrp-transceiver@yahoogroups.com>> wrote:
>

> OK Perrin- please let us know.
> If others agree it works with no downside, I'll proceed with
> the AGC mod.
> Dale W4OP
> ----- Original Message -----
>
> *From:* pezcat19 <mailto:pezcat19@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Tuesday, September 10, 2013 5:43 AM
> *Subject:* [X1M_QRP-Transceiver] Re: Increased RX Gain
>
>
> Hi Dale,
>
> Thanks for the info. I will do the mod on my PRO ASAP and
> will report back with the results.
>
> Cheers
>
> Perrin VK3XPT
>
> --- In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>, "Dale
> Parfitt" <parinc1@...> wrote:
> >
> > Hi Perrin,
> > I have the rig back together, but the resistor is
> directly under LM386 on the PRO version and can be IDed by
> confirming that one end goes to pin 1 and the other end
> goes to the electrolytic which is also on the underside of
> the top board. W5COV reports that the resistor is on the
> top of the orignal version board which makes the mod even
> simpler. With the extra gain, I seldom use the preamp now.
> >
> > Dale
> >
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2013.0.3392 / Virus Database: 3222/6652 - Release
> Date: 09/10/13
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2013.0.3408 / Virus Database: 3222/6667 - Release Date:
> 09/15/13
>
>

1400. Re: [X1M_QRP-Transceiver] X1M microphone diagram.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-15 18:39:58 UTC
From: Charlie , W5COV
Topic: 1391 Message: 1400

Lee I am not quite sure if this is the question that you are asking , but maybe a little note that will help someone else that hasn't seen the values expressed like this . A 4700 ohm resistor and a 4K7 resistor are the same value , just a different method of notation not normally used in the USA . It means it is a 4.7 K resistor . Actually a pretty decent system for listing values overall .

Charlie , W5COV

On 9/15/2013 9:28 AM, Lee wrote:
>
> My Microphone has the resistor as 222 or 2200 ohms and a capacitor
> across the electret microphone element. Could you upload a higher
> resolution diagram. It is a little hard for my old eyes to read.
> Does you microphone use a 4k7 or 4700 ohm resistor? I have the X1M
> Pro model.
>
> Lee -- N9LO
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *fpohlmann2
> *Sent:* Sunday, September 15, 2013 8:28 AM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] X1M microphone diagram.
>
> I've just uploaded the X1M microphone pinout diagram to the knobs and
> mic photos folder.
>
> 73 VE2ZFP
>
>

1401. Re: [X1M_QRP-Transceiver] RE: External amp keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-15 19:11:12 UTC
From: Charlie , W5COV
Topic: 958 Message: 1401

No there are no "dry contacts" available that I am aware of for switching an amplifier . There certainly are no connectors on it for that purpose .
The DB-9 plug is used to update the firmware and to interface with a computer for control with HRD or similar program . The "this isn't normal serial" reference refers to that it is TTL so it requires a TTL level converter . Ed has them listed on his site . They are very small using a SMD in the cable plug , and work quite well .
www.importcommunications.com

Charlie , W5COV

On 9/15/2013 10:04 AM, sweet_jessa0810@... wrote:
>
> I have an HL-45B and it needs to be keyed by your rig, it isn't an
> RF-sense type amp. I actually joined the group to see if the X1M
> interface on the back had a PTT on the back that could be used for
> this. I suppose if push came to shove I could rig up a
> double-pole-single-throw switch as PTT in the mic, but there is no
> info on the X1M DB9 connector other than "this isn't normal serial"
> Is there any way to key the amp from the X1M without hacking up the
> mic/cable? I'd like to get one of these for an EMCOMM go-box with my
> HL-45, and it'd be nice.
>
> 73's
>
> Rick K8DXB
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <deadgoose@...> wrote:
>
> I don't see why not. As I understand it, the "booster" amplifiers
> detect RF input and turn on, otherwise bypass the amplifier during
> receive. No actual experience, however.
>
> Tokyo High Power makes one for the Yaesu FT-817ND. They say that it
> can be run "manually" for other low powered rigs.
>
> http://www.tokyohypower.com/hl-45b.html
>
> Around $500 or so. Frankly, for that sort of money, I would go for an
> Alicno DX-SR8. You can always use another radio...
>
> Currently, my shack has the X1M, Yaesu FT-817ND, Alinco DX-SR-8, and

> for VHF/UHF, an Alinco DR-605. The three HF rigs are connected through
> a 4-way coax switch, SWR meter, and LDG Z-100Plus tuner to the antenna
> system. That 4th socket needs something attached to it....
>
> 73 /paul W3FIS
>

1402. RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-15 19:47:26 UTC
From: <andreas.fuehrmann@...>
Topic: 1304 Message: 1402

Thanks guys, will give it a try.

Andy DC3AFA

1403. RE: [X1M_QRP-Transceiver] X1M microphone diagram.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-15 19:53:17 UTC
From: Lee
Topic: 1391 Message: 1403

What I was saying was that no matter what terminology is used that mine was a 2200 ohm and his was a 4700 ohm. Different resistors in our microphones.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: Sunday, September 15, 2013 1:40 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: Lee
Subject: Re: [X1M_QRP-Transceiver] X1M microphone diagram.

Lee I am not quite sure if this is the question that you are asking , but maybe a little note that will help someone else that hasn't seen the values expressed like this . A 4700 ohm resistor and a 4K7 resistor are the same value , just a different method of notation not normally used in the USA . It means it is a 4.7 K resistor . Actually a pretty decent system for listing values overall .

Charlie , W5COV

On 9/15/2013 9:28 AM, Lee wrote:

My Microphone has the resistor as 222 or 2200 ohms and a capacitor across the electret microphone element. Could you upload a higher resolution diagram. It is a little hard for my old eyes to read. Does you microphone use a 4k7 or 4700 ohm resistor? I have the X1M Pro model.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of fpohlmann2
Sent: Sunday, September 15, 2013 8:28 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M microphone diagram.

I've just uploaded the X1M microphone pinout diagram to the knobs and mic photos folder.

73 VE2ZFP

1404. RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 05:53:53 UTC
From: <andreas.fuehrmann@...>
Topic: 1304 Message: 1404

Opened my X1M to adjust sidetone and mic input level but my board looks different. It shows a Vers. 3.01b release number and I couldn´t find the resistor.

Andy DC3AFA

1405. Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 09:37:21 UTC
From: Ray Motte
Topic: 1304 Message: 1405
Attachments: 2 described; binary payloads are missing from this source WARC

Same version as mine. Resistor is on the bottom and I jumped it from pin 1 to the + side of the capacitor as shown.

Ray....KD4HJT

On Sun, 9/15/13, andreas.fuehrmann@... <andreas.fuehrmann@...> wrote:

Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Sunday, September 15, 2013, 10:53 PM

Opened my X1M to adjust sidetone and mic input
level but my board looks different. It shows a Vers. 3.01b
release number and I couldn´t find the resistor.
Andy
DC3AFA

1406. RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 11:47:27 UTC
From: <andreas.fuehrmann@...>
Topic: 1304 Message: 1406

Maybe it is not asking too much to give me a link to pic you are referring.
http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/photos/albums/271471877/lightbox/519498557
is looking different.

Andy, DC3AFA

--- In x1m_qrp-transceiver@yahoogroups.com, <kd4hjt@...> wrote:

Same version as mine. Resistor is on the bottom and I jumped it from pin 1 to the + side of the capacitor as shown.

Ray....KD4HJT

1407. Re: [X1M_QRP-Transceiver] RE: External amp keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 12:36:06 UTC
From: Dale Parfitt
Topic: 958 Message: 1407

Are there spare pins on The DB9 that could be "borrowed" to use for PTT Charlie?

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, September 15, 2013 3:11 PM
Subject: Re: [X1M_QRP-Transceiver] RE: External amp keying

No there are no "dry contacts" available that I am aware of for switching an amplifier . There certainly are no connectors on it for that purpose .
The DB-9 plug is used to update the firmware and to interface with a computer for control with HRD or similar program . The "this isn't normal serial" reference refers to that it is TTL so it requires a TTL level converter . Ed has them listed on his site . They are very small using a SMD in the cable plug , and work quite well . www.importcommunications.com

Charlie , W5COV

On 9/15/2013 10:04 AM, sweet_jessa0810@... wrote:

I have an HL-45B and it needs to be keyed by your rig, it isn't an RF-sense type amp. I actually joined the group to see if the X1M interface on the back had a PTT on the back that could be used for this. I suppose if push came to shove I could rig up a double-pole-single-throw switch as PTT in the mic, but there is no info on the X1M DB9 connector other than "this isn't normal serial" Is there any way to key the amp from the X1M without hacking up the mic/cable? I'd like to get one of these for an EMCOMM go-box with my HL-45, and it'd be nice.

73's

Rick K8DXB

--- In x1m_qrp-transceiver@yahoogroups.com, <deadgoose@...> wrote:

I don't see why not. As I understand it, the "booster" amplifiers detect RF input and turn on, otherwise bypass the amplifier during receive. No actual experience, however.

Tokyo High Power makes one for the Yaesu FT-817ND. They say that it can be run "manually" for other low powered rigs.

http://www.tokyohypower.com/hl-45b.html

Around $500 or so. Frankly, for that sort of money, I would go for an Alicno DX-SR8. You can always use another radio...

Currently, my shack has the X1M, Yaesu FT-817ND, Alinco DX-SR-8, and for VHF/UHF, an Alinco DR-605. The three HF rigs are connected through a 4-way coax switch, SWR meter, and LDG Z-100Plus tuner to the antenna system. That 4th socket needs something attached to it....

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6669 - Release Date: 09/15/13

1408. Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 12:37:53 UTC
From: Dale Parfitt
Topic: 1304 Message: 1408

On the PRO, it is underneath the LM386. Use a VOM to make sure you have the right resistor-1K. I soldered a tiny short across it w/o separating the boards.

Dale W4OP
----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 16, 2013 1:53 AM
Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain

Opened my X1M to adjust sidetone and mic input level but my board looks different. It shows a Vers. 3.01b release number and I couldn´t find the resistor.

Andy DC3AFA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6669 - Release Date: 09/15/13

1409. Re: [X1M_QRP-Transceiver] RE: External amp keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 19:35:37 UTC
From: Charlie , W5COV
Topic: 958 Message: 1409

Dale , my darned Yahoo is so screwed up right now from their making format changes , I didn't get this message until today . Yes only 3 pins are used on the DB-9.

Charlie , W5COV

On 9/16/2013 7:36 AM, Dale Parfitt wrote:
>
> □
>
> Are there spare pins on The DB9 that could be "borrowed" to use for
> PTT Charlie?
> Dale W4OP
>
> ----- Original Message -----
> *From:* Charlie , W5COV <mailto:cvest@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Sunday, September 15, 2013 3:11 PM
> *Subject:* Re: [X1M_QRP-Transceiver] RE: External amp keying
>
> No there are no "dry contacts" available that I am aware of for
> switching an amplifier . There certainly are no connectors on it
> for that purpose .
> The DB-9 plug is used to update the firmware and to interface with
> a computer for control with HRD or similar program . The "this
> isn't normal serial" reference refers to that it is TTL so it
> requires a TTL level converter . Ed has them listed on his site .
> They are very small using a SMD in the cable plug , and work quite
> well . www.importcommunications.com
>
> Charlie , W5COV
>
> On 9/15/2013 10:04 AM, sweet_jessa0810@... wrote:
>>
>> I have an HL-45B and it needs to be keyed by your rig, it isn't
>> an RF-sense type amp. I actually joined the group to see if the
>> X1M interface on the back had a PTT on the back that could be
>> used for this. I suppose if push came to shove I could rig up a
>> double-pole-single-throw switch as PTT in the mic, but there is
>> no info on the X1M DB9 connector other than "this isn't normal
>> serial" Is there any way to key the amp from the X1M without
>> hacking up the mic/cable? I'd like to get one of these for an
>> EMCOMM go-box with my HL-45, and it'd be nice.
>>

>> 73's
>>
>> Rick K8DXB
>>
>>
>>
>> --- In x1m_qrp-transceiver@yahoogroups.com, <deadgoose@...> wrote:
>>
>> I don't see why not. As I understand it, the "booster" amplifiers
>> detect RF input and turn on, otherwise bypass the amplifier
>> during receive. No actual experience, however.
>>
>> Tokyo High Power makes one for the Yaesu FT-817ND. They say that
>> it can be run "manually" for other low powered rigs.
>>
>> http://www.tokyohypower.com/hl-45b.html
>>
>> Around $500 or so. Frankly, for that sort of money, I would go
>> for an Alicno DX-SR8. You can always use another radio...
>>
>> Currently, my shack has the X1M, Yaesu FT-817ND, Alinco DX-SR-8,
>> and for VHF/UHF, an Alinco DR-605. The three HF rigs are
>> connected through a 4-way coax switch, SWR meter, and LDG
>> Z-100Plus tuner to the antenna system. That 4th socket needs
>> something attached to it....
>>
>> 73 /paul W3FIS
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2013.0.3408 / Virus Database: 3222/6669 - Release Date:
> 09/15/13
>
>

1410. Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 19:40:37 UTC
From: Charlie , W5COV
Topic: 1304 Message: 1410

I have a Vers. 3.01b here in front of me Andy. Looking on the crystal side of the board , they are the two pots together near the volume control . Outside pot sidetone , inside pot mic gain .
YAHOO IS VERY SLOW on certain messages !!
Charlie , W5COV

On 9/16/2013 12:53 AM, andreas.fuehrmann@... wrote:
>
> Opened my X1M to adjust sidetone and mic input level but my board
> looks different. It shows a Vers. 3.01b release number and I couldn´t
> find the resistor.
>
>
> Andy DC3AFA
>
>

1411. Re: [X1M_QRP-Transceiver] RE: External amp keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 19:48:03 UTC
From: Dale Parfitt
Topic: 958 Message: 1411

That is what I thought- so a simple transistor switch off the PTT line and the guys are set that want to use an amp.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@...m
Sent: Monday, September 16, 2013 3:35 PM
Subject: Re: [X1M_QRP-Transceiver] RE: External amp keying

Dale , my darned Yahoo is so screwed up right now from their making format changes , I didn't get this message until today . Yes only 3 pins are used on the DB-9.

Charlie , W5COV

On 9/16/2013 7:36 AM, Dale Parfitt wrote:

☐

Are there spare pins on The DB9 that could be "borrowed" to use for PTT Charlie?

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, September 15, 2013 3:11 PM
Subject: Re: [X1M_QRP-Transceiver] RE: External amp keying

No there are no "dry contacts" available that I am aware of for switching an amplifier . There certainly are no connectors on it for that purpose .
The DB-9 plug is used to update the firmware and to interface with a computer for control with HRD or similar program . The "this isn't normal serial" reference refers to that it is TTL so it requires a TTL level converter . Ed has them listed on his site . They are very small using a SMD in the cable plug , and work quite well . www.importcommunications.com

Charlie , W5COV

On 9/15/2013 10:04 AM, sweet_jessa0810@... wrote:

I have an HL-45B and it needs to be keyed by your rig, it isn't an RF-sense type amp. I actually joined the group to see if the X1M interface on the back had a PTT on the back that could be used for this. I suppose if push came to shove I could rig up a double-pole-single-throw switch as PTT in the mic, but there is no info on the X1M DB9 connector other than "this isn't normal serial" Is there any way to key the amp from the X1M without hacking up the mic/cable? I'd like to get one of these for an EMCOMM go-box with my HL-45, and it'd be nice.

73's

Rick K8DXB

--- In x1m_qrp-transceiver@yahoogroups.com, <deadgoose@...> wrote:

I don't see why not. As I understand it, the "booster" amplifiers detect RF input and turn on, otherwise bypass the amplifier during receive. No actual experience, however.

Tokyo High Power makes one for the Yaesu FT-817ND. They say that it can be run "manually" for other low powered rigs.

http://www.tokyohypower.com/hl-45b.html

Around $500 or so. Frankly, for that sort of money, I would go for an Alicno DX-SR8. You can always use another radio...

Currently, my shack has the X1M, Yaesu FT-817ND, Alinco DX-SR-8, and for VHF/UHF, an Alinco DR-605. The three HF rigs are connected through a 4-way coax switch, SWR meter, and LDG Z-100Plus tuner to the antenna system. That 4th socket needs something attached to it....

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6669 - Release Date: 09/15/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6670 - Release Date: 09/16/13

1412. Re: [X1M_QRP-Transceiver] RE: Increased RX Gain [2 Attachments]

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 19:50:44 UTC
From: Charlie , W5COV
Topic: 1412 Message: 1412

Ooops forgot to mention the resistor . You may need new glasses Andy.
<grin> It is so tiny , but follow pin 1 off of the LM-386 on the TCXO
side of the board and you should see it .
Ray must be young , with fresh eyes :)

Charlie , W5COV

On 9/16/2013 4:37 AM, Ray Motte wrote:
>
> Same version as mine. Resistor is on the bottom and I jumped it from
> pin 1 to the + side of the capacitor as shown.
>
> Ray....KD4HJT
>
> ----------
> On Sun, 9/15/13, andreas.fuehrmann@...
> <andreas.fuehrmann@...> wrote:
>
> Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Sunday, September 15, 2013, 10:53 PM
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>
> Opened my X1M to adjust sidetone and mic input
> level but my board looks different. It shows a Vers. 3.01b
> release number and I couldn´t find the resistor.
> Andy
> DC3AFA
>
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1413. Re: [X1M_QRP-Transceiver] RE: External amp keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 20:05:57 UTC
From: Charlie , W5COV
Topic: 958 Message: 1413

Yep that is what I figured they would do. Just a single general purpose transistor and they could be in business .

I have been "reserving" my spare pins in case I want to add or switch a different accessory. You know me it will likely be something at MF or LF :)

Charlie , W5COV

On 9/16/2013 2:48 PM, Dale Parfitt wrote:
>
> □
>
> That is what I thought- so a simple transistor switch off the PTT line
> and the guys are set that want to use an amp.
> Dale W4OP
>
> ----- Original Message -----
> *From:* Charlie , W5COV <mailto:cvest@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Monday, September 16, 2013 3:35 PM
> *Subject:* Re: [X1M_QRP-Transceiver] RE: External amp keying
>
> Dale , my darned Yahoo is so screwed up right now from their
> making format changes , I didn't get this message until today .
> Yes only 3 pins are used on the DB-9.
>
> Charlie , W5COV
>
> On 9/16/2013 7:36 AM, Dale Parfitt wrote:
>>
>> □
>>
>> Are there spare pins on The DB9 that could be "borrowed" to use
>> for PTT Charlie?
>> Dale W4OP
>>
>> ----- Original Message -----
>> *From:* Charlie , W5COV <mailto:cvest@...>
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>> *Sent:* Sunday, September 15, 2013 3:11 PM
>> *Subject:* Re: [X1M_QRP-Transceiver] RE: External amp keying
>>
>> No there are no "dry contacts" available that I am aware of

>> for switching an amplifier . There certainly are no
>> connectors on it for that purpose .
>> The DB-9 plug is used to update the firmware and to interface
>> with a computer for control with HRD or similar program . The
>> "this isn't normal serial" reference refers to that it is TTL
>> so it requires a TTL level converter . Ed has them listed on
>> his site . They are very small using a SMD in the cable plug
>> , and work quite well . www.importcommunications.com
>>
>> Charlie , W5COV
>>
>> On 9/15/2013 10:04 AM, sweet_jessa0810@... wrote:
>>>
>>> I have an HL-45B and it needs to be keyed by your rig, it
>>> isn't an RF-sense type amp. I actually joined the group to
>>> see if the X1M interface on the back had a PTT on the back
>>> that could be used for this. I suppose if push came to shove
>>> I could rig up a double-pole-single-throw switch as PTT in
>>> the mic, but there is no info on the X1M DB9 connector other
>>> than "this isn't normal serial" Is there any way to key the
>>> amp from the X1M without hacking up the mic/cable? I'd like
>>> to get one of these for an EMCOMM go-box with my HL-45, and
>>> it'd be nice.
>>>
>>> 73's
>>>
>>> Rick K8DXB
>>>
>>>
>>>
>>> --- In x1m_qrp-transceiver@yahoogroups.com, <deadgoose@...>
>>> wrote:
>>>
>>> I don't see why not. As I understand it, the "booster"
>>> amplifiers detect RF input and turn on, otherwise bypass the
>>> amplifier during receive. No actual experience, however.
>>>
>>> Tokyo High Power makes one for the Yaesu FT-817ND. They say
>>> that it can be run "manually" for other low powered rigs.
>>>
>>> http://www.tokyohypower.com/hl-45b.html
>>>
>>> Around $500 or so. Frankly, for that sort of money, I would
>>> go for an Alicno DX-SR8. You can always use another radio...
>>>
>>> Currently, my shack has the X1M, Yaesu FT-817ND, Alinco
>>> DX-SR-8, and for VHF/UHF, an Alinco DR-605. The three HF
>>> rigs are connected through a 4-way coax switch, SWR meter,
>>> and LDG Z-100Plus tuner to the antenna system. That 4th

>>> socket needs something attached to it....
>>>
>>> 73 /paul W3FIS
>>
>> No virus found in this message.
>> Checked by AVG - www.avg.com <http://www.avg.com>
>> Version: 2013.0.3408 / Virus Database: 3222/6669 - Release
>> Date: 09/15/13
>>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2013.0.3408 / Virus Database: 3222/6670 - Release Date:
> 09/16/13
>
>

1414. Re: [X1M_QRP-Transceiver] X1M microphone diagram.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 20:17:49 UTC
From: Charlie , W5COV
Topic: 1391 Message: 1414

Sorry I misunderstood your comment Lee. I have noticed that there is not one single "standard" microphone shipped with the X1M . From watching and reading the list here , I know of at least two different ones , that even use different colors for connection on the mic plug .

Possibly and likely two completely different mics being commented on . I don't know how many different mics are out there for the X1M , so maybe people should also include in their notes how their particular mic plug is wired when they are first setting the radio up .

The wires are a known stress point and Paul has a very good suggestion of filling the plug with RTV .

Sorry for the misunderstanding .

Charlie , W5COV

On 9/15/2013 2:53 PM, Lee wrote:
>
> What I was saying was that no matter what terminology is used that
> mine was a 2200 ohm and his was a 4700 ohm. Different resistors in our
> microphones.
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Charlie ,
> W5COV
> *Sent:* Sunday, September 15, 2013 1:40 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Cc:* Lee
> *Subject:* Re: [X1M_QRP-Transceiver] X1M microphone diagram.
>
> Lee I am not quite sure if this is the question that you are asking ,
> but maybe a little note that will help someone else that hasn't seen
> the values expressed like this . A 4700 ohm resistor and a 4K7
> resistor are the same value , just a different method of notation not
> normally used in the USA . It means it is a 4.7 K resistor . Actually
> a pretty decent system for listing values overall .
>
> Charlie , W5COV
>
> On 9/15/2013 9:28 AM, Lee wrote:
>
> My Microphone has the resistor as 222 or 2200 ohms and a capacitor
> across the electret microphone element. Could you upload a higher
> resolution diagram. It is a little hard for my old eyes to
> read. Does you microphone use a 4k7 or 4700 ohm resistor? I have

> the X1M Pro model.
>
> Lee -- N9LO
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *fpohlmann2
> *Sent:* Sunday, September 15, 2013 8:28 AM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Subject:* [X1M_QRP-Transceiver] X1M microphone diagram.
>
> I've just uploaded the X1M microphone pinout diagram to the knobs
> and mic photos folder.
>
> 73 VE2ZFP
>
>

1415. RE: [X1M_QRP-Transceiver] X1M microphone diagram.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 20:29:23 UTC
From: Lee
Topic: 1391 Message: 1415

Is it the new yahoo format or is this weird. I have the group individual emails sent to my home email address. This one from Charlie came twice. The second one had one blank line at the top. It only happens once in a while and not just with Charlie. It was only posted once online. Does anyone else have this happening?

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: Monday, September 16, 2013 3:18 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: Lee
Subject: Re: [X1M_QRP-Transceiver] X1M microphone diagram.

Sorry I misunderstood your comment Lee. I have noticed that there is not one single "standard" microphone shipped with the X1M . From watching and reading the list here , I know of at least two different ones , that even use different colors for connection on the mic plug .

Possibly and likely two completely different mics being commented on . I don't know how many different mics are out there for the X1M , so maybe people should also include in their notes how their particular mic plug is wired when they are first setting the radio up .

The wires are a known stress point and Paul has a very good suggestion of filling the plug with RTV .

Sorry for the misunderstanding .

Charlie , W5COV

On 9/15/2013 2:53 PM, Lee wrote:

What I was saying was that no matter what terminology is used that mine was a 2200 ohm and his was a 4700 ohm. Different resistors in our microphones.

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: Sunday, September 15, 2013 1:40 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: Lee
Subject: Re: [X1M_QRP-Transceiver] X1M microphone diagram.

Lee I am not quite sure if this is the question that you are asking , but maybe a little note that will help someone else that hasn't seen the values expressed like this . A 4700 ohm resistor and a 4K7 resistor are the same value , just a different method of notation not normally used in the USA .

It means it is a 4.7 K resistor . Actually a pretty decent system for listing values overall .

Charlie , W5COV

On 9/15/2013 9:28 AM, Lee wrote:

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Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of fpohlmann2
Sent: Sunday, September 15, 2013 8:28 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M microphone diagram.

I've just uploaded the X1M microphone pinout diagram to the knobs and mic photos folder.

73 VE2ZFP

1416. Re: [X1M_QRP-Transceiver] X1M microphone diagram.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 20:36:35 UTC
From: Dale Parfitt
Topic: 1391 Message: 1416

I also see duplicate and occasionally triplicate posts.

Dale W4OP

----- Original Message -----
From: Lee
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 16, 2013 4:29 PM
Subject: RE: [X1M_QRP-Transceiver] X1M microphone diagram.

Is it the new yahoo format or is this weird. I have the group individual emails sent to my home email address. This one from Charlie came twice. The second one had one blank line at the top. It only happens once in a while and not just with Charlie. It was only posted once online. Does anyone else have this happening?

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogrou ps.com] On Behalf Of Charlie , W5COV
Sent: Monday, September 16, 2013 3:18 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: Lee
Subject: Re: [X1M_QRP-Transceiver] X1M microphone diagram.

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The wires are a know n stress point and Paul has a very good suggestion of filling the plug with RTV .

Sorry for the misunderstanding .

Charlie , W5COV

On 9/15/2013 2:53 PM, Lee wrote:

What I was saying was that no matter what terminology is used that mine was a 2200 ohm and his was a 4700 ohm. Different resistors in our microphones.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] O n Behalf Of Charlie , W5COV

Sent: Sunday, September 15, 2013 1:40 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: Lee
Subject: Re: [X1M_QRP-Transceiver] X1M microphone diagram.

Lee I am not quite sure if this is the question that you are asking , but maybe a little note that will help someone else that hasn't seen the values expressed like this . A 4700 ohm resistor and a 4K7 resistor are the same value , just a different method of notation not normally used in the USA . It means it is a 4.7 K resistor . Actually a pretty decent system for listing values overall .

Charlie , W5COV

On 9/15/2013 9:28 AM, Lee wrote:

< o>

My Microphone has the resistor as 222 or 2200 ohms and a capacitor across the electret microphone element. Could you upload a higher resolution diagram. It is a little hard for my old eyes to read. Does you microphone use a 4k7 or 4700 ohm resistor? I have the X1M Pro model.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of fpohlmann2
Sent: Sunday, September 15, 2013 8:28 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M microphone diagram.

I've just uploaded the X1M microphone pinout diagram to the knobs and mic photos folder.

73 VE2ZFP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6670 - Release Date: 09/16/13

1417. RE: Re: [X1M_QRP-Transceiver] RE: Increased RX Gain [2 Attachments]

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 20:37:24 UTC
From: <andreas.fuehrmann@...>
Topic: 1412 Message: 1417

Thanks. Now I´ve got it :)

Andy DC3AFA

--- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

Ooops forgot to mention the resistor . You may need new glasses Andy. <grin> It is so tiny , but follow pin 1 off of the LM-386 on the TCXO side of the board and you should see it . Ray must be young , with fresh eyes :)

Charlie , W5COV

On 9/16/2013 4:37 AM, Ray Motte wrote:

Same version as mine. Resistor is on the bottom and I jumped it from pin 1 to the + side of the capacitor as shown.

Ray....KD4HJT

On Sun, 9/15/13, andreas.fuehrmann@... <andreas.fuehrmann@...> wrote:

Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Sunday, September 15, 2013, 10:53 PM

Opened my X1M to adjust sidetone and mic input
level but my board looks different. It shows a Vers. 3.01b
release number and I couldn´t find the resistor.
Andy
DC3AFA

1418. RE: [X1M_QRP-Transceiver] X1M microphone diagram.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 20:38:47 UTC
From: Lee
Topic: 1391 Message: 1418

Thanks, now I know it is not just me.

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Monday, September 16, 2013 3:37 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] X1M microphone diagram.

I also see duplicate and occasionally triplicate posts.

Dale W4OP

----- Original Message -----

From: Lee <mailto:mr.olson@...>

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, September 16, 2013 4:29 PM

Subject: RE: [X1M_QRP-Transceiver] X1M microphone diagram.

Is it the new yahoo format or is this weird. I have the group individual emails sent to my home email address. This one from Charlie came twice. The second one had one blank line at the top. It only happens once in a while and not just with Charlie. It was only posted once online. Does anyone else have this happening?

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogrou ps.com
<mailto:X1M_QRP-Transceiver@yahoogrou%20ps.com>] On Behalf Of Charlie , W5COV
Sent: Monday, September 16, 2013 3:18 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: Lee
Subject: Re: [X1M_QRP-Transceiver] X1M microphone diagram.

Sorry I misunderstood your comment Lee. I have noticed that there is not one single "standard" microphone shipped with the X1M . From watching and reading the list here , I know of at least two different ones , that even use different colors for connection on the mic plug .

Possibly and likely two completely different mics being commented on . I don't know how many different mics are out there for the X1M , so maybe people should also include in their notes how their particular mic plug is wired when they are first setting the radio up .

The wires are a know n stress point and Paul has a very good suggestion of filling the plug with RTV .

Sorry for the misunderstanding .

Charlie , W5COV

On 9/15/2013 2:53 PM, Lee wrote:

What I was saying was that no matter what terminology is used that mine was a 2200 ohm and his was a 4700 ohm. Different resistors in our microphones.

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] O n Behalf Of Charlie , W5COV
Sent: Sunday, September 15, 2013 1:40 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: Lee
Subject: Re: [X1M_QRP-Transceiver] X1M microphone diagram.

Lee I am not quite sure if this is the question that you are asking , but maybe a little note that will help someone else that hasn't seen the values expressed like this . A 4700 ohm resistor and a 4K7 resistor are the same value , just a different method of notation not normally used in the USA . It means it is a 4.7 K resistor . Actually a pretty decent system for listing values overall .

Charlie , W5COV

On 9/15/2013 9:28 AM, Lee wrote:

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My Microphone has the resistor as 222 or 2200 ohms and a capacitor across the electret microphone element. Could you upload a higher resolution diagram. It is a little hard for my old eyes to read. Does you microphone use a 4k7 or 4700 ohm resistor? I have the X1M Pro model.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com
<mailto:X1M_QRP-Transceiver@yaho%20ogroups.com>] On Behalf Of fpohlmann2
Sent: Sunday, September 15, 2013 8:28 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M microphone diagram.

I've just uploaded the X1M microphone pinout diagram to the knobs and mic photos folder.

73 VE2ZFP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6670 - Release Date: 09/16/13

1419. RE: External amp keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 21:40:49 UTC
From: <orders@...>
Topic: 958 Message: 1419

Looking at the schematics for both the original and the PRO version of the x1m it looks like there aren't many spare pins on the db9 - in fact only 1. Well let me rephrase that -- completely empty pins. The other 5 go to relays that switch the LPF. There is only 1 pin that is unassigned. The other 5 would have to be 'disconnected' before using. I don't think the 5 relay pins will help with the PTT question exactly but if they do...run with it!

Also there doesn't appear to be a PTT line in the serial command set it is responding to so I don't think using that wll work either.

-Chris
KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

Yep that is what I figured they would do. Just a single general purpose transistor and they could be in business .

I have been "reserving" my spare pins in case I want to add or switch a different accessory. You know me it will likely be something at MF or LF :)

Charlie , W5COV

On 9/16/2013 2:48 PM, Dale Parfitt wrote:

☐

That is what I thought- so a simple transistor switch off the PTT line and the guys are set that want to use an amp.

Dale W4OP

----- Original Message -----

From: Charlie , W5COV

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, September 16, 2013 3:35 PM

Subject: Re: [X1M_QRP-Transceiver] RE: External amp keying

Dale , my darned Yahoo is so screwed up right now from their making format changes , I didn't get this message until today . Yes only 3 pins are used on the DB-9.

Charlie , W5COV

On 9/16/2013 7:36 AM, Dale Parfitt wrote:

☐

Are there spare pins on The DB9 that could be "borrowed" to use for PTT Charlie?

Dale W4OP

----- Original Message -----

From: Charlie , W5COV

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Sunday, September 15, 2013 3:11 PM

Subject: Re: [X1M_QRP-Transceiver] RE: External amp keying

No there are no "dry contacts" available that I am aware of for switching an amplifier . There certainly are no connectors on it for that purpose .
The DB-9 plug is used to update the firmware and to interface with a computer for control with HRD or similar program . The "this isn't normal serial" reference refers to that it is TTL so it requires a TTL level converter . Ed has them listed on his site . They are very small using a SMD in the cable plug , and work quite well . www.importcommunications.com (http://www.importcommunications.com)

Charlie , W5COV

On 9/15/2013 10:04 AM, sweet_jessa0810@... wrote:

I have an HL-45B and it needs to be keyed by your rig, it isn't an RF-sense type amp. I actually joined the group to see if the X1M interface on the back had a PTT on the back that could be used for this. I suppose if push came to shove I could rig up a double-pole-single-throw switch as PTT in the mic, but there is no info on the X1M DB9 connector other than "this isn't normal serial" Is there any way to key the amp from the X1M without hacking up the mic/cable? I'd like to get one of these for an EMCOMM go-box with my HL-45, and it'd be nice.

73's

Rick K8DXB

--- In x1m_qrp-transceiver@yahoogroups.com, <deadgoose@...> wrote:

I don't see why not. As I understand it, the "booster" amplifiers detect RF input and turn on, otherwise bypass the amplifier during receive. No actual experience, however.

Tokyo High Power makes one for the Yaesu FT-817ND. They say that it can be run "manually" for other low powered rigs.

http://www.tokyohypower.com/hl-45b.html

Around $500 or so. Frankly, for that sort of money, I would go for an Alicno DX-SR8. You can always use another radio...

Currently, my shack has the X1M, Yaesu FT-817ND, Alinco DX-SR-8, and for VHF/UHF, an Alinco DR-605. The three HF rigs are connected through a 4-way coax switch, SWR meter, and LDG Z-100Plus tuner to the antenna system. That 4th socket needs something attached to it....

73 /paul W3FIS

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Version: 2013.0.3408 / Virus Database: 3222/6669 - Release Date: 09/15/13

No virus found in this message.
Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2013.0.3408 / Virus Database: 3222/6670 - Release Date: 09/16/13

1420. Re: [X1M_QRP-Transceiver] RE: External amp keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 22:01:28 UTC
From: Dale Parfitt
Topic: 958 Message: 1420

We just need one pin. So that works.

Dale
----- Original Message -----
From: orders@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 16, 2013 5:40 PM
Subject: [X1M_QRP-Transceiver] RE: External amp keying

Looking at the schematics for both the original and the PRO version of the x1m it looks like there aren't many spare pins on the db9 - in fact only 1. Well let me rephrase that -- completely empty pins. The other 5 go to relays that switch the LPF. There is only 1 pin that is unassigned. The other 5 would have to be 'disconnected' before using. I don't think the 5 relay pins will help with the PTT question exactly but if they do...run with it!

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-Chris

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Yep that is what I figured they would do. Just a single general purpose transistor and they could be in business .

I have been "reserving" my spare pins in case I want to add or switch a different accessory. You know me it will likely be something at MF or LF :)

Charlie , W5COV

On 9/16/2013 2:48 PM, Dale Parfitt wrote:

☐

That is what I thought- so a simple transistor switch off the PTT line and the guys are set that want to use an amp.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 16, 2013 3:35 PM
Subject: Re: [X1M_QRP-Transceiver] RE: External amp keying

Dale , my darned Yahoo is so screwed up right now from their making format changes , I didn't get this message until today . Yes only 3 pins are used on the DB-9.

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To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, September 15, 2013 3:11 PM
Subject: Re: [X1M_QRP-Transceiver] RE: External amp keying

No there are no "dry contacts" available that I am aware of for switching an amplifier . There certainly are no connectors on it for that purpose .
The DB-9 plug is used to update the firmware and to interface with a computer for control with HRD or similar program . The "this isn't normal serial" reference refers to that it is TTL so it requires a TTL level converter . Ed has them listed on his site . They are very small using a SMD in the cable plug , and work quite well . www.importcommunications.com

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http://www.tokyohypower.com/hl-45b.html

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Currently, my shack has the X1M, Yaesu FT-817ND, Alinco DX-SR-8, and for VHF/UHF, an Alinco DR-605. The three HF rigs are connected through a 4-way coax switch, SWR meter, and LDG Z-100Plus tuner to the antenna system. That 4th socket needs something attached to it....

73 /paul W3FIS

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Version: 2013.0.3408 / Virus Database: 3222/6669 - Release Date: 09/15/13

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Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6670 - Release Date: 09/16/13

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Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6670 - Release Date: 09/16/13

1421. RE: [X1M_QRP-Transceiver] RE: External amp keying

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 22:09:55 UTC
From: Fred VE3FAL
Topic: 958 Message: 1421

Think I am back now..

TEST

Fred

VE3FAL

1422. OT: KN-920 final blown

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 22:11:40 UTC
From: Fred VE3FAL
Topic: 1422 Message: 1422

So word from the factory is that it looks like the finals blew in my KN-920 of which I had already pretty much figured out. Problem is I do not want to open it up and snoop around in fear of no return or refund, and shipping it back is not affordable at all.

So I did get an email saying the KNQ10 board is same as final board section in the KN-920..

Can anyone verify for me just what transistors are used in this unit?

The KNQ10 is a 5 watt rig is it not, so if this KN-920 is 10w and adjustable to 20 w what transistors are indeed in it.

Fred

VE3FAL

1423. Re: X1M microphone diagram.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 22:18:17 UTC
From: Paul W. Ross
Topic: 1391 Message: 1423

FWIIW, I have found it good practice to fill ANY connector with RTV silicon rubber. Picked up the trick when I used to work for RCA Sarnoff Labs when we were working with 20 KV TV stuff.

If you have to take something apart, an Exacto knife works fine.

DON;'T pot things up until you are sure the connector is properly wired!

I also use the "hot glue gun" to secure torids. That stuff is polyethylene plastic, so is a good insulator. That stuff is quite a bit more difficult to get apart after the fact, but again, an Exacto knife works pretty well.

73 /paul W3FIS

1424. Re: OT: KN-920 final blown

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-16 22:26:03 UTC
From: kf9cm
Topic: 1422 Message: 1424

I'll look Fred, I might have some IRF 520s.

Gary,KF9CM

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
>
>
> So word from the factory is that it looks like the finals blew in my KN-920
> of which I had already pretty much figured out. Problem is I do not want to
> open it up and snoop around in fear of no return or refund, and shipping it
> back is not affordable at all.
>
>
>
> So I did get an email saying the KNQ10 board is same as final board section
> in the KN-920..
>
> Can anyone verify for me just what transistors are used in this unit?
>
>
>
> The KNQ10 is a 5 watt rig is it not, so if this KN-920 is 10w and adjustable
> to 20 w what transistors are indeed in it.
>
>
>
> Fred
>
> VE3FAL
>

1425. RE: [X1M_QRP-Transceiver] Re: OT: KN-920 final blown

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-17 00:03:47 UTC
From: Fred VE3FAL
Topic: 1422 Message: 1425

Yep thanks Gary, just opened radio up and the trace around the one 530 is burnt up..

Fred
VE3FAL

-----Original Message-----
From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kf9cm
Sent: September 16, 2013 6:26 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: OT: KN-920 final blown

I'll look Fred, I might have some IRF 520s.

Gary,KF9CM

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...>
wrote:
>
>
>
> So word from the factory is that it looks like the finals blew in my
> KN-920 of which I had already pretty much figured out. Problem is I do
> not want to open it up and snoop around in fear of no return or
> refund, and shipping it back is not affordable at all.
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> So I did get an email saying the KNQ10 board is same as final board
> section in the KN-920..
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> Can anyone verify for me just what transistors are used in this unit?
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>
> The KNQ10 is a 5 watt rig is it not, so if this KN-920 is 10w and
> adjustable to 20 w what transistors are indeed in it.
>
>
>
> Fred
>
> VE3FAL
>

Yahoo! Groups Links

1426. Re: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-17 07:52:19 UTC
From: pezcat19
Topic: 1304 Message: 1426

Hi all,

Sorry for the late reply on this topic - I have been tied up with work...

I have performed the modification and I highly recommend it. The rig is much nicer to use now, and weak signals can actually be heard with enough volume.

Thanks Ray, KD4HJT for emailing the pictures. I have uploaded these to the modifications folder as I could not find them anywhere else in the files section.

I also tweaked the mic gain while I was there, setting it just a little less than full has worked great for me. I am getting lots of positive audio reports, and I notice the power meter peaking higher than it was before. RX and TX improvements done in minutes. Great stuff! :)

Cheers,

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> OK Perrin- please let us know.
> If others agree it works with no downside, I'll proceed with the AGC mod.
>
> Dale W4OP

1427. RE: Re: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-17 12:00:59 UTC
From: <andreas.fuehrmann@...>
Topic: 1304 Message: 1427

Thanks for feedback, Perrin. Will try the modification today after getting home from work. Regarding mic gain I changed it to over 90 degrees clockwise and got more output too on my old CB power meter. After that I had a qso with an Ukranian station wo told me that my modulation was nice :)

Andy DC3AFA

1428. RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-17 15:13:49 UTC
From: <kk6wls@...>
Topic: 1304 Message: 1428

Hi All,

Been lurking here for a couple of weeks. I own the Pro addition. I have adjusted the mike as has been suggested. Still not much power going out from the rig. Guess, according to some others, I may have to tweek it more than 90 degrees clockwise. As far as this RX mod is concerned, could someone possibly put up a video of it being done or, one that has already been done, pointing out the highlites of doing it? That would clear up a few questions for a noob in the electronics world. Anyway, thanks to all for you work!

Bill

KK6WLS

--- In x1m_qrp-transceiver@yahoogroups.com, <andreas.fuehrmann@...> wrote:

Thanks for feedback, Perrin. Will try the modification today after getting home from work.

Regarding mic gain I changed it to over 90 degrees clockwise and got more output too on my old CB power meter. After that I had a qso with an Ukranian station wo told me that my modulation was nice :)

Andy DC3AFA

1429. RE: RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-17 15:54:13 UTC
From: <lphebus@...>
Topic: 1304 Message: 1429

On mine, if you turn the mike gain pot too far, the gain drops. There is a sweet spot that ca be found by providing a steady input to the mike (some people just say "ahhhhhhhhhhhhh") and turning the pot while looking at a meter.

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Hi All,

Been lurking here for a couple of weeks. I own the Pro addition. I have adjusted the mike as has been suggested. Still not much power going out from the rig. Guess, according to some others, I may have to tweek it more than 90 degrees clockwise. As far as this RX mod is concerned, could someone possibly put up a video of it being done or, one that has already been done, pointing out the highlites of doing it? That would clear up a few questions for a noob in the electronics world. Anyway, thanks to all for you work!

Bill

KK6WLS

--- In x1m_qrp-transceiver@yahoogroups.com, <andreas.fuehrmann@...> wrote:

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Andy DC3AFA

1430. RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-17 16:27:54 UTC
From: <andreas.fuehrmann@...>
Topic: 1304 Message: 1430

Exactly as onionman51 told before. Tested it with another rig in receive mode

Andy DC3AFA

--- In x1m_qrp-transceiver@yahoogroups.com, <andreas.fuehrmann@...> wrote:

Thanks for feedback, Perrin. Will try the modification today after getting home from work.

Regarding mic gain I changed it to over 90 degrees clockwise and got more output too on my old CB power meter. After that I had a qso with an Ukranian station wo told me that my modulation was nice :)

Andy DC3AFA

1431. Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-17 17:19:59 UTC
From: Charlie , W5COV
Topic: 1304 Message: 1431

The power you see on a regular power meter will be average power and not peak power , so you can't always go by the power meter , especially on SSB .You can still use CW "M" to measure your power , it just won't have any microphone deflection .

The mic control needs to be rotated or rocked to find the correct spot . It is not going to always be the same 45 degrees or 90 degrees for each individual radio .

I don't know anything about putting up a video , but the mod for the audio is quite simple and I "think" we can talk you through it since the mod and the area are easy to do and find .You do need to have some good soldering skills and use plenty of magnification and light if you have vision problems like I do .

Feel free to e-mail me off list if you need more detailed help making the mod and I will try to help you .

Charlie , W5COV

On 9/17/2013 10:13 AM, kk6wls@... wrote:
>
> Hi All,
>
> Been lurking here for a couple of weeks. I own the Pro addition. I
> have adjusted the mike as has been suggested. Still not much power
> going out from the rig. Guess, according to some others,I may have to
> tweek it more than 90 degrees clockwise. As far as this RX mod is
> concerned, could someone possibly put up a video of it being done or,
> one that has already been done, pointing out the highlites of doing
> it? That would clear up a few questions for a noob in the electronics
> world. Anyway, thanks to all for you work!
>
> Bill
>
> KK6WLS
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <andreas.fuehrmann@...> wrote:
>
> Thanks for feedback, Perrin. Will try the modification today after
> getting home from work.
>
> Regarding mic gain I changed it to over 90 degrees clockwise and got
> more output too on my old CB power meter. After that I had a qso with

> an Ukranian station wo told me that my modulation was nice :)
>
>
> Andy DC3AFA
>
>

1432. Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-17 18:25:35 UTC
From: Dale Parfitt
Topic: 1304 Message: 1432

Hi Bill,
The additonal gain mod is nothing more than shorting out resistor R80C underneath LM386 IC. A video won't really do anything. Just locate the resistor and put a jumper either across it or from pin 1 of the LM386 to the (+) side of C155C.
Look at the schematic- couldn't be easier. The net gain is +12dB.
As far as SSB power out- do you have a peak reading wattmeter? With an Average reading meter, you are not likely to see much power.
Dale W4OP
----- Original Message -----
From: kk6wls@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, September 17, 2013 11:13 AM
Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain

Hi All,

Been lurking here for a couple of weeks. I own the Pro addition. I have adjusted the mike as has been suggested. Still not much power going out from the rig. Guess, according to some others, I may have to tweek it more than 90 degrees clockwise. As far as this RX mod is concerned, could someone possibly put up a video of it being done or, one that has already been done, pointing out the highlites of doing it? That would clear up a few questions for a noob in the electronics world. Anyway, thanks to all for you work!

Bill

KK6WLS

--- In x1m_qrp-transceiver@yahoogroups.com, <andreas.fuehrmann@...> wrote:

Thanks for feedback, Perrin. Will try the modification today after getting home from work.

Regarding mic gain I changed it to over 90 degrees clockwise and got more output too on my old CB power meter. After that I had a qso with an Ukranian station wo told me that my modulation was nice :)

Andy DC3AFA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6673 - Release Date: 09/17/13

1433. X1MPRO V1.00b

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-17 19:20:50 UTC
From: ip_56
Topic: 1433 Message: 1433

Hello,

I received my new X1MPRO on the last Saturday of WIMO (Germany).

Ver: X1MPRO V1.00b USA
Date: Jul 20 2013
Time: 16:18:40
SN: XGFFFFFFFF

The device is a typical Phone TRX.
The RIG plays very well on SSB. Have tested this in the WAE contest.

For me as a cw op following is unsatisfactory.
- the built-in CW keyer is scrap - the dashes are too short.
- in CW mode SPLIT-operation does not work.

I hope for an improved firmware upgrade.

vy 73 Ingo, DL3HQN

1434. RE: [X1M_QRP-Transceiver] X1MPRO V1.00b

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-17 19:59:39 UTC
From: Fred VE3FAL
Topic: 1433 Message: 1434

We are all awaiting the same very patiently Ingo..

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ip_56
Sent: September 17, 2013 3:21 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1MPRO V1.00b

Hello,

I received my new X1MPRO on the last Saturday of WIMO (Germany).

Ver: X1MPRO V1.00b USA
Date: Jul 20 2013
Time: 16:18:40
SN: XGFFFFFFFF

The device is a typical Phone TRX.
The RIG plays very well on SSB. Have tested this in the WAE contest.

For me as a cw op following is unsatisfactory.
- the built-in CW keyer is scrap - the dashes are too short.
- in CW mode SPLIT-operation does not work.

I hope for an improved firmware upgrade.

vy 73 Ingo, DL3HQN

1435. RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-17 20:19:23 UTC
From: <andreas.fuehrmann@...>
Topic: 1304 Message: 1435

Can recommend the mod to every user of this little gem. Makes the rig much more usable.

Andy DC3AFA

1436. Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-17 20:31:02 UTC
From: Dale Parfitt
Topic: 1304 Message: 1436

I have been very busy here, but now that we have sufficient system gain, I have laid out an AGC circuit that should be easy to implement. Once finalized, I'll make up 30 or so SMD boards- about half the size of a postage stamp. Only 4 connections- +12, GND, AF in and AGC control voltage to the MC1350.
So let's hope the ckt performs as expected.

Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, September 17, 2013 4:19 PM
Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain

Can recommend the mod to every user of this little gem. Makes the rig much more usable.

Andy DC3AFA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6673 - Release Date: 09/17/13

1437. Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-17 21:11:55 UTC
From: Charlie , W5COV
Topic: 1304 Message: 1437

THANK YOU Dale for providing your expertise on this little radio . It is VERY MUCH appreciated by myself and I am quite certain by all of the other users .

If you want to check out some of Dale's great work on antennas and enjoy some beautiful restorations of classic equipment , you really should check out his web page at :

http://www.parelectronics.com/index.php

Charlie , W5COV

On 9/17/2013 3:31 PM, Dale Parfitt wrote:
>
> □
>
> I have been very busy here, but now that we have sufficient system
> gain, I have laid out an AGC circuit that should be easy to implement.
> Once finalized, I'll make up 30 or so SMD boards- about half the size
> of a postage stamp. Only 4 connections- +12, GND, AF in and AGC
> control voltage to the MC1350.
> So let's hope the ckt performs as expected.
> Dale W4OP
>
> ----- Original Message -----
> *From:* andreas.fuehrmann@...
> <mailto:andreas.fuehrmann@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Tuesday, September 17, 2013 4:19 PM
> *Subject:* [X1M_QRP-Transceiver] RE: Increased RX Gain
>
> Can recommend the mod to every user of this little gem. Makes the
> rig much more usable.
>
>
> Andy DC3AFA
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2013.0.3408 / Virus Database: 3222/6673 - Release Date:
> 09/17/13
>
>

1438. Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 00:17:10 UTC
From: M_AND_R_SHAREF
Topic: 1304 Message: 1438

I all ways use Forrrrrrrrrrrrrr, to adjust mic gain. Just a long "or"
sound, for me, I find that works best. 73

On Tue, Sep 17, 2013 at 5:11 PM, Charlie , W5COV <cvest@...> wrote:

> **
>
>
> THANK YOU Dale for providing your expertise on this little radio . It is
> VERY MUCH appreciated by myself and I am quite certain by all of the other
> users .
>
> If you want to check out some of Dale's great work on antennas and enjoy
> some beautiful restorations of classic equipment , you really should check
> out his web page at :
>
> http://www.parelectronics.com/index.php
>
> Charlie , W5COV
>
>
>
> On 9/17/2013 3:31 PM, Dale Parfitt wrote:
>
>
>
>
>
> I have been very busy here, but now that we have sufficient system gain, I
> have laid out an AGC circuit that should be easy to implement. Once
> finalized, I'll make up 30 or so SMD boards- about half the size of a
> postage stamp. Only 4 connections- +12, GND, AF in and AGC control voltage
> to the MC1350.
> So let's hope the ckt performs as expected.
>
> Dale W4OP
>
>
>
> ----- Original Message -----
> *From:* andreas.fuehrmann@...
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Tuesday, September 17, 2013 4:19 PM
> *Subject:* [X1M_QRP-Transceiver] RE: Increased RX Gain
>
>

>
> Can recommend the mod to every user of this little gem. Makes the rig much
> more usable.
>
>
> Andy DC3AFA
>
> No virus found in this message.
>
> Checked by AVG - www.avg.com
> Version: 2013.0.3408 / Virus Database: 3222/6673 - Release Date: 09/17/13
>
>
>
>

1439. RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 02:22:43 UTC
From: <vr2af@...>
Topic: 1304 Message: 1439

Hi Dale, very much interest in your AGC project. The original MC1350 circuit in it is too simple and need to be improved. 73

Albert VR2AF

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
I have been very busy here, but now that we have sufficient system gain, I have laid out an AGC circuit that should be easy to implement. Once finalized, I'll make up 30 or so SMD boards- about half the size of a postage stamp. Only 4 connections- +12, GND, AF in and AGC control voltage to the MC1350.

So let's hope the ckt performs as expected.

Dale W4OP

----- Original Message -----

From: andreas.fuehrmann@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Tuesday, September 17, 2013 4:19 PM

Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain

Can recommend the mod to every user of this little gem. Makes the rig much more usable.

Andy DC3AFA

No virus found in this message.
Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2013.0.3408 / Virus Database: 3222/6673 - Release Date: 09/17/13

1440. Re: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 10:29:11 UTC
From: pezcat19
Topic: 1304 Message: 1440

Hi Dale (W4OP),

As you seem to have a good understanding of the X1M-PRO audio stage, I am wondering if you have any ideas as to what causes the high volume "clipping" that occurs?

At times I would like to run the X1M-PRO at slightly higher volumes (even with the great R80C modification), but doing so results in the clipping problem. I am wondering / hoping for a simple fix to this problem.

Do you have any ideas?

Thanks in advance,

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Hi Perrin,
> I have the rig back together, but the resistor is directly under LM386 on the PRO version and can be IDed by confirming that one end goes to pin 1 and the other end goes to the electrolytic which is also on the underside of the top board. W5COV reports that the resistor is on the top of the orignal version board which makes the mod even simpler. With the extra gain, I seldom use the preamp now.
>
> Dale

1441. Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 12:30:06 UTC
From: Dale Parfitt
Topic: 1304 Message: 1441

Hi Albert,
The 1350 is a bit old at this point but is still an excellent IF amp and has a wonderful AGC control. The fantastic RX in the Elecraft K2 uses this exact IC. Because it is post filtering, IM is not an issue and from memory, it can accept about 3V P-P without distorting. It's AGC control is just not being used (yet) in the XM-1. It has a fixed DC bias on it. My circuit (should it function as designed) will take advantage of the IC's AGC.

Dale W4OP

----- Original Message -----
From: vr2af@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, September 17, 2013 10:22 PM
Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain

Hi Dale, very much interest in your AGC project. The original MC1350 circuit in it is too simple and need to be improved. 73

Albert VR2AF

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
I have been very busy here, but now that we have sufficient system gain, I have laid out an AGC circuit that should be easy to implement. Once finalized, I'll make up 30 or so SMD boards- about half the size of a postage stamp. Only 4 connections- +12, GND, AF in and AGC control voltage to the MC1350.
So let's hope the ckt performs as expected.

Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, September 17, 2013 4:19 PM
Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain

Can recommend the mod to every user of this little gem. Makes the rig much more usable.

Andy DC3AFA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6673 - Release Date: 09/17/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6674 - Release Date: 09/17/13

1442. Re: [X1M_QRP-Transceiver] Re: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 13:02:13 UTC
From: Dale Parfitt
Topic: 1304 Message: 1442

Hi Perrin,
I have not experienced that here. Of course, the little speaker distorts at high levels, but I have never experienced clipping.
Make certain your power supply is capable of handling the current peaks and that the coaxial power plug you are using is the proper diameter. If you have a scope you can look at the input to the 386 and output to see if the clipping is occurring there- I think it unlikely though.
Anyone else have clipping (as opposed to simple distortion) at high levels?

Dale W4OP

----- Original Message -----
From: pezcat19
To: X1M_QRP-Transceiver@...m
Sent: Wednesday, September 18, 2013 6:29 AM
Subject: [X1M_QRP-Transceiver] Re: Increased RX Gain

Hi Dale (W4OP),

As you seem to have a good understanding of the X1M-PRO audio stage, I am wondering if you have any ideas as to what causes the high volume "clipping" that occurs?

At times I would like to run the X1M-PRO at slightly higher volumes (even with the great R80C modification), but doing so results in the clipping problem. I am wondering / hoping for a simple fix to this problem.

Do you have any ideas?

Thanks in advance,

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Hi Perrin,
> I have the rig back together, but the resistor is directly under LM386 on the PRO version and can be IDed by confirming that one end goes to pin 1 and the other end goes to the electrolytic which is also on the underside of the top board. W5COV reports that the resistor is on the top of the orignal version board which makes the mod even simpler. With the extra gain, I seldom use the preamp now.
>
> Dale

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6674 - Release Date: 09/17/13

1443. RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 13:14:07 UTC
From: <vr2af@...>
Topic: 1304 Message: 1443

Hi Dale,
Proper AGC control to the receiver is very important, that's the reason I am also concern the MC1350 in this rig. I got my X1M pro on 18/7 directly from BG8HT, tried a few local and a QSO to BV, found too low the receiving audio and lack of agc control to handle strong and weak signal. I did the mod for RX audio gain today and the result is positive but I think I will replace the resistor with smaller value to lower a bit the audio gain. The RX band pass is no way to adjust, I need to fine tune the 20m section! Any idea?
73 de VR2AF albert from Hong Kong

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Hi Albert,

The 1350 is a bit old at this point but is still an excellent IF amp and has a wonderful AGC control. The fantastic RX in the Elecraft K2 uses this exact IC. Because it is post filtering, IM is not an issue and from memory, it can accept about 3V P-P without distorting. It's AGC control is just not being used (yet) in the XM-1. It has a fixed DC bias on it. My circuit (should it function as designed) will take advantage of the IC's AGC.

Dale W4OP

----- Original Message -----

From: vr2af@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Tuesday, September 17, 2013 10:22 PM

Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain

Hi Dale, very much interest in your AGC project. The original MC1350 circuit in it is too simple and need to be improved. 73

Albert VR2AF

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
I have been very busy here, but now that we have sufficient system gain, I have laid out an AGC circuit that should be easy to implement. Once finalized, I'll make up 30 or so SMD boards- about half the size of a postage stamp. Only 4 connections- +12, GND, AF in and AGC control voltage to the MC1350.

So let's hope the ckt performs as expected.

Dale W4OP

----- Original Message -----

From: andreas.fuehrmann@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Tuesday, September 17, 2013 4:19 PM

Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain

Can recommend the mod to every user of this little gem. Makes the rig much more usable.

Andy DC3AFA

No virus found in this message.
Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2013.0.3408 / Virus Database: 3222/6673 - Release Date: 09/17/13

No virus found in this message.
Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2013.0.3408 / Virus Database: 3222/6674 - Release Date: 09/17/13

1444. Re: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 13:27:55 UTC
From: pezcat19
Topic: 1304 Message: 1444

Hi Dale,

Thanks for the reply. I have confirmed that my power supply and connections are not the culprit here. I have a scope so checking the input is a good idea - I just need to find some spare time to get this done!

Here is an old video I took that was demonstrating the low volume of my X1M-PRO: http://youtu.be/0apKc2kc8GE . You will notice the clipping occurring in this video, although it is not a great example of the clipping problem or how bad it can get (let me know if you would like me to take a new video showing the clipping more clearly.) I am sure this is not simply the speaker distorting as the same audio clipping is heard when using external speakers / headphones.

The R80C mod has made my radio louder, however clipping occurs from around the 12o'clock position now (overall the radio is better, but the clipping remains an issue for me).

I have asked the group about this previously but I had mixed replies on the issue, so I am tending to think not all X1M-PRO's are affected.

Cheers,

Perrin

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Hi Perrin,
> I have not experienced that here. Of course, the little speaker distorts at high levels, but I have never experienced clipping.
> Make certain your power supply is capable of handling the current peaks and that the coaxial power plug you are using is the proper diameter. If you have a scope you can look at the input to the 386 and output to see if the clipping is occurring there- I think it unlikely though.
> Anyone else have clipping (as opposed to simple distortion) at high levels?
>
> Dale W4OP
>
>
> ----- Original Message -----
> From: pezcat19
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Wednesday, September 18, 2013 6:29 AM
> Subject: [X1M_QRP-Transceiver] Re: Increased RX Gain
>
>
>
> Hi Dale (W4OP),
>

> As you seem to have a good understanding of the X1M-PRO audio stage, I am wondering if you have any ideas as to what causes the high volume "clipping" that occurs?
>
> At times I would like to run the X1M-PRO at slightly higher volumes (even with the great R80C modification), but doing so results in the clipping problem. I am wondering / hoping for a simple fix to this problem.
>
> Do you have any ideas?
>
> Thanks in advance,
>
> Perrin VK3XPT

1445. X1M [Pro] in Europe; No reply from Wouxun/ImportCommunications

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 13:39:17 UTC
From: Dani Novak
Topic: 1445 Message: 1445

Hi everyone, I'm looking to buy an X1M Pro/Platinum or even an original model but haven't received a response from ImportCommunications so far... does anyone know of any UK or European distributors/importers, preferably accepting Paypal?

Thanks & 73s,

Dani.

1446. Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 14:34:08 UTC
From: Dale Parfitt
Topic: 1304 Message: 1446

Hi Albert,

As before, the MC1350 has excellent AGC characteristics- I am not sure there is even a better choice. The issue currently with the XM-1 is that the AGC pin is not being used in the 1350.

You'll have to expand on what you mean by fine tuning the 20M section. I don't understand what you are referring to.

Dale W4OP
----- Original Message -----
From: vr2af@yahoo.com.hk
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, September 18, 2013 9:14 AM
Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain

Hi Dale,

Proper AGC control to the receiver is very important, that's the reason I am also concern the MC1350 in this rig. I got my X1M pro on 18/7 directly from BG8HT, tried a few local and a QSO to BV, found too low the receiving audio and lack of agc control to handle strong and weak signal. I did the mod for RX audio gain today and the result is positive but I think I will replace the resistor with smaller value to lower a bit the audio gain. The RX band pass is no way to adjust, I need to fine tune the 20m section! Any idea?

73 de VR2AF albert from Hong Kong

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Hi Albert,
The 1350 is a bit old at this point but is still an excellent IF amp and has a wonderful AGC control. The fantastic RX in the Elecraft K2 uses this exact IC. Because it is post filtering, IM is not an issue and from memory, it can accept about 3V P-P without distorting. It's AGC control is just not being used (yet) in the XM-1. It has a fixed DC bias on it. My circuit (should it function as designed) will take advantage of the IC's AGC.

Dale W4OP

----- Original Message -----
From: vr2af@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, September 17, 2013 10:22 PM
Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain

Hi Dale, very much interest in your AGC project. The original MC1350 circuit in it is too simple and need to be improved. 73

Albert VR2AF

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
I have been very busy here, but now that we have sufficient system gain, I have laid out an AGC circuit that should be easy to implement. Once finalized, I'll make up 30 or so SMD boards- about half the size of a postage stamp. Only 4 connections- +12, GND, AF in and AGC control voltage to the MC1350.
So let's hope the ckt performs as expected.

Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, September 17, 2013 4:19 PM
Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain

Can recommend the mod to every user of this little gem. Makes the rig much more usable.

Andy DC3AFA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6673 - Release Date: 09/17/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6674 - Release Date: 09/17/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6677 - Release Date: 09/18/13

1447. Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 14:50:42 UTC
From: Keith Heimbold
Topic: 1304 Message: 1447

Hi Dale,

Once you figure out the 1350 AGC mod would you be willing to do the mods on the units for hire. I am not a great technician but would like to get my X1M working as well as possible. I have an older model not the pro.

Thanks & 73,

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Sep 17, 2013, at 1:29 PM, "Dale Parfitt" <parinc1@frontier.com> wrote:

> □
>
> I have been very busy here, but now that we have sufficient system gain, I have laid out an AGC circuit that should be easy to implement. Once finalized, I'll make up 30 or so SMD boards- about half the size of a postage stamp. Only 4 connections- +12, GND, AF in and AGC control voltage to the MC1350.
> So let's hope the ckt performs as expected.
>
> Dale W4OP
>
>
> ----- Original Message -----
> From: andreas.fuehrmann@macnews.de
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Tuesday, September 17, 2013 4:19 PM
> Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain
>
>
> Can recommend the mod to every user of this little gem. Makes the rig much more usable.
>
>
>
> Andy DC3AFA
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.3408 / Virus Database: 3222/6673 - Release Date: 09/17/13
>
>

1448. RE: Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 15:14:57 UTC
From: <vr2af@...>
Topic: 1304 Message: 1448

Hi Dale,

This is the matter for I concerned the MC1350 ic's AGC pin is not being used.

The 20m RX filter circuit of my X1M pro is not tuned correctly, sensitivity is significantly decrease from 14.160 up, If I want to fine tune the section, I cannot tune the coils directly in circuit with the radio turned on.

de VR2AF albert

1449. Re: Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 18:17:25 UTC
From: Dale Parfitt
Topic: 1304 Message: 1449

Hi Albert,
My XM-1 is currently in the cabinet so I cannot make definitive measurements, but using my signal generator in an MDS test, I would estimate the loss of the 20M filter to be less than 4dB at the top end of 20M. Try this test- connect a 20M antenna and with the preamp on, tune the XM-1 from 14.349 (while listening to background noise) to 14351. The internal filter will be bypassed above14350 and you should notice a slight increase in background noise. You should also hear the 20M LPF relays click. Let us know how this test comes out. If you have a large increase in background when the filter is bypassed, I would suspect an icorrect/defective component in the 20M LPF or relays K5A or K11A- both are involved in selecting/deselecting the 20M LPF. Simple VOM tests should prove the relays out.

Dale W4OP

----- Original Message -----
From: vr2af@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, September 18, 2013 11:14 AM
Subject: RE: Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Hi Dale,

This is the matter for I concerned the MC1350 ic's AGC pin is not being used.

The 20m RX filter circuit of my X1M pro is not tuned correctly, sensitivity is significantly decrease from 14.160 up, If I want to fine tune the section, I cannot tune the coils directly in circuit with the radio turned on.

de VR2AF albert

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6677 - Release Date: 09/18/13

1450. Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 18:18:28 UTC
From: Dale Parfitt
Topic: 1304 Message: 1450

Let's wait and see how this turns out first. I am working 80+ hour weeks with my own company- so spare time is always short.

Dale W4OP
----- Original Message -----
From: Keith Heimbold
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, September 18, 2013 10:50 AM
Subject: Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Hi Dale,

Once you figure out the 1350 AGC mod would you be willing to do the mods on the units for hire. I am not a great technician but would like to get my X1M working as well as possible. I have an older model not the pro.

Thanks & 73,

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Sep 17, 2013, at 1:29 PM, "Dale Parfitt" <parinc1@...> wrote:

☐

I have been very busy here, but now that we have sufficient system gain, I have laid out an AGC circuit that should be easy to implement. Once finalized, I'll make up 30 or so SMD boards- about half the size of a postage stamp. Only 4 connections- +12, GND, AF in and AGC control voltage to the MC1350.
So let's hope the ckt performs as expected.

Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, September 17, 2013 4:19 PM
Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain

Can recommend the mod to every user of this little gem. Makes the rig much more usable.

Andy DC3AFA

No virus found in this message.
Checked by AVG - www.avg.com

Version: 2013.0.3408 / Virus Database: 3222/6673 - Release Date: 09/17/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6677 - Release Date: 09/18/13

1451. RE: X1M [Pro] in Europe; No reply from Wouxun/ImportCommunications

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 18:25:17 UTC
From: <andreas.fuehrmann@...>
Topic: 1445 Message: 1451

Just try Wimo. I´ve got my Pro from there.

Andy DC3AFA

--- In x1m_qrp-transceiver@yahoogroups.com, <dani.novak.eu@...> wrote:

Hi everyone, I'm looking to buy an X1M Pro/Platinum or even an original model but haven't received a response from ImportCommunications so far... does anyone know of any UK or European distributors/importers, preferably accepting Paypal?

Thanks & 73s,

Dani.

1452. RE: X1M [Pro] in Europe; No reply from Wouxun/ImportCommunications

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 18:25:50 UTC
From: <andreas.fuehrmann@...>
Topic: 1445 Message: 1452

Sorry...forgot the url http://www.wimo.de/frameset_e.html

--- In x1m_qrp-transceiver@yahoogroups.com, <andreas.fuehrmann@...> wrote:

Just try Wimo. I´ve got my Pro from there.

Andy DC3AFA

--- In x1m_qrp-transceiver@yahoogroups.com, <dani.novak.eu@...> wrote:

Hi everyone, I'm looking to buy an X1M Pro/Platinum or even an original model but haven't received a response from ImportCommunications so far... does anyone know of any UK or European distributors/importers, preferably accepting Paypal?

Thanks & 73s,

Dani.

1453. Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 18:35:43 UTC
From: Keith Heimbold
Topic: 1304 Message: 1453

No problem. Dale. I understand. I have my own company too and between family, triathlon training and business there is not a lot of ham radio time.

Let me know once you figure this out and you have some bandwidth.

73 & Thanks,

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Sep 18, 2013, at 11:20 AM, "Dale Parfitt" <parinc1@frontier.com> wrote:

> □
>
> Let's wait and see how this turns out first. I am working 80+ hour weeks with my own company- so spare time is always short.
>
> Dale W4OP
> ----- Original Message -----
> From: Keith Heimbold
> To: X1M_QRP-Transceiver@yahoogroups.com
> Cc: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Wednesday, September 18, 2013 10:50 AM
> Subject: Re: [X1M_QRP-Transceiver] RE: Increased RX Gain
>
>
> Hi Dale,
>
> Once you figure out the 1350 AGC mod would you be willing to do the mods on the units for hire. I am not a great technician but would like to get my X1M working as well as possible. I have an older model not the pro.
>
> Thanks & 73,
>
> Keith
> AK6ZZ
>
> Sent from my iPhone please excuse typos
>
> On Sep 17, 2013, at 1:29 PM, "Dale Parfitt" <parinc1@frontier.com> wrote:
>
>>
>> □
>>
>> I have been very busy here, but now that we have sufficient system gain, I have laid out an AGC circuit that should

be easy to implement. Once finalized, I'll make up 30 or so SMD boards- about half the size of a postage stamp. Only 4 connections- +12, GND, AF in and AGC control voltage to the MC1350.
>> So let's hope the ckt performs as expected.
>>
>> Dale W4OP
>>
>>
>> ----- Original Message -----
>> From: andreas.fuehrmann@macnews.de
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: Tuesday, September 17, 2013 4:19 PM
>> Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain
>>
>>
>> Can recommend the mod to every user of this little gem. Makes the rig much more usable.
>>
>>
>>
>> Andy DC3AFA
>>
>> No virus found in this message.
>> Checked by AVG - www.avg.com
>> Version: 2013.0.3408 / Virus Database: 3222/6673 - Release Date: 09/17/13
>>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.3408 / Virus Database: 3222/6677 - Release Date: 09/18/13
>
>

1454. Re: [X1M_QRP-Transceiver] RE: X1M [Pro] in Europe; No reply from Wouxun/ImportCommunications

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 20:27:29 UTC
From: Dani Novak
Topic: 1445 Message: 1454

Thanks! I had a look but it seem they won't have any more in stock until November :-(.

On 18/09/2013 19:25, andreas.fuehrmann@... wrote:
>
> Just try Wimo. I´ve got my Pro from there.
>
>
> Andy DC3AFA
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <dani.novak.eu@...> wrote:
>
> Hi everyone, I'm looking to buy an X1M Pro/Platinum or even an original
> model but haven't received a response from ImportCommunications so
> far... does anyone know of any UK or European distributors/importers,
> preferably accepting Paypal?
>
> Thanks & 73s,
>
> Dani.
>

1455. RE: X1M [Pro] in Europe; No reply from Wouxun/ImportCommunications

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 20:53:45 UTC
From: <andreas.fuehrmann@...>
Topic: 1445 Message: 1455

I know. There had been tremendous demand.
Try ImportCommunication instead. Have been in contact with Ed a while ago.
He told me that shipping to Europe won´t be a problem for them.

Andy DC3AFA

--- In x1m_qrp-transceiver@yahoogroups.com, <dani.novak.eu@...> wrote:

Thanks! I had a look but it seem they won't have any more in stock until November :-(.

On 18/09/2013 19:25, andreas.fuehrmann@... wrote:

Just try Wimo. I´ve got my Pro from there.

Andy DC3AFA

--- In x1m_qrp-transceiver@yahoogroups.com, <dani.novak.eu@...> wrote:

Hi everyone, I'm looking to buy an X1M Pro/Platinum or even an original
model but haven't received a response from ImportCommunications so
far... does anyone know of any UK or European distributors/importers,
preferably accepting Paypal?

Thanks & 73s,

Dani.

1456. RE: X1M [Pro] in Europe; No reply from Wouxun/ImportCommunications

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 21:51:48 UTC
From: Stephen Farthing
Topic: 1445 Message: 1456

Dani,

If I remember rightly there was at least one unhappy customer on this list wishing to get rid of one with some minor fault or other. It might be worth asking here for one.

73s Steve G0XAR

1457. RE: RE: X1M [Pro] in Europe; No reply from Wouxun/ImportCommunications

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 22:00:38 UTC
From: <dani.novak.eu@...>
Topic: 1445 Message: 1457

Thanks, I'll make a post asking! :-].

Dani

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Dani,

If I remember rightly there was at least one unhappy customer on this list wishing to get rid of one with some minor fault or other. It might be worth asking here for one.

73s Steve G0XAR

1458. RE: RE: X1M [Pro] in Europe; No reply from Wouxun/ImportCommunications

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 22:01:36 UTC
From: <dani.novak.eu@...>
Topic: 1445 Message: 1458

Thanks Andy,

Ed has contacted me via e-mail here - hopefully I will get a hold of one soon ;].

Dani.

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I know. There had been tremendous demand.
Try ImportCommunication instead. Have been in contact with Ed a while ago.
He told me that shipping to Europe won´t be a problem for them.

Andy DC3AFA

--- In x1m_qrp-transceiver@yahoogroups.com, <dani.novak.eu@...> wrote:

Thanks! I had a look but it seem they won't have any more in stock until November :-(.

On 18/09/2013 19:25, andreas.fuehrmann@... wrote:

Just try Wimo. I´ve got my Pro from there.

Andy DC3AFA

--- In x1m_qrp-transceiver@yahoogroups.com, <dani.novak.eu@...> wrote:

Hi everyone, I'm looking to buy an X1M Pro/Platinum or even an original
model but haven't received a response from ImportCommunications so
far... does anyone know of any UK or European distributors/importers,
preferably accepting Paypal?

Thanks & 73s,

Dani.

1459. Anyone selling an X1M or X1M Pro/Platinum in UK/EU?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 22:05:12 UTC
From: <dani.novak.eu@...>
Topic: 1459 Message: 1459

Looking for a 2nd-hand X1M in the UK or EU; Payment by verified paypal.

Cheers,

Dani.

1460. Re: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 22:57:08 UTC
From: kelandis@...
Topic: 1304 Message: 1460

Just did the Rx gain mod to mine as well....huge difference...makes the rig so much easier to listen to!

I am noticing No artifacts or clipping in the audio except for the distortion from the tiny speaker at high audio levels ..which I totally understand!

Thanks Dale and company!!

73 to all de Kent
N8ZRD

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> I have been using the XM1 for an hour or more tonight on 40M CW and SSB- just listening and see no ill effects of shorting resistor R80C. I am able to reduce the AF Gain by more than 90 degrees from the position it was in before the mod.
> As soon as I get time, I'll breadboard a dual op amp AGC conditioning circuit.
>
> Dale W4OP
> ----- Original Message -----
> From: Heath - VK3TWO / VK6TWO
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Saturday, September 07, 2013 8:46 AM
> Subject: [X1M_QRP-Transceiver] Re: X1M Boards
>
>
>
>
> Dale,
>
>
> Check out my youtube videos of desassembly and re-assembly of the radio.
>
>
> 73's
>
> Heath VK3TWO / VK6TWO
> MEngSc, GDipCompSc, DipEE
> VK3TWO Website
>
> DSTAR - Co-ordinator (WA)
> Hills Amateur Radio Group - Technical Officer
> WA Repeater Group ☐ Committee
> WA VHF Group ☐ Committee
> Wireless Institute Civil Emergency Network ☐ President & Technical Officer (WA)

> Wireless Institute of Australia ☐ State Advisory Committee (WA)
> Wireless Institute of Australia - State Emergency Comms co-ordinator (WA)
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.3392 / Virus Database: 3222/6644 - Release Date: 09/06/13
>

1461. X1M Keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 23:01:05 UTC
From: Dale Parfitt
Topic: 1461 Message: 1461

I have just completed looking at the keyer in the XM-1.
I set the speed at 25wpm for convenience.

DOTS= 25mSec
DASHES= 75MSec

So far so good as theoretically a dash= 3XDot

Dot spaces= 74MSec
Dash Spaces=74MSec

In theory a the space between successive dots (element spacing) = 1DOT length and the same for Dashes.

So Dash spaces are 3X longer than they should be and dot spaces are also 3X longer than they should be.

The spacing between characters is 5XDot- some like this feature, others do not.

Some variance is OK -known as weighting, but w/o that feature, the keyer should be spot on as to the dot and dash length and element spacing.

If this data reaches the designers, please also ask them to add dot and dash memory. The coding is simple and makes the keyer so much more usable.

Dale W4OP

1462. Re: [X1M_QRP-Transceiver] Re: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-18 23:02:28 UTC
From: Dale Parfitt
Topic: 1304 Message: 1462

Great Kent,
My other mod could add another 8-10dB of audio gain but the +12dB seems to be spot on and is a lot easier to implement than the higher gain mod.

Dale W4OP

----- Original Message -----
From: kelandis@earthlink.net
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, September 18, 2013 6:57 PM
Subject: [X1M_QRP-Transceiver] Re: Increased RX Gain

Just did the Rx gain mod to mine as well....huge difference...makes the rig so much easier to listen to!

I am noticing No artifacts or clipping in the audio except for the distortion from the tiny speaker at high audio levels ..which I totally understand!

Thanks Dale and company!!

73 to all de Kent
N8ZRD

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> I have been using the XM1 for an hour or more tonight on 40M CW and SSB- just listening and see no ill effects of shorting resistor R80C. I am able to reduce the AF Gain by more than 90 degrees from the position it was in before the mod.
> As soon as I get time, I'll breadboard a dual op amp AGC conditioning circuit.
>
> Dale W4OP
> ----- Original Message -----
> From: Heath - VK3TWO / VK6TWO
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Saturday, September 07, 2013 8:46 AM
> Subject: [X1M_QRP-Transceiver] Re: X1M Boards
>
>
>
>
>
> Dale,
>
>
> Check out my youtube videos of desassembly and re-assembly of the radio.
>
>
> 73's

>
> Heath VK3TWO / VK6TWO
> MEngSc, GDipCompSc, DipEE
> VK3TWO Website
>
> DSTAR - Co-ordinator (WA)
> Hills Amateur Radio Group - Technical Officer
> WA Repeater Group - Committee
> WA VHF Group - Committee
> Wireless Institute Civil Emergency Network - President & Technical Officer (WA)
> Wireless Institute of Australia - State Advisory Committee (WA)
> Wireless Institute of Australia - State Emergency Comms co-ordinator (WA)
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.3392 / Virus Database: 3222/6644 - Release Date: 09/06/13
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6678 - Release Date: 09/18/13

1463. Re: [X1M_QRP-Transceiver] X1MPRO V1.00b

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-19 02:59:58 UTC
From: Charlie , W5COV
Topic: 1433 Message: 1463

Ingo , we ALL agree with you . You will also find other CW issues , see later post by Dale , W4OP , regarding this , PLUS the radio transmits and receives on the same frequency in CW , so you can't work CW with it.

The RIT moves the transmitter and receiver both at the same time .

The attenuator function is enabled on the display , but the hardware is not enabled .

We need to generate a complete list for the files section and I now have a bit of a contact in China , which I will try to get the information explained to in detail , along with some suggestions to resolve the issues .

Be sure to also look at the LM-386 audio mod that Dale , W4OP , also posted . It is very worthwhile . Dale is also currently working on an AGC add on as the current MC1350 is being run wide open and not being fed any voltage for true AGC control , just a fixed voltage .

Most of them need to have the microphone gain and sidetone levels adjusted to suit yourself and to get maximum SSB power without splatter . Also the LSB BFO is normally in need of menu driven adjustment as they are being shipped from the factory .

I am now digging in , along with Dale , into the filter stage . Hopefully we will have a more optimized design , naturally our primary focus will be on the USA band segments .

There is a MAJOR difference in the procedure it will take to do any required modifications in the filter section between the original X1M version and the current version we are aware of here , the Pro version .

PLEASE send your feedback to your dealer/wholesaler and inquire if he has ANY direct contact with the factory . We HAVE to be able to establish reliable two way communications with the factory and the users , so the more users that get a message back to the factory , the better !!!

If ANYONE has DIRECT contact with the factory engineering department , we would love to have the opportunity to work with them to resolve these and possibly other issues , that I have missed .

We even have people willing to help resolve the software issues so the company can issue a firmware update , however we have no way to access the software , even an early version , would prove very beneficial to both the user and the factory .

If there is anyone from the factory engineering department , they can feel free to contact me directly by e-mail at w5cov@... , and I can ASSURE them that the information will be put into competent hands

here in the USA willing to work with them .

Feel free to share this e-mail with ANY other person or group , that might be able to help us bring this little rig up to specs .

Best 73 , Charlie , W5COV

On 9/17/2013 2:59 PM, Fred VE3FAL wrote:
>
> We are all awaiting the same very patiently Ingo....
>
> Fred
>
> VE3FAL
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *ip_56
> *Sent:* September 17, 2013 3:21 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] X1MPRO V1.00b
>
>
>
> Hello,
>
> I received my new X1MPRO on the last Saturday of WIMO (Germany).
>
> Ver: X1MPRO V1.00b USA
> Date: Jul 20 2013
> Time: 16:18:40
> SN: XGFFFFFFFF
>
> The device is a typical Phone TRX.
> The RIG plays very well on SSB. Have tested this in the WAE contest.
>
> For me as a cw op following is unsatisfactory.
> - the built-in CW keyer is scrap - the dashes are too short.
> - in CW mode SPLIT-operation does not work.
>
> I hope for an improved firmware upgrade.
>
> vy 73 Ingo, DL3HQN
>
>
>

1464. RE: X1MPRO V1.00b

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-19 03:44:15 UTC
From: <orders@...>
Topic: 1433 Message: 1464

Charlie -- What are the differences between the 2 models in regards to LPF? I haven't looked at the new x1m Pro schematics to get a feel for what has changed.

-Chris
KC8MUS

--- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

Ingo , we ALL agree with you . You will also find other CW issues , see later post by Dale , W4OP , regarding this , PLUS the radio transmits and receives on the same frequency in CW , so you can't work CW with it.

The RIT moves the transmitter and receiver both at the same time .

The attenuator function is enabled on the display , but the hardware is not enabled .

We need to generate a complete list for the files section and I now have a bit of a contact in China , which I will try to get the information explained to in detail , along with some suggestions to resolve the issues .

Be sure to also look at the LM-386 audio mod that Dale , W4OP , also posted . It is very worthwhile . Dale is also currently working on an AGC add on as the current MC1350 is being run wide open and not being fed any voltage for true AGC control , just a fixed voltage .

Most of them need to have the microphone gain and sidetone levels adjusted to suit yourself and to get maximum SSB power without splatter . Also the LSB BFO is normally in need of menu driven adjustment as they are being shipped from the factory .

I am now digging in , along with Dale , into the filter stage . Hopefully we will have a more optimized design , naturally our primary focus will be on the USA band segments .

There is a MAJOR difference in the procedure it will take to do any required modifications in the filter section between the original X1M version and the current version we are aware of here , the Pro version .

PLEASE send your feedback to your dealer/wholesaler and inquire if he has ANY direct contact with the factory . We HAVE to be able to establish reliable two way communications with the factory and the users , so the more users that get a message back to the factory , the better !!!

If ANYONE has DIRECT contact with the factory engineering department , we would love to have the opportunity to work with them to resolve these and possibly other issues , that I have missed .

We even have people willing to help resolve the software issues so the company can issue a firmware update , however we have no way to access the software , even an early version , would prove very beneficial to both the user and the factory .

If there is anyone from the factory engineering department , they can feel free to contact me directly by e-mail at w5cov@... , and I can ASSURE them that the information will be put into competent hands here in the USA willing to work with them .

Feel free to share this e-mail with ANY other person or group , that might be able to help us bring this little rig up to specs .

Best 73 , Charlie , W5COV

On 9/17/2013 2:59 PM, Fred VE3FAL wrote:

We are all awaiting the same very patiently Ingo….

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ip_56
Sent: September 17, 2013 3:21 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1MPRO V1.00b

Hello,

I received my new X1MPRO on the last Saturday of WIMO (Germany).

Ver: X1MPRO V1.00b USA
Date: Jul 20 2013
Time: 16:18:40
SN: XGFFFFFFFF

The device is a typical Phone TRX.
The RIG plays very well on SSB. Have tested this in the WAE contest.

For me as a cw op following is unsatisfactory.
- the built-in CW keyer is scrap - the dashes are too short.
- in CW mode SPLIT-operation does not work.

I hope for an improved firmware upgrade.

vy 73 Ingo, DL3HQN

1465. Re: [X1M_QRP-Transceiver] X1MPRO V1.00b

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-19 04:27:58 UTC
From: Tarunodjojo
Topic: 1433 Message: 1465

Hi Charlie,

I bought a couple of units of the X1M from a local supplier here whom from time to time he imports nice radios from China and USA..One works well on SSB n the other "kaput" after a few hours of casual use. A quick inspection shows a broken antenna connection at the back of the radio. I thought it would be an easy fix by resoldering the coaxial centre lead back to the antenna jack (amazingly louzy solder work from the factory!!). After resoldering, the RX is back to normal but zero on TX on all modes.. When u "rock" the chasis a little, u get some TX but intermittent. Somewhere out there sits a loose connection..a major headache!! My friend who imported them have tried to contact the vendor but so far no reply from him.

Anyway, I have a friend living in Shanghai and see if he could try to get in touch with the factory in Chong Qing province in North China. On my last trip to Shanghai a few weeks ago, I have also met Adam Rong of the KN - series for an eyeball meeting and apparently he was not too keen with this radio as the earlier versions have many problems.

Being a third generation Chinese living in Jakarta, Indonesia, I speak very limited Mandarin but lets see if my friend in Shanghai could help..

Many thanks for letting me in to the Group.

Cheers and 73 from
JOY/ YB0NSI.

iPhone is Cool !

On 19 Sep 2013, at 09:59, "Charlie , W5COV" <cvest@...> wrote:

> Ingo , we ALL agree with you . You will also find other CW issues , see later post by Dale , W4OP , regarding this , PLUS the radio transmits and receives on the same frequency in CW , so you can't work CW with it.
>
> The RIT moves the transmitter and receiver both at the same time .
>
> The attenuator function is enabled on the display , but the hardware is not enabled .
>
> We need to generate a complete list for the files section and I now have a bit of a contact in China , which I will try to get the information explained to in detail , along with some suggestions to resolve the issues .
>
> Be sure to also look at the LM-386 audio mod that Dale , W4OP , also posted . It is very worthwhile . Dale is also currently working on an AGC add on as the current MC1350 is being run wide open and not being fed any voltage for true AGC control , just a fixed voltage .
>
> Most of them need to have the microphone gain and sidetone levels adjusted to suit yourself and to get maximum SSB power without splatter . Also the LSB BFO is normally in

need of menu driven adjustment as they are being shipped from the factory .
>
> I am now digging in , along with Dale , into the filter stage . Hopefully we will have a more optimized design , naturally our primary focus will be on the USA band segments .
>
> There is a MAJOR difference in the procedure it will take to do any required modifications in the filter section between the original X1M version and the current version we are aware of here , the Pro version .
>
> PLEASE send your feedback to your dealer/wholesaler and inquire if he has ANY direct contact with the factory . We HAVE to be able to establish reliable two way communications with the factory and the users , so the more users that get a message back to the factory , the better !!!
>
> If ANYONE has DIRECT contact with the factory engineering department , we would love to have the opportunity to work with them to resolve these and possibly other issues , that I have missed .
>
> We even have people willing to help resolve the software issues so the company can issue a firmware update , however we have no way to access the software , even an early version , would prove very beneficial to both the user and the factory .
>
> If there is anyone from the factory engineering department , they can feel free to contact me directly by e-mail at w5cov@... , and I can ASSURE them that the information will be put into competent hands here in the USA willing to work with them .
>
> Feel free to share this e-mail with ANY other person or group , that might be able to help us bring this little rig up to specs .
>
> Best 73 , Charlie , W5COV
>
>
>
>
> On 9/17/2013 2:59 PM, Fred VE3FAL wrote:
>>
>> We are all awaiting the same very patiently Ingo….
>>
>>
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>> Fred
>>
>> VE3FAL
>>
>>
>>
>> From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ip_56
>> Sent: September 17, 2013 3:21 PM
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Subject: [X1M_QRP-Transceiver] X1MPRO V1.00b

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>>
>> Hello,
>>
>> I received my new X1MPRO on the last Saturday of WIMO (Germany).
>>
>> Ver: X1MPRO V1.00b USA
>> Date: Jul 20 2013
>> Time: 16:18:40
>> SN: XGFFFFFFFF
>>
>> The device is a typical Phone TRX.
>> The RIG plays very well on SSB. Have tested this in the WAE contest.
>>
>> For me as a cw op following is unsatisfactory.
>> - the built-in CW keyer is scrap - the dashes are too short.
>> - in CW mode SPLIT-operation does not work.
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>> I hope for an improved firmware upgrade.
>>
>> vy 73 Ingo, DL3HQN
>
>

1466. Re: [X1M_QRP-Transceiver] RE: X1MPRO V1.00b

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-19 04:37:20 UTC
From: Charlie , W5COV
Topic: 1433 Message: 1466

Hi Chris ,

On the original X1M , the toroids and COG/NP0 capacitors are all mounted on the top side of the bottom board , inside of the larger of the two metal shields . They use true ceramic style capacitors radial leaded components.

On the Pro version , they have only the toroids mounted in that "box" on the top side of the board . You have to completely remove the lower board from the case and the capacitors are mounted on the bottom side of the board . All of the capacitors on the Pro for the LPF are surface mount .

Right now I am working on documenting the core dimensions , plus the number of turns for each toroid . Haven't seen an inductance value or a core type specified anywhere , so still trying to get better information for Dale to run some plots and simulations with , to see how the filters actually are characterized across the intended band .

The Pro board seems to have decent lettering on the board to be able to get the part number of each particular capacitor and then being able to reference them to the schematic in the files for the value .

Dale is pretty darned busy with his regular business , so he only has a limited amount of time to devote to analysis of the X1M .

I am going to try and get decent pictures of the top and bottom of all of the boards for the original and the Pro and then try to label as many parts as possible so it is easier to stay oriented as to where you are when looking at the boards .

Charlie , W5COV

On 9/18/2013 10:44 PM, orders@... wrote:
>
> Charlie -- What are the differences between the 2 models in regards to
> LPF? I haven't looked at the new x1m Pro schematics to get a feel for
> what has changed.
>
> -Chris
>
> KC8MUS
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:
>
> Ingo , we ALL agree with you . You will also find other CW issues ,

> see later post by Dale , W4OP , regarding this , PLUS the radio
> transmits and receives on the same frequency in CW , so you can't work
> CW with it.
>
> The RIT moves the transmitter and receiver both at the same time .
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> The attenuator function is enabled on the display , but the hardware
> is not enabled .
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> We need to generate a complete list for the files section and I now
> have a bit of a contact in China , which I will try to get the
> information explained to in detail , along with some suggestions to
> resolve the issues .
>
> Be sure to also look at the LM-386 audio mod that Dale , W4OP , also
> posted . It is very worthwhile . Dale is also currently working on an
> AGC add on as the current MC1350 is being run wide open and not being
> fed any voltage for true AGC control , just a fixed voltage .
>
> Most of them need to have the microphone gain and sidetone levels
> adjusted to suit yourself and to get maximum SSB power without
> splatter . Also the LSB BFO is normally in need of menu driven
> adjustment as they are being shipped from the factory .
>
> I am now digging in , along with Dale , into the filter stage .
> Hopefully we will have a more optimized design , naturally our primary
> focus will be on the USA band segments .
>
> There is a MAJOR difference in the procedure it will take to do any
> required modifications in the filter section between the original X1M
> version and the current version we are aware of here , the Pro version .
>
> PLEASE send your feedback to your dealer/wholesaler and inquire if he
> has ANY direct contact with the factory . We HAVE to be able to
> establish reliable two way communications with the factory and the
> users , so the more users that get a message back to the factory , the
> better !!!
>
> If ANYONE has DIRECT contact with the factory engineering department ,
> we would love to have the opportunity to work with them to resolve
> these and possibly other issues , that I have missed .
>
> We even have people willing to help resolve the software issues so the
> company can issue a firmware update , however we have no way to access
> the software , even an early version , would prove very beneficial to
> both the user and the factory .
>
> If there is anyone from the factory engineering department , they can
> feel free to contact me directly by e-mail at w5cov@...
> <mailto:w5cov@...> , and I can ASSURE them that the information will

> be put into competent hands here in the USA willing to work with them .
>
> Feel free to share this e-mail with ANY other person or group , that
> might be able to help us bring this little rig up to specs .
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>> We are all awaiting the same very patiently Ingo….
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>> Fred
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>> I hope for an improved firmware upgrade.
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>>
>

>

1467. Re: [X1M_QRP-Transceiver] X1MPRO V1.00b

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-19 05:02:45 UTC
From: Charlie , W5COV
Topic: 1433 Message: 1467

Hi Joy ,

Nice to meet you and FANTASTIC to have you in the group !!! Perhaps you can get us some help , exchanging information with the factory and we are certainly willing to help you resolve any issues that we have enough information on to help you .

I just met Adam yesterday through e-mail in my quest to get to the engineers at the factory for the X1M . He was very kind in providing me with at least e-mail contact information . Adam is very responsive to his group of users and products . Something we have never seen from the X1M factory .

We do have people that are both willing and capable of identifying the issues and offering advice on making changes to make the radio perform as specified .

On your problem we have had similar issues and they usually trace to a faulty connection at one of the pins and plugs . One item that deserves a close look is the connector that joins the top and bottom boards . That is a particularly bad plug place . I have two different X1M's here , what we call the original with the red button and small display and the Pro model with blue buttons and nice bigger display .

I have found that the little plug that is hard to see that joins the two boards , is a very loose fit and I spread the pins a bit to make a more solid connection , plus on my Pro version the male joiner has fewer pins than the female socket on the lower board . So when I take them apart and put them back together I always take extra time to line that up with the right set of holes and to also make sure it does go into the socket , because it is in just such a place it is hard to see and may not get plugged in , so use plenty of light and look at that particular "cable" joiner very well from different angles . Others have had a problem like yours and theirs was the front display board not getting pushed far enough back.

We could REALLY use a firmware update , since on CW our radios both transmit and receive on the same frequency and the VFO split not working in CW , we can't even "trick" the radio into operating CW , so we have no use at all of the CW mode .

Welcome and we look forward to making an X1M to X1M contact one day soon .

73 , Charlie , W5COV

On 9/18/2013 11:27 PM, Tarunodjojo wrote:
> Hi Charlie,

>
> I bought a couple of units of the X1M from a local supplier here whom
> from time to time he imports nice radios from China and USA..One works
> well on SSB n the other "kaput" after a few hours of casual use. A
> quick inspection shows a broken antenna connection at the back of the
> radio. I thought it would be an easy fix by resoldering the coaxial
> centre lead back to the antenna jack (amazingly louzy solder work from
> the factory!!). After resoldering, the RX is back to normal but zero
> on TX on all modes.. When u "rock" the chasis a little, u get some TX
> but intermittent. Somewhere out there sits a loose connection..a major
> headache!! My friend who imported them have tried to contact the
> vendor but so far no reply from him.
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> Anyway, I have a friend living in Shanghai and see if he could try to
> get in touch with the factory in Chong Qing province in North China.
> On my last trip to Shanghai a few weeks ago, I have also met Adam Rong
> of the KN - series for an eyeball meeting and apparently he was not
> too keen with this radio as the earlier versions have many problems.
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> Being a third generation Chinese living in Jakarta, Indonesia, I speak
> very limited Mandarin but lets see if my friend in Shanghai could help..
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> Many thanks for letting me in to the Group.
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> Cheers and 73 from
> JOY/ YB0NSI.
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> iPhone is Cool !
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>>> We are all awaiting the same very patiently Ingo….
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>>> Fred
>>>
>>> VE3FAL

>>>
>>> *From:*X1M_QRP-Transceiver@yahoogroups.com
>>> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *ip_56
>>> *Sent:* September 17, 2013 3:21 PM
>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>> *Subject:* [X1M_QRP-Transceiver] X1MPRO V1.00b
>>>
>>>
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>>> Hello,
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>>> Ver: X1MPRO V1.00b USA
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>>>
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>>> - the built-in CW keyer is scrap - the dashes are too short.
>>> - in CW mode SPLIT-operation does not work.
>>>
>>> I hope for an improved firmware upgrade.
>>>
>>> vy 73 Ingo,DL3HQN
>>>
>>>
>>
>

1468. X1M 40M LPF

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-19 05:06:13 UTC
From: Dale Parfitt
Topic: 1468 Message: 1468
Attachments: 1 described; binary payloads are missing from this source WARC

I modeled the 40M filter using Agilent's Genesys software. Until Charlie gets me toroid type, size and # of Turns, I assumed an inductor Q of 200 for the first pass. Pretty typical for type 2 and type 6 materials.
I am attaching a .PDF of the filter response with a single marker. If Yahoo rejects the .PDF, I'll put the plot in the Files section on Thursday.

Dale W4OP

1469. Re: [X1M_QRP-Transceiver] X1MPRO V1.00b

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-19 07:26:09 UTC
From: Stephen Farthing
Topic: 1433 Message: 1469

Hi Charlie and the group,

My Platinum edition should arrive next weekend when I meet up with Paul AK1C. Apart from WIMO, who have no stock I believe, I know of no other stockist in the EU (Europe).

If it is useful to the group I am quite happy to take high resolution pictures of the radio and it's insides and post them. Also I have a VNWA and can build copies of the LPFs and test them and post the plots. As I understand it there are no LPFs for the WARC bands so I can make some for them and test also. I'll hope to pass the radio to my good friends Jan G0BBL and Alan M0PUB at some stage who have access to sophisticated test equipment to measure it's performance "out of the box"

Is there such a thing as a complete list of "snags" with the radio?

73s from a cold and rainy England,

Steve G0XAR

1470. Re: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-19 08:56:32 UTC
From: pezcat19
Topic: 1304 Message: 1470

Hi all,

So my clipping problem seems to be an *actual* problem with my radio. :(

Here is a new video of my clipping problem:

http://youtu.be/udIN5-81J-0

Dale (or anyone else who may be able to help me): I put the radio on the work bench and set the radio on 7090 LSB. I injected RF with a 1KHz tone and set about looking around the LM386 with the CRO. I am seeing the audio start to clip on both the input (Pin 3) and output pin (Pin 5) of the LM386 (It almost looks like DC is appearing during the clipping, but my CRO is a crappy old 20Mhz unit which doesn't tell me much - it's just my 'observation'). At the volume pot, the audio clips the same way, both on the fixed input pin and the variable output, once the pot is turned up enough for the problem to start occurring.

Some observations around the LM386:

Pin 6 (Vs) = 8.8VDC
Pin 7 (Bypass) = around 4.4V DC, and sees some AC (sinewave-ish) activity when the clipping occurs.

Does anyone have some ideas for me? Do the measurements I have made seen / voltages seem OK? If so, where should I look next?

Thanks in advance guys,

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, kelandis@... wrote:
>
> Just did the Rx gain mod to mine as well....huge difference...makes the rig so much easier to listen to!
>
> I am noticing No artifacts or clipping in the audio except for the distortion from the tiny speaker at high audio levels ..which I totally understand!
>
> Thanks Dale and company!!
>
> 73 to all de Kent
> N8ZRD
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@> wrote:
> >
> > I have been using the XM1 for an hour or more tonight on 40M CW and SSB- just listening and see no ill effects of shorting resistor R80C. I am able to reduce the AF Gain by more

than 90 degrees from the position it was in before the mod.
> > As soon as I get time, I'll breadboard a dual op amp AGC conditioning circuit.
> >
> > Dale W4OP

1471. Re: Anyone selling an X1M or X1M Pro/Platinum in UK/EU?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-19 09:24:52 UTC
From: yo9irf
Topic: 1459 Message: 1471

I've sent you an email.

1472. Re: [X1M_QRP-Transceiver] Re: Anyone selling an X1M or X1M Pro/Platinum in UK/EU?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-19 09:45:03 UTC
From: Dani Novak
Topic: 1459 Message: 1472

Salut!

Just checked and I don't have an email from you yet - could you resend please?

Thanks,

Dani

On 19/09/2013 10:24, yo9irf wrote:
>
>
> I've sent you an email.
>
>

1473. X1M pro availability

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-19 09:47:57 UTC
From: Sourav
Topic: 1473 Message: 1473

Hi group,

I new here. I am very much interested in QRP !!
Pls suggest if the X1M Pro is available directly from any Chinese/ HK dealer.

Also what's it price..299usd + freight ??!!

74s,
Sourav VU3CGB

_____
Sent from my iPhone

1474. Re: Anyone selling an X1M or X1M Pro/Platinum in UK/EU?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-19 10:15:28 UTC
From: yo9irf
Topic: 1459 Message: 1474

The Yahoo Groups system might have issues again, can you leave me a direct email address ?
Mine are my callsign at gmail.com, or razvanfatu at gmail.com (both checked frequently).

--- In X1M_QRP-Transceiver@yahoogroups.com, Dani Novak <dani.novak.eu@...> wrote:
>
> Salut!
>
> Just checked and I don't have an email from you yet - could you resend
> please?
>
> Thanks,
>
> Dani
>
> On 19/09/2013 10:24, yo9irf wrote:
> >
> >
> > I've sent you an email.
> >
> >
>

1475. Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-19 12:35:47 UTC
From: Dale Parfitt
Topic: 1304 Message: 1475

Thanks for understanding Keith. I am a competitive distance runner- all my life. So I know the time that training takes.

Dale W4OP

----- Original Message -----
From: Keith Heimbold
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, September 18, 2013 2:35 PM
Subject: Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

No problem. Dale. I understand. I have my own company too and between family, triathlon training and business there is not a lot of ham radio time.

Let me know once you figure this out and you have some bandwidth.

73 & Thanks,

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Sep 18, 2013, at 11:20 AM, "Dale Parfitt" <parinc1@frontier.com> wrote:

☐

Let's wait and see how this turns out first. I am working 80+ hour weeks with my own company- so spare time is always short.

Dale W4OP
----- Original Message -----
From: Keith Heimbold
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, September 18, 2013 10:50 AM
Subject: Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Hi Dale,

Once you figure out the 1350 AGC mod would you be willing to do the mods on the units for hire. I am not a great technician but would like to get my X1M working as well as possible. I have an older model not the pro.

Thanks & 73,

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Sep 17, 2013, at 1:29 PM, "Dale Parfitt" <parinc1@...> wrote:

☐

I have been very busy here, but now that we have sufficient system gain, I have laid out an AGC circuit that should be easy to implement. Once finalized, I'll make up 30 or so SMD boards- about half the size of a postage stamp. Only 4 connections- +12, GND, AF in and AGC control voltage to the MC1350.
So let's hope the ckt performs as expected.

Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, September 17, 2013 4:19 PM
Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain

Can recommend the mod to every user of this little gem. Makes the rig much more usable.

Andy DC3AFA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6673 - Release Date: 09/17/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6677 - Release Date: 09/18/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6678 - Release Date: 09/18/13

1476. XM-1 Audio break up

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-19 16:16:07 UTC
From: Dale Parfitt
Topic: 1476 Message: 1476

Hi Perrin,
Quite odd. I did not think it was the LM386 per se, but it might have to do with the +9VDC regulated voltage being drawn by the IC
With the same modulated RF signal in and the AF Gain up sufficiently to cause the audio breakup, look at the input and output of U1A (7805) and the in/out of U2A (7809). These points are not easily accessed, so look at the +9 and +5 precision voltages where they are distributed on the top board. eg +9 is available on pin 6 of the LM386. U1A is near the edge of the bottom board and you should be able to get a probe on its output. The +5 is derived from the +9 regulator. There's more to check but let's start there.

Dale W4OP

----- Original Message -----
From: pezcat19
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, September 19, 2013 4:56 AM
Subject: [X1M_QRP-Transceiver] Re: Increased RX Gain

Hi all,

So my clipping problem seems to be an *actual* problem with my radio. :(

Here is a new video of my clipping problem:

http://youtu.be/udIN5-81J-0

Dale (or anyone else who may be able to help me): I put the radio on the work bench and set the radio on 7090 LSB. I injected RF with a 1KHz tone and set about looking around the LM386 with the CRO. I am seeing the audio start to clip on both the input (Pin 3) and output pin (Pin 5) of the LM386 (It almost looks like DC is appearing during the clipping, but my CRO is a crappy old 20Mhz unit which doesn't tell me much - it's just my 'observation'). At the volume pot, the audio clips the same way, both on the fixed input pin and the variable output, once the pot is turned up enough for the problem to start occurring.

Some observations around the LM386:

Pin 6 (Vs) = 8.8VDC
Pin 7 (Bypass) = around 4.4V DC, and sees some AC (sinewave-ish) activity when the clipping occurs.

Does anyone have some ideas for me? Do the measurements I have made seen / voltages seem OK? If so, where should I look next?

Thanks in advance guys,

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, kelandis@... wrote:
>
> Just did the Rx gain mod to mine as well....huge difference...makes the rig so much easier to listen to!
>
> I am noticing No artifacts or clipping in the audio except for the distortion from the tiny speaker at high audio levels ..which I totally understand!
>
> Thanks Dale and company!!
>
> 73 to all de Kent
> N8ZRD
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@> wrote:
> >
> > I have been using the XM1 for an hour or more tonight on 40M CW and SSB- just listening and see no ill effects of shorting resistor R80C. I am able to reduce the AF Gain by more than 90 degrees from the position it was in before the mod.
> > As soon as I get time, I'll breadboard a dual op amp AGC conditioning circuit.
> >
> > Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6679 - Release Date: 09/19/13

1477. Re: [X1M_QRP-Transceiver] Re: Anyone selling an X1M or X1M Pro/Platinum in UK/EU?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-19 17:22:26 UTC
From: John N Jeanne Meeks
Topic: 1459 Message: 1477

Resending. Hopefully this works.

John

_____
From: Dani Novak <dani.novak.eu@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, September 19, 2013 2:45 AM
Subject: Re: [X1M_QRP-Transceiver] Re: Anyone selling an X1M or X1M Pro/Platinum in UK/EU?

Salut!

Just checked and I don't have an email from you yet - could you
resend please?

Thanks,

Dani

On 19/09/2013 10:24, yo9irf wrote:

>
>I've sent you an email.
>
>

1478. X1M for sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-19 18:05:38 UTC
From: sbjohnston@...
Topic: 1478 Message: 1478

FOR SALE -

X1M transceiver purchased by me at the Dayton show this spring. Shortly after purchase I successfully adjusted the frequencies of the various offsets to get the radio operating correctly on both sidebands, and have adjusted the CW sidetone and mic levels for good performance. I also added access holes in the case for these adjustments so future operators will not need to open the case to make changes. These access ports were made using the same technique as the other holes in the case - they look nice.

I've made numerous contacts on both CW and SSB with this rig - after my adjustments it works as specified. Why sell it? It bothers me that the transmit bandpass filters kick out on the high end of 80 and 40 meters. But this is probably not an issue for many other users.

X1M transceiver tuned and ready to use - $290 postpaid to the continental USA.

Contact me at sbjohnston@... if you'd like to buy this rig.

Steve WD8DAS

sbjohnston@...
http://www.wd8das.net/

Radio is your best entertainment value.

1479. Re: XM-1 Audio break up

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-20 11:25:18 UTC
From: pezcat19
Topic: 1476 Message: 1479

Thanks Dale,

I will do this over the weekend and I will report back. I know that the +9v point, pin 6 on the LM386 remains constant at around +8.8v and does not seem to change when the clipping / audio break up occurs... (Is 8.8v typical and acceptable? I am guessing +8.8 is OK.)

I really appreciate your help, especially with how busy you are on other commitments/projects! (As a side note, an EF-10-20-40 and an FX-4 are on my Christmas list.. That is another thread all together though!)

73

Perrin VK3XPT

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Hi Perrin,
> Quite odd. I did not think it was the LM386 per se, but it might have to do with the +9VDC regulated voltage being drawn by the IC
> With the same modulated RF signal in and the AF Gain up sufficiently to cause the audio breakup, look at the input and output of U1A (7805) and the in/out of U2A (7809). These points are not easily accessed, so look at the +9 and +5 precision voltages where they are distributed on the top board. eg +9 is available on pin 6 of the LM386. U1A is near the edge of the bottom board and you should be able to get a probe on its output. The +5 is derived from the +9 regulator. There's more to check but let's start there.
>
> Dale W4OP
>

1480. Re: Anyone selling an X1M or X1M Pro/Platinum in UK/EU?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-20 12:26:58 UTC
From: Scholz, Marco
Topic: 1459 Message: 1480

Hello,
Please can you drop an email to dd7pc@...<mailto:dd7pc@...>?

vy73
Marco

1481. X1MPRO V.1.00b, how many memories ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-20 16:05:57 UTC
From: ip_56
Topic: 1481 Message: 1481

Hi,

how many memories are in the X1MPRO V.1.00b - 100 or 32 ??

I can only find 32 memory locations !

Ingo, DL3HQN

1482. Re: [X1M_QRP-Transceiver] X1MPRO V.1.00b, how many memories ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-20 17:03:37 UTC
From: Charlie , W5COV
Topic: 1481 Message: 1482

There are 32 for each VFO , I believe.

Charlie , W5COV
On 9/20/2013 11:05 AM, ip_56 wrote:
>
> Hi,
>
> how many memories are in the X1MPRO V.1.00b - 100 or 32 ??
>
> I can only find 32 memory locations !
>
> Ingo, DL3HQN
>
>

1483. Question about DB9 and LPF connections

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-20 19:20:56 UTC
From: <neilgoldstein@...>
Topic: 1483 Message: 1483

I've seen in the schematics, and heard talk in the group that refer to some of the pins of the DB9 connector being linked to the LPF/BPF filter relays. I have one of the original models, and I'm wondering how I would use this to manually trigger the relays. Do the various pins need to be shorted to ground, or do they need voltage applied to trigger the relays, and if so, ho much?. I would love to be able to manually trigger the 40M and 75M relays to extend the filtered coverage to the USA band limits.

1484. Re: [X1M_QRP-Transceiver] Question about DB9 and LPF connections

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-20 19:45:46 UTC
From: Charlie , W5COV
Topic: 1483 Message: 1484

Well the coils are 5 VDC and contacts shown normally open for bands not in use . So you would have to select both relays for ONLY the band that you wanted to use . You can see all of the details on a single schematic page dedicated to that section. Looks like the 5 volts is always on the relays . Relays will need to be energized for your band of choice.

It is the TX Filter drawing .

The schematic is in the files section .

My eyesight is very poor so you might have a look yourself and have someone else verify this .

Charlie , W5COV

On 9/20/2013 2:20 PM, neilgoldstein@... wrote:
>
> I've seen in the schematics, and heard talk in the group that refer to
> some of the pins of the DB9 connector being linked to the LPF/BPF
> filter relays. I have one of the original models, and I'm wondering
> how I would use this to manually trigger the relays. Do the various
> pins need to be shorted to ground, or do they need voltage applied to
> trigger the relays, and if so, ho much?. I would love to be able to
> manually trigger the 40M and 75M relays to extend the filtered
> coverage to the USA band limits.
>
>

1485. Re: [X1M_QRP-Transceiver] Question about DB9 and LPF connections

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-20 20:39:20 UTC
From: Dale Parfitt
Topic: 1483 Message: 1485

You can see the LPF to DB9 connections on the schematic page. The relays have +5 on them- by grounding the other end through the DB9 you energize different relays. I have not studied this at all- but am not sure how you would deselect the relay that the micro is connecting for a given band through software..

This is not the proper solution anyway. The answer is to redesign the 80 and 40M filters so that they properly pass the upper portions of 40 and 80M.

Dale W4OP
----- Original Message -----
From: neilgoldstein@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, September 20, 2013 3:20 PM
Subject: [X1M_QRP-Transceiver] Question about DB9 and LPF connections

I've seen in the schematics, and heard talk in the group that refer to some of the pins of the DB9 connector being linked to the LPF/BPF filter relays. I have one of the original models, and I'm wondering how I would use this to manually trigger the relays. Do the various pins need to be shorted to ground, or do they need voltage applied to trigger the relays, and if so, ho much?. I would love to be able to manually trigger the 40M and 75M relays to extend the filtered coverage to the USA band limits.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6682 - Release Date: 09/19/13

1486. RE: [X1M_QRP-Transceiver] X1MPRO V.1.00b, how many memories ???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-20 21:04:54 UTC
From: Fred VE3FAL
Topic: 1481 Message: 1486

32 per VFO for a total of 64....

Fred
VE3FAL

-----Original Message-----
From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ip_56
Sent: September 20, 2013 12:06 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1MPRO V.1.00b, how many memories ???

Hi,

how many memories are in the X1MPRO V.1.00b - 100 or 32 ??

I can only find 32 memory locations !

Ingo, DL3HQN

Yahoo! Groups Links

1487. Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-21 04:47:13 UTC
From: Charlie , W5COV
Topic: 1193 Message: 1487

Any new or updated information on how this project is coming along ?

Inquiring minds want to know :)

Charlie , W5COV

On 9/4/2013 12:49 PM, orders@... wrote:
>
> I bit the bullet and ordered a ssm2167 on a breakout board from them.
> I decided against soiling my playing with bad soldering fruseration
> for the moment and instead will forgo the extra coffee one day. I'm
> thinking and inline version would be the most useful to start out --
> plug the mic into the inline box and then have a tail from the board
> into the rig. There isn't any room in the rig to stick it easily
> and putting it directly into the mic would limit it to one circuit per
> mic... also not flexible. The other option is a larger block in the
> middle of the mic cable but that seems the wrong way.
>
> Anyone have any thoughts on a performed form factor for it?
>
> -Chris
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:
>
> BTW digikey part number for the SSM2167 is SSM2167-1RMZ-REELCT-ND
> <http://www.digikey.com/product-detail/en/SSM2167-1RMZ-REEL/SSM2167-1RMZ-REELCT-ND/1628139>
>
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> wrote:
>
> Oops, my mistake.Â I bought mine from a different seller
> 190593669424Â Must be old timers disease kicking in again.
>
> Lee â☐☐ N9LO
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Bill Maxwell
> *Sent:* Tuesday, September 03, 2013 12:19 AM
> *To:* X1M_QRP-Transceiver@yahoogroups.com

> *Subject:* Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory
> Circuit' Idea to Increase SSB Output
>
> Didn't see the chips in that seller's store, Lee. Can you give us the
> item number for them, please.
>
> Bill, VK7MX
>
> On 3/09/2013 4:14 AM, Lee wrote:
>
> I ordered 2 of the chips on eBay, just in case I kill one, and
> some chip adapter boards from the same seller. Put item number
> 181138215223 in the search box to see then.
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *orders@...
> *Sent:* Monday, September 02, 2013 11:54 AM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory
> Circuit' Idea to Increase SSB Output
>
> The more and more I look at this the more and more I want to play
> with little chip but it is in a tiny tiny MSOP package. And my
> soldering skills/hand steadiness is NO WHERE near close enough to
> jump right in. Anyone have a great easy way to put an MSOP chip
> onto a breadboard or anything like that? I've seen some 'easy'
> convertors for SMD chips but none for MSOP -- and I guess I
> haven't looked to see if they would work. Anyway -- if anyone has
> any great suggestions I'd appreciate it!
>
> -Chris
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:
>
> Thank Ken! Yup I'm thinking with 5 w I'm going to want the most
> talk power for the punch of my voice. Although I haven't done the
> math to see the difference between 0.5w and 5w. if my db brain
> remembers it probably isn't that much ! much like the difference
> between 5w and 100w ;) But I suspect it is bigger if I compare 0.5
> w to 100w ;) And the goal is to get it as compressed and gained
> right to point before degrading! And we will see where that lands
> me! And to top that off the neighbor in the new apartment is
> really sensitive to me talking at night -- she has come twice at
> 1am to ask me to keep it down while conversing with a friend at
> lower than normal voices already. So the more punch I can get out
> of the mic at lower levels the more I can work in the nighhhhhhht!
>

> And thanks for the thumbs up I'm loving the trip!
>
> -Chris
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <krtdowns@...> wrote:
>
> Great attitude, Chris! I'm not familiar with that IC, but it
> sounds as though it has the functions you are seeking. Reasonable
> compression will add substantially to your "talk power." Like most
> things, it can be overdone and degrade your signal. Sounds as
> though you are tackling the learning opportunities this little rig
> offers with zest and enthusiasm. Have fun and enjoy the trip!
>
> Ken, W1KRT
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:
>
> Man oh Man! Am I loving this little rig! Not because it is
> perfect and a great value out of the box but for the exact
> reason I bit the bullet and bought it before it was all
> polished: Great learning rig! Every time some limit or
> question is hit I have a reason to go digging and exploring
> around in the bits that make radios tick. I'll be happy to get
> my fully functioning rig to actual work on the air but this is
> a little gem in my eyes for crackin' open the door to learning
> about radios!
>
> Anyway, my newest exploration is around the audio and SSB and
> this little fellar. From what Ed has walked me through I'm
> beating down the path that the radio WILL transmit 5w PEP on
> SSB .. the mic, gain, compression, preamp, etc are the
> limiting factor to making this usable out of the box. I'm
> currently playing down the path that the gain adjustment in
> the rig will be sufficient if I can compress the audio so more
> of it is towards the 5W 'section'. During my dive into this
> sort of theory I can across this little gem of a chip:
>
> http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html
>
> Hot diggly! An IC that does compression, noise gating, and
> conditioning all on one chip! And the ratio being controlled
> by a single resistor.....
>
> I've got plenty more to do to see if this theory will be valid
> in the x1m and how it all fits together but I'm loving this
> rig just for giving me framework to explore and ask about this

> things. Before this little fella and my trying to test if the
> SSB output was 'good' and if I needed to send it back
> everything was just words and now its all tying together.
> Having a ball!
>
> Anyway, wanted to throw that IC out to the group in case
> anyone wanted to pick up a ball around it and run with me
> too. I'm dreaming of a tiny little circuit that can go inline
> (or inside if you choose) the mic line and the radio. Set the
> compression, adjust the gain on the inside of the radio. And
> BAM an external mod that can be used with other mics, etc but
> is small enough to stay portable.
>
> -Chris
>
> KC8MUS
>
>

1488. RE: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-21 15:48:00 UTC
From: Lee
Topic: 1193 Message: 1488

I am working one also. I soldered it to the carrier board, lots of fun for old eyes, and have a test board almost done. I have to put the input capacitor on but I have been busy with other stuff. I put 2 potentiometers for the compression and threshold adjustments. They will be replaced with fixed resistors after experimentation. I hope Monday I will feed it with a 1khz 50mv signal to play with the compression settings and then reduce to 10mv to play with the threshold settings while watching on my pocket oscilloscope. After that I'll plug in a microphone watch it output and tweak if necessary. I really do not know what I am doing here but I've been having fun reading and soldering.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: Friday, September 20, 2013 11:47 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Any new or updated information on how this project is coming along ?

Inquiring minds want to know :)

Charlie , W5COV

On 9/4/2013 12:49 PM, orders@... wrote:

I bit the bullet and ordered a ssm2167 on a breakout board from them. I decided against soiling my playing with bad soldering fruseration for the moment and instead will forgo the extra coffee one day. I'm thinking and inline version would be the most useful to start out -- plug the mic into the inline box and then have a tail from the board into the rig. There isn't any room in the rig to stick it easily and putting it directly into the mic would limit it to one circuit per mic... also not flexible. The other option is a larger block in the middle of the mic cable but that seems the wrong way.

Anyone have any thoughts on a performed form factor for it?

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <mailto:orders@...> <orders@...> wrote:

BTW digikey part number for the SSM2167 is <http://www.digikey.com/product-detail/en/SSM2167-1RMZ-REEL/SSM2167-1RMZ-REELCT-ND/1628139> SSM2167-1RMZ-REELCT-ND

--- In x1m_qrp-transceiver@yahoogroups.com, <mailto:mr.olson@...> <mr.olson@...> wrote:

Oops, my mistake.Â I bought mine from a different seller 190593669424Â Must be old timers disease kicking in again.

Lee â€“ N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Bill Maxwell
Sent: Tuesday, September 03, 2013 12:19 AM
To: X1M_QRP-Transceiver@...m
Subject: Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Didn't see the chips in that seller's store, Lee. Can you give us the item number for them, please.

Bill, VK7MX

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The more and more I look at this the more and more I want to play with little chip but it is in a tiny tiny MSOP package. And my soldering skills/hand steadiness is NO WHERE near close enough to jump right in. Anyone have a great easy way to put an MSOP chip onto a breadboard or anything like that? I've seen some 'easy' convertors for SMD chips but none for MSOP -- and I guess I haven't looked to see if they would work. Anyway -- if anyone has any great suggestions I'd appreciate it!

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http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html

Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

I've got plenty more to do to see if this theory will be valid in the x1m and how it all fits together but I'm loving this rig just for giving me framework to explore and ask about this things. Before this little fella and my trying to test if the SSB output was 'good' and if I needed to send it back everything was just words and now its all tying together. Having a ball!

Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

-Chris

KC8MUS

1489. Blank X1M Cases

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-21 16:08:27 UTC
From: <parinc1@...>
Topic: 1489 Message: 1489

For those of you that might be interested in building external filter banks, power amps, transverters, tuners, power supplies etc, you may buy the identical black extruded cabinet on eBay- item # 370645750442

These cabinets are a bit shorter, but likely the seller can chop them to your length.

Have fun,

Dale W4OP

1490. RE: Question about DB9 and LPF connections

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-21 16:49:59 UTC
From: <parinc1@...>
Topic: 1483 Message: 1490

I just checked the power out across 40M and 80M in CW mode (using my spectrum analyzer) and find it to be within 0.1dB. This is the PRO version.
This is excellent. In fact 80M was even less than 0.1dB

W5COV: I recall your LPF toroid turns counts were the same for all bands except 15M when comparing the X1M to the PRO Version. Have you been able to confirm the C values in the LPF's are also identical?

The poster who commented on Po rolloff on the upper end of 80 and 40- can you detail your measurement methods and rig version/

Tnx,

Dale W4OP

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
You can see the LPF to DB9 connections on the schematic page. The relays have +5 on them- by grounding the other end through the DB9 you energize different relays. I have not studied this at all- but am not sure how you would deselect the relay that the micro is connecting for a given band through software..

This is not the proper solution anyway. The answer is to redesign the 80 and 40M filters so that they properly pass the upper portions of 40 and 80M.

Dale W4OP

----- Original Message -----

From: neilgoldstein@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday, September 20, 2013 3:20 PM

Subject: [X1M_QRP-Transceiver] Question about DB9 and LPF connections

I've seen in the schematics, and heard talk in the group that refer to some of the pins of the DB9 connector being linked to the LPF/BPF filter relays. I have one of the original models, and I'm wondering how I would use this to manually trigger the relays. Do the various pins need to be shorted to ground, or do they need voltage applied to trigger the relays, and if so, ho much?. I would love to be able to manually trigger the 40M and 75M relays to extend the filtered coverage to the USA band limits.

No virus found in this message.
Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2013.0.3408 / Virus Database: 3222/6682 - Release Date: 09/19/13

1491. Re: [X1M_QRP-Transceiver] RE: Question about DB9 and LPF connections

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-21 18:21:50 UTC
From: Charlie , W5COV
Topic: 1483 Message: 1491

No I haven't Dale . The X1M I will do tonight and the Pro is a bit more difficult since they are SMT .Suggestions on measuring them would be appreciated hopefully short of unsoldering and soldering them back which I can and will do if it will help everyone . I just prefer a simpler approach .<grin>

Those results aren't going to get any more linear than that !! You are right that is excellent !!

Charlie , W5COV

On 9/21/2013 11:49 AM, parinc1@... wrote:
>
> I just checked the power out across 40M and 80M in CW mode (using my
> spectrum analyzer) and find it to be within 0.1dB. This is the PRO
> version.
>
> This is excellent. In fact 80M was even less than 0.1dB
>
>
> W5COV: I recall your LPF toroid turns counts were the same for all
> bands except 15M when comparing the X1M to the PRO Version. Have you
> been able to confirm the C values in the LPF's are also identical?
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> can you detail your measurement methods and rig version/
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>
> Tnx,
>
>
> Dale W4OP
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:
>
> □
> You can see the LPF to DB9 connections on the schematic page. The
> relays have +5 on them- by grounding the other end through the DB9
> you energize different relays. I have not studied this at all- but am
> not sure how you would deselect the relay that the micro is connecting
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> This is not the proper solution anyway. The answer is to redesign the
> 80 and 40M filters so that they properly pass the upper portions of 40
> and 80M.
> Dale W4OP
>
> ----- Original Message -----
> *From:* neilgoldstein@... <mailto:neilgoldstein@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Friday, September 20, 2013 3:20 PM
> *Subject:* [X1M_QRP-Transceiver] Question about DB9 and LPF
> connections
>
> I've seen in the schematics, and heard talk in the group that
> refer to some of the pins of the DB9 connector being linked to
> the LPF/BPF filter relays. I have one of the original models,
> and I'm wondering how I would use this to manually trigger the
> relays. Do the various pins need to be shorted to ground, or
> do they need voltage applied to trigger the relays, and if so,
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> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2013.0.3408 / Virus Database: 3222/6682 - Release
> Date: 09/19/13
>
>

1492. Re: [X1M_QRP-Transceiver] RE: Question about DB9 and LPF connections

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-21 18:35:27 UTC
From: Dale Parfitt
Topic: 1483 Message: 1492

Thanks Charlie,
Let's hold off until we hear from the fellow who was having issues on the upper ends of 80 and 40M.
The power out by the way was 5.6W on CW. My bench supply is set at 13.0VDC.

Dale W4OP

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, September 21, 2013 2:21 PM
Subject: Re: [X1M_QRP-Transceiver] RE: Question about DB9 and LPF connections

No I haven't Dale . The X1M I will do tonight and the Pro is a bit more difficult since they are SMT .Suggestions on measuring them would be appreciated hopefully short of unsoldering and soldering them back which I can and will do if it will help everyone . I just prefer a simpler approach .<grin>

Those results aren't going to get any more linear than that !! You are right that is excellent !!

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W5COV: I recall your LPF toroid turns counts were the same for all bands except 15M when comparing the X1M to the PRO Version. Have you been able to confirm the C values in the LPF's are also identical?

The poster who commented on Po rolloff on the upper end of 80 and 40- can you detail your measurement methods and rig version/

Tnx,

Dale W4OP

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
You can see the LPF to DB9 connections on the schematic page. The relays have +5 on them- by grounding the other end through the DB9 you energize different relays. I have not studied this at all- but am not sure how you would

deselect the relay that the micro is connecting for a given band through software..

This is not the proper solution anyway. The answer is to redesign the 80 and 40M filters so that they properly pass the upper portions of 40 and 80M.

Dale W4OP
----- Original Message -----
From: neilgoldstein@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, September 20, 2013 3:20 PM
Subject: [X1M_QRP-Transceiver] Question about DB9 and LPF connections

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6682 - Release Date: 09/19/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4117 / Virus Database: 3604/6687 - Release Date: 09/21/13

1493. X1M PC Cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-22 02:52:31 UTC
From: <ianrob@...>
Topic: 1493 Message: 1493

Hello,

I an a newbie to this group, to HF operation and to owning an X1M.

As a "grey nomad" I purchased the X1M to take on the road in our caravan, and have just completed making a vertical antenna with a collapsible 10m Squid pole

I have a question I hope someone on the group can answer...

I have a 9 pin to USB lead. The only marking on it is "HL 340". Does anyone know if this is suitable to use with the X1M and HRD? (i.e. is it TTL and not RS232) I don't really know the difference, however I'm told it must be TTL for the X1M.
Is there a way to test? e.g. voltage pin out config etc?
Regards,
Ian (VK3YIC)

1494. RE: [X1M_QRP-Transceiver] X1M PC Cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-22 03:16:56 UTC
From: Lee
Topic: 1493 Message: 1494

I just googled HL 340 for you and it is a RS232 and will not work. You need TTL level. Are you a newbie to Google too?

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ianrob@...
Sent: Saturday, September 21, 2013 9:53 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M PC Cable

Hello,

I an a newbie to this group, to HF operation and to owning an X1M.

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Is there a way to test? e.g. voltage pin out config etc?

Regards,

Ian (VK3YIC)

1495. Re: [X1M_QRP-Transceiver] X1M PC Cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-22 03:23:07 UTC
From: Charlie , W5COV
Topic: 1493 Message: 1495

I am assuming that unless it is something that you built yourself , it is one of the commonly available adapters and will NOT work without the TTL interface for the X1M . You can see them at www.importcommunications.com

It is not something that you have to have immediately so you can order one . You will hopefully need it at some point to upgrade the firmware and it is also required if you plan to do partial rig control from the Ham Radio Deluxe , software .

Charlie , W5COV

On 9/21/2013 9:52 PM, ianrob@... wrote:
>
> Hello,
>
> I an a newbie to this group, to HF operation and to owning an X1M.
>
> As a "grey nomad" I purchased the X1M to take on the road in our
> caravan, and have just completed making a vertical antenna with a
> collapsible 10m Squid pole
>
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>
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> anyone know if this is suitable to use with the X1M and HRD? (i.e. is
> it TTL and not RS232) I don't really know the difference, however I'm
> told it must be TTL for the X1M.
>
> Is there a way to test? e.g. voltage pin out config etc?
>
> Regards,
>
> Ian (VK3YIC)
>
>

1496. RE: [X1M_QRP-Transceiver] X1M PC Cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-22 07:39:26 UTC
From: Ian Coots
Topic: 1493 Message: 1496
Attachments: 1 described; binary payloads are missing from this source WARC

Not a newbie to Google Lee, but all I could seem to see were drivers for the HL340…nothing definitive to say it was rs232. I also thought it was worth asking the question as there might be some adaptor available that people with more knowledge than I may know about.

Regards,

Ian Coots

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
Sent: Sunday, 22 September 2013 1:17 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] X1M PC Cable

I just googled HL 340 for you and it is a RS232 and will not work. You need TTL level. Are you a newbie to Google too?

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ianrob@...
Sent: Saturday, September 21, 2013 9:53 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M PC Cable

Hello,

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Is there a way to test? e.g. voltage pin out config etc?

Regards,

Ian (VK3YIC)

1497. Re: XM-1 Audio break up

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-22 12:57:48 UTC
From: pezcat19
Topic: 1476 Message: 1497

Hi Dale,

I managed to have another look at my X1M-PRO and here are the findings:

The regulator output pins for the 9V and 5V regs are +8.85V, and +5.04V respectively. There is no noticeable change in voltage when the radio goes into Audio "breakup".

Apart from the 9V regulator being 'slightly' low, I have not seen anything that jumps out at me yet.

Here are 2 things I have noticed:

- There is +4.43V DC on the LM386 output pin. Is this normal?

- When I touch my multimeter probe on either Pin 1, 2 or 5 of the LM386 I hear AM BC stations. :)

I am not sure what to try / do / check next. Any further advice that you, or anyone else on the group can give me would be greatly appreciated.

73, Perrin

PS- I just ordered an EFT-10/20/40 Trail Friendly. I'm looking forward to using this one!

--- In X1M_QRP-Transceiver@yahoogroups.com, "pezcat19" <pezcat19@...> wrote:
>
> Thanks Dale,
>
> I will do this over the weekend and I will report back. I know that the +9v point, pin 6 on the LM386 remains constant at around +8.8v and does not seem to change when the clipping / audio break up occurs... (Is 8.8v typical and acceptable? I am guessing +8.8 is OK.)
>
> I really appreciate your help, especially with how busy you are on other commitments/projects! (As a side note, an EF-10-20-40 and an FX-4 are on my Christmas list.. That is another thread all together though!)
>
> 73
>
> Perrin VK3XPT
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@> wrote:
> >
> > Hi Perrin,
> > Quite odd. I did not think it was the LM386 per se, but it might have to do with the +9VDC regulated voltage being drawn by the IC
> > With the same modulated RF signal in and the AF Gain up sufficiently to cause the audio

breakup, look at the input and output of U1A (7805) and the in/out of U2A (7809). These points are not easily accessed, so look at the +9 and +5 precision voltages where they are distributed on the top board. eg +9 is available on pin 6 of the LM386. U1A is near the edge of the bottom board and you should be able to get a probe on its output. The +5 is derived from the +9 regulator. There's more to check but let's start there.
> >
> > Dale W4OP
> >
>

1498. RE: [X1M_QRP-Transceiver] X1M PC Cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-22 13:20:41 UTC
From: Lee
Topic: 1493 Message: 1498
Attachments: 1 described; binary payloads are missing from this source WARC

The google comment was only meant as a joke. I made my own interface using this cable. Please search ebay for item number 251299940298

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots
Sent: Sunday, September 22, 2013 2:39 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] X1M PC Cable

Not a newbie to Google Lee, but all I could seem to see were drivers for the HL340…nothing definitive to say it was rs232. I also thought it was worth asking the question as there might be some adaptor available that people with more knowledge than I may know about.

Regards,

Ian Coots

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
Sent: Sunday, 22 September 2013 1:17 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] X1M PC Cable

I just googled HL 340 for you and it is a RS232 and will not work. You need TTL level. Are you a newbie to Google too?

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ianrob@...
Sent: Saturday, September 21, 2013 9:53 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M PC Cable

Hello,

I an a newbie to this group, to HF operation and to owning an X1M.

As a "grey nomad" I purchased the X1M to take on the road in our caravan, and have just completed making a vertical antenna with a collapsible 10m Squid pole

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Is there a way to test? e.g. voltage pin out config etc?

Regards,

Ian (VK3YIC)

1499. RE: [X1M_QRP-Transceiver] X1M PC Cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-22 14:27:47 UTC
From: Lee
Topic: 1493 Message: 1499
Attachments: 1 described; binary payloads are missing from this source WARC

Here is the pin out I used for this TTL cable

Pin 2 of DB9 to USB TTL Adapter TXD White wire

Pin 3 of DB9 to USB TTL Adapter RXD Green Wire

Pin 5 of DB9 to USB TTL Adapter GND Black Wire

Red Wire not used. The wire colors might be different on various USB TTL Adapters.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots
Sent: Sunday, September 22, 2013 2:39 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] X1M PC Cable

Not a newbie to Google Lee, but all I could seem to see were drivers for the HL340…nothing definitive to say it was rs232. I also thought it was worth asking the question as there might be some adaptor available that people with more knowledge than I may know about.

Regards,

Ian Coots

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
Sent: Sunday, 22 September 2013 1:17 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] X1M PC Cable

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Sent: Saturday, September 21, 2013 9:53 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M PC Cable

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1500. Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-22 15:36:02 UTC
From: M_AND_R_SHAREF
Topic: 1193 Message: 1500

I use to do all my operating late at night. CW and head phones are the way
to go if you want to stay married. HI 73

On Sat, Sep 21, 2013 at 12:47 AM, Charlie , W5COV <cvest@...> wrote:

> **
>
>
> Any new or updated information on how this project is coming along ?
>
> Inquiring minds want to know :)
>
> Charlie , W5COV
>
>
> On 9/4/2013 12:49 PM, orders@... wrote:
>
>
>
> I bit the bullet and ordered a ssm2167 on a breakout board from them. I
> decided against soiling my playing with bad soldering fruseration for the
> moment and instead will forgo the extra coffee one day. I'm thinking and
> inline version would be the most useful to start out -- plug the mic into
> the inline box and then have a tail from the board into the rig. There
> isn't any room in the rig to stick it easily and putting it directly into
> the mic would limit it to one circuit per mic... also not flexible. The
> other option is a larger block in the middle of the mic cable but that
> seems the wrong way.
>
>
>
> Anyone have any thoughts on a performed form factor for it?
>
> -Chris
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> <orders@...>wrote:
>
> BTW digikey part number for the SSM2167 is SSM2167-1RMZ-REELCT-ND<http://www.digikey.com
/product-detail/en/SSM2167-1RMZ-REEL/SSM2167-1RMZ-REELCT-ND/1628139>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> <mr.olson@...>wrote:
>

> Oops, my mistake.Â I bought mine from a different seller 190593669424Â
> Must be old timers disease kicking in again.
>
>
>
> Lee â€“ N9LO
>
>
>
> *From:* X1M_QRP-Transceiver@yahoogroups.com [
> mailto:X1M_QRP-Transceiver@yahoogroups.com<X1M_QRP-Transceiver@yahoogroups.com>]
> *On Behalf Of *Bill Maxwell
> *Sent:* Tuesday, September 03, 2013 12:19 AM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory
> Circuit' Idea to Increase SSB Output
>
>
>
>
>
> Didn't see the chips in that seller's store, Lee. Can you give us the item
> number for them, please.
>
> Bill, VK7MX
>
> On 3/09/2013 4:14 AM, Lee wrote:
>
> I ordered 2 of the chips on eBay, just in case I kill one, and some chip
> adapter boards from the same seller. Put item number 181138215223 in
> the search box to see then.
>
>
>
> *From:* X1M_QRP-Transceiver@yahoogroups.com [
> mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *orders@...
> *Sent:* Monday, September 02, 2013 11:54 AM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory
> Circuit' Idea to Increase SSB Output
>
>
>
>
>
> The more and more I look at this the more and more I want to play with
> little chip but it is in a tiny tiny MSOP package. And my soldering
> skills/hand steadiness is NO WHERE near close enough to jump right in.
> Anyone have a great easy way to put an MSOP chip onto a breadboard or
> anything like that? I've seen some 'easy' convertors for SMD chips but none

> for MSOP -- and I guess I haven't looked to see if they would work. Anyway
> -- if anyone has any great suggestions I'd appreciate it!
>
>
>
> -Chris
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:
>
> Thank Ken! Yup I'm thinking with 5 w I'm going to want the most talk power
> for the punch of my voice. Although I haven't done the math to see the
> difference between 0.5w and 5w. if my db brain remembers it probably isn't
> that much ! much like the difference between 5w and 100w ;) But I suspect
> it is bigger if I compare 0.5 w to 100w ;) And the goal is to get it as
> compressed and gained right to point before degrading! And we will see
> where that lands me! And to top that off the neighbor in the new apartment
> is really sensitive to me talking at night -- she has come twice at 1am to
> ask me to keep it down while conversing with a friend at lower than normal
> voices already. So the more punch I can get out of the mic at lower levels
> the more I can work in the nighhhhhhht!
>
>
>
> And thanks for the thumbs up I'm loving the trip!
>
> -Chris
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <krtdowns@...> wrote:
>
> Great attitude, Chris! I'm not familiar with that IC, but it sounds as
> though it has the functions you are seeking. Reasonable compression will
> add substantially to your "talk power." Like most things, it can be
> overdone and degrade your signal. Sounds as though you are tackling the
> learning opportunities this little rig offers with zest and enthusiasm.
> Have fun and enjoy the trip!
>
> Ken, W1KRT
>
>
>
>
>
>
>
> --- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:
>
> Man oh Man! Am I loving this little rig! Not because it is perfect and a

> great value out of the box but for the exact reason I bit the bullet and
> bought it before it was all polished: Great learning rig! Every time some
> limit or question is hit I have a reason to go digging and exploring around
> in the bits that make radios tick. I'll be happy to get my fully
> functioning rig to actual work on the air but this is a little gem in my
> eyes for crackin' open the door to learning about radios!
>
>
>
> Anyway, my newest exploration is around the audio and SSB and this little
> fellar. From what Ed has walked me through I'm beating down the path that
> the radio WILL transmit 5w PEP on SSB .. the mic, gain, compression,
> preamp, etc are the limiting factor to making this usable out of the box.
> I'm currently playing down the path that the gain adjustment in the rig
> will be sufficient if I can compress the audio so more of it is towards the
> 5W 'section'. During my dive into this sort of theory I can across this
> little gem of a chip:
>
>
> http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.h
tml
>
>
>
> Hot diggly! An IC that does compression, noise gating, and conditioning
> all on one chip! And the ratio being controlled by a single resistor.....
>
>
>
> I've got plenty more to do to see if this theory will be valid in the x1m
> and how it all fits together but I'm loving this rig just for giving me
> framework to explore and ask about this things. Before this little fella
> and my trying to test if the SSB output was 'good' and if I needed to send
> it back everything was just words and now its all tying together. Having a
> ball!
>
>
>
> Anyway, wanted to throw that IC out to the group in case anyone wanted to
> pick up a ball around it and run with me too. I'm dreaming of a tiny
> little circuit that can go inline (or inside if you choose) the mic line
> and the radio. Set the compression, adjust the gain on the inside of the
> radio. And BAM an external mod that can be used with other mics, etc but is
> small enough to stay portable.
>
>
>
> -Chris
>
> KC8MUS

>
>
>
>
>
>

1501. Re: [X1M_QRP-Transceiver] RE: Question about DB9 and LPF connections

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-22 15:45:11 UTC
From: Charlie , W5COV
Topic: 1483 Message: 1501

Dale can you believe this didn't arrive until a time stamp of 9:30 this morning ?? Yahoo is still really messed up . I like the idea of running the radio at 13.0 VDC and seeing those numbers . Lower voltage might be interesting .

I think perhaps the early model might benefit from running on a lower voltage , but I haven't taken power supply verses output power readings yet .

With everyone's input like yours and Perrin's numbers , and any posted by anyone else , we can start putting together quite a tech / BASIC service manual on this rig .

We do need to hear about the low output again om 80 and 40 to see if that was an early model , since I / we can verify the toroids and windings , plus capacitors , and perhaps help him correct the filters .

Charlie , W5COV

On 9/21/2013 1:35 PM, Dale Parfitt wrote:
>
> □
>
> Thanks Charlie,
> Let's hold off until we hear from the fellow who was having issues on
> the upper ends of 80 and 40M.
> The power out by the way was 5.6W on CW. My bench supply is set at
> 13.0VDC.
> Dale W4OP
> Dale W4OP
>
> ----- Original Message -----
> *From:* Charlie , W5COV <mailto:cvest@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Saturday, September 21, 2013 2:21 PM
> *Subject:* Re: [X1M_QRP-Transceiver] RE: Question about DB9 and
> LPF connections
>
> No I haven't Dale . The X1M I will do tonight and the Pro is a bit
> more difficult since they are SMT .Suggestions on measuring them
> would be appreciated hopefully short of unsoldering and soldering
> them back which I can and will do if it will help everyone . I
> just prefer a simpler approach .<grin>

>
> Those results aren't going to get any more linear than that !! You
> are right that is excellent !!
>
> Charlie , W5COV
>
> On 9/21/2013 11:49 AM, parinc1@... wrote:
>>
>> I just checked the power out across 40M and 80M in CW mode (using
>> my spectrum analyzer) and find it to be within 0.1dB. This is the
>> PRO version.
>>
>> This is excellent. In fact 80M was even less than 0.1dB
>>
>>
>> W5COV: I recall your LPF toroid turns counts were the same for
>> all bands except 15M when comparing the X1M to the PRO Version.
>> Have you been able to confirm the C values in the LPF's are also
>> identical?
>>
>>
>> The poster who commented on Po rolloff on the upper end of 80
>> and 40- can you detail your measurement methods and rig version/
>>
>>
>> Tnx,
>>
>>
>> Dale W4OP
>>
>>
>>
>> --- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:
>>
>> □
>> You can see the LPF to DB9 connections on the schematic page. The
>> relays have +5 on them- by grounding the other end through the
>> DB9 you energize different relays. I have not studied this at
>> all- but am not sure how you would deselect the relay that the
>> micro is connecting for a given band through software..
>> This is not the proper solution anyway. The answer is to redesign
>> the 80 and 40M filters so that they properly pass the upper
>> portions of 40 and 80M.
>> Dale W4OP
>>
>> ----- Original Message -----
>> *From:* neilgoldstein@... <mailto:neilgoldstein@...>
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>

>> *Sent:* Friday, September 20, 2013 3:20 PM
>> *Subject:* [X1M_QRP-Transceiver] Question about DB9 and
>> LPF connections
>>
>> I've seen in the schematics, and heard talk in the group
>> that refer to some of the pins of the DB9 connector being
>> linked to the LPF/BPF filter relays. I have one of the
>> original models, and I'm wondering how I would use this
>> to manually trigger the relays. Do the various pins need
>> to be shorted to ground, or do they need voltage applied
>> to trigger the relays, and if so, ho much?. I would love
>> to be able to manually trigger the 40M and 75M relays to
>> extend the filtered coverage to the USA band limits.
>>
>> No virus found in this message.
>> Checked by AVG - www.avg.com <http://www.avg.com>
>> Version: 2013.0.3408 / Virus Database: 3222/6682 -
>> Release Date: 09/19/13
>>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4117 / Virus Database: 3604/6687 - Release Date:
> 09/21/13
>
>

1502. Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-22 16:00:38 UTC
From: Charlie , W5COV
Topic: 1193 Message: 1502

LOL Maybe that is why I am an old bachelor . My two dogs don't seem to complain at all and I am a true night person so I am not normally even on the net this early in the morning .

I work DX , various digital modes , the part 15 bands , and I am working on a new part 5 license , where the bands are night time bands , plus I have always enjoyed the peace and quiet of the wee morning hours .

If the bands aren't open I ALWAYS have at least one project on the bench that I am building and usually several at the same time .

However since I went to computer logging , I have gone back to using headsets , so my hands are pretty much free to type when I am on phone . One day I may need to add VOX to the X1M . Right now I have a momentary push button in a film can type plastic container to activate the PTT , until I decide what I want to put in a mic interface box for this little gem or see if I can possibly work with smaller SMT devices and squeeze something inside of it. I can go smaller but 1206 are the smallest I am really at ease with and they are fast disappearing from the market .

Charlie , W5COV

On 9/22/2013 10:36 AM, M_AND_R_SHAREF wrote:
>
> I use to do all my operating late at night. CW and head phones are the
> way to go if you want to stay married. HI 73
>
> On Sat, Sep 21, 2013 at 12:47 AM, Charlie , W5COV <cvest@...
> <mailto:cvest@...>> wrote:
>
> Any new or updated information on how this project is coming along ?
>
> Inquiring minds want to know :)
>
> Charlie , W5COV
>
>
> On 9/4/2013 12:49 PM, orders@...
> <mailto:orders@...> wrote:
>>
>> I bit the bullet and ordered a ssm2167 on a breakout board from
>> them. I decided against soiling my playing with bad soldering
>> fruseration for the moment and instead will forgo the extra
>> coffee one day. I'm thinking and inline version would be the
>> most useful to start out -- plug the mic into the inline box and

>> then have a tail from the board into the rig. There isn't any
>> room in the rig to stick it easily and putting it directly into
>> the mic would limit it to one circuit per mic... also not
>> flexible. The other option is a larger block in the middle of
>> the mic cable but that seems the wrong way.
>>
>> Anyone have any thoughts on a performed form factor for it?
>>
>> -Chris
>>
>>
>>
>> --- In x1m_qrp-transceiver@yahoogroups.com
>> <mailto:x1m_qrp-transceiver@yahoogroups.com>, <orders@...>
>> <mailto:orders@...> wrote:
>>
>> BTW digikey part number for the SSM2167 is SSM2167-1RMZ-REELCT-ND
>> <http://www.digikey.com/product-detail/en/SSM2167-1RMZ-REEL/SSM2167-1RMZ-REELCT-ND/1628
139>
>>
>>
>>
>>
>> --- In x1m_qrp-transceiver@yahoogroups.com
>> <mailto:x1m_qrp-transceiver@yahoogroups.com>, <mr.olson@...>
>> <mailto:mr.olson@...> wrote:
>>
>> Oops, my mistake.? I bought mine from a different seller
>> 190593669424? Must be old timers disease kicking in again.
>>
>> Lee – N9LO
>>
>> *From:*X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Bill
>> Maxwell
>> *Sent:* Tuesday, September 03, 2013 12:19 AM
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>> *Subject:* Re: [X1M_QRP-Transceiver] RE: Audio Compression
>> 'Accessory Circuit' Idea to Increase SSB Output
>>
>> Didn't see the chips in that seller's store, Lee. Can you give us
>> the item number for them, please.
>>
>> Bill, VK7MX
>>
>> On 3/09/2013 4:14 AM, Lee wrote:
>>
>> I ordered 2 of the chips on eBay, just in case I kill one,

>> and some chip adapter boards from the same seller. Put item
>> number 181138215223 in the search box to see then.
>>
>> *From:*X1M_QRP-Transceiver@yahoogroups.com
>> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of
>> *orders@...
>> *Sent:* Monday, September 02, 2013 11:54 AM
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> *Subject:* [X1M_QRP-Transceiver] RE: Audio Compression
>> 'Accessory Circuit' Idea to Increase SSB Output
>>
>> The more and more I look at this the more and more I want to
>> play with little chip but it is in a tiny tiny MSOP package.
>> And my soldering skills/hand steadiness is NO WHERE near
>> close enough to jump right in. Anyone have a great easy way
>> to put an MSOP chip onto a breadboard or anything like that?
>> I've seen some 'easy' convertors for SMD chips but none for
>> MSOP -- and I guess I haven't looked to see if they would
>> work. Anyway -- if anyone has any great suggestions I'd
>> appreciate it!
>>
>> -Chris
>>
>>
>>
>> --- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:
>>
>> Thank Ken! Yup I'm thinking with 5 w I'm going to want the
>> most talk power for the punch of my voice. Although I haven't
>> done the math to see the difference between 0.5w and 5w. if
>> my db brain remembers it probably isn't that much ! much like
>> the difference between 5w and 100w ;) But I suspect it is
>> bigger if I compare 0.5 w to 100w ;) And the goal is to get
>> it as compressed and gained right to point before degrading!
>> And we will see where that lands me! And to top that off the
>> neighbor in the new apartment is really sensitive to me
>> talking at night -- she has come twice at 1am to ask me to
>> keep it down while conversing with a friend at lower than
>> normal voices already. So the more punch I can get out of
>> the mic at lower levels the more I can work in the nighhhhhhht!
>>
>> And thanks for the thumbs up I'm loving the trip!
>>
>> -Chris
>>
>>
>>
>> --- In x1m_qrp-transceiver@yahoogroups.com, <krtdowns@...> wrote:
>>
>> Great attitude, Chris! I'm not familiar with that IC, but it

>> sounds as though it has the functions you are seeking.
>> Reasonable compression will add substantially to your "talk
>> power." Like most things, it can be overdone and degrade your
>> signal. Sounds as though you are tackling the learning
>> opportunities this little rig offers with zest and
>> enthusiasm. Have fun and enjoy the trip!
>>
>> Ken, W1KRT
>>
>>
>> --- In x1m_qrp-transceiver@yahoogroups.com, <orders@...>
>> wrote:
>>
>> Man oh Man! Am I loving this little rig! Not because it
>> is perfect and a great value out of the box but for the
>> exact reason I bit the bullet and bought it before it was
>> all polished: Great learning rig! Every time some limit
>> or question is hit I have a reason to go digging and
>> exploring around in the bits that make radios tick. I'll
>> be happy to get my fully functioning rig to actual work
>> on the air but this is a little gem in my eyes for
>> crackin' open the door to learning about radios!
>>
>> Anyway, my newest exploration is around the audio and SSB
>> and this little fellar. From what Ed has walked me
>> through I'm beating down the path that the radio WILL
>> transmit 5w PEP on SSB .. the mic, gain, compression,
>> preamp, etc are the limiting factor to making this usable
>> out of the box. I'm currently playing down the path that
>> the gain adjustment in the rig will be sufficient if I
>> can compress the audio so more of it is towards the 5W
>> 'section'. During my dive into this sort of theory I can
>> across this little gem of a chip:
>>
>> http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.
html
>>
>> Hot diggly! An IC that does compression, noise gating,
>> and conditioning all on one chip! And the ratio being
>> controlled by a single resistor.....
>>
>> I've got plenty more to do to see if this theory will be
>> valid in the x1m and how it all fits together but I'm
>> loving this rig just for giving me framework to explore
>> and ask about this things. Before this little fella and
>> my trying to test if the SSB output was 'good' and if I
>> needed to send it back everything was just words and now
>> its all tying together. Having a ball!
>>
>> Anyway, wanted to throw that IC out to the group in case

>> anyone wanted to pick up a ball around it and run with me
>> too. I'm dreaming of a tiny little circuit that can go
>> inline (or inside if you choose) the mic line and the
>> radio. Set the compression, adjust the gain on the
>> inside of the radio. And BAM an external mod that can be
>> used with other mics, etc but is small enough to stay
>> portable.
>>
>> -Chris
>>
>> KC8MUS
>>
>
>
>

1503. DX with X1M Pro

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-22 18:13:32 UTC
From: <andreas.fuehrmann@...>
Topic: 1503 Message: 1503

Hi Folks,

this afternnon I had a short QSO with Fernando, PY2LED in Sao Paulo.
I gave him 59 and got a 53 in Stuttgart, Germany. Used an AlexLoop for this QSO.
QRP rules :)

73 Andy DC3AFA

1504. RE: DX with X1M Pro

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-22 18:38:31 UTC
From: <deadgoose@...>
Topic: 1503 Message: 1504

It is quite remarkable what you can do with 5 watts if the conditions are right. What band? What time of day?

73 /paul W3FIS Fenwick Island, DE, USA

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Hi Folks,

this afternnon I had a short QSO with Fernando, PY2LED in Sao Paulo.
I gave him 59 and got a 53 in Stuttgart, Germany. Used an AlexLoop for this QSO.
QRP rules :)

73 Andy DC3AFA

1505. RE: RE: DX with X1M Pro

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-22 19:49:05 UTC
From: <andreas.fuehrmann@...>
Topic: 1503 Message: 1505

15 meters, 1450 UTC

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

It is quite remarkable what you can do with 5 watts if the conditions are right. What band? What time of day?

73 /paul W3FIS Fenwick Island, DE, USA

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Hi Folks,

this afternnon I had a short QSO with Fernando, PY2LED in Sao Paulo.
I gave him 59 and got a 53 in Stuttgart, Germany. Used an AlexLoop for this QSO.
QRP rules :)

73 Andy DC3AFA

1506. Re: [X1M_QRP-Transceiver] Re: XM-1 Audio break up

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-22 19:59:24 UTC
From: Dale Parfitt
Topic: 1476 Message: 1506

Hi Perrin,
I was pretty sure we had this one almost fixed.
As to pin 5 of the LM-386- yes, it should have a DC bias of 1/2Vcc. Being a single ended IC, the most dynamic range is achieved by having the output quiescent voltage sit at 1/2 the supply voltage.
I think you told me that you saw audio breakup on the input of the LM-386, (wioer of the AF Gain pot- and if so we can now rule it out.

I think you said you have a scope- and you should be looking at these DC voltages with a scope and AC coupling so you can see small changes. A voltmeter may miss them.
Let's look at Pin 7 of U9CB with your modulated RF signal going into the BNC input. If that looks OK under audio breakup conditions, move to pin1 and observe that. With the scope, let's also look at the BFO signal- it is at many places on the top board including the output of the BFO 9850 DDS IC on Pin 21. Careful there the SMD pins are very close.
The mystery continues.
Dale W4OP
----- Original Message -----
From: pezcat19
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, September 22, 2013 8:57 AM
Subject: [X1M_QRP-Transceiver] Re: XM-1 Audio break up

Hi Dale,

I managed to have another look at my X1M-PRO and here are the findings:

The regulator output pins for the 9V and 5V regs are +8.85V, and +5.04V respectively. There is no noticeable change in voltage when the radio goes into Audio "breakup".

Apart from the 9V regulator being 'slightly' low, I have not seen anything that jumps out at me yet.

Here are 2 things I have noticed:

- There is +4.43V DC on the LM386 output pin. Is this normal?

- When I touch my multimeter probe on either Pin 1, 2 or 5 of the LM386 I hear AM BC stations. :)

I am not sure what to try / do / check next. Any further advice that you, or anyone else on the group can give me would be greatly appreciated.

73, Perrin

PS- I just ordered an EFT-10/20/40 Trail Friendly. I'm looking forward to using this one!

--- In X1M_QRP-Transceiver@yahoogroups.com, "pezcat19" <pezcat19@...> wrote:
>

> Thanks Dale,
>
> I will do this over the weekend and I will report back. I know that the +9v point, pin 6 on the LM386 remains constant at around +8.8v and does not seem to change when the clipping / audio break up occurs... (Is 8.8v typical and acceptable? I am guessing +8.8 is OK.)
>
> I really appreciate your help, especially with how busy you are on other commitments/projects! (As a side note, an EF-10-20-40 and an FX-4 are on my Christmas list.. That is another thread all together though!)
>
> 73
>
> Perrin VK3XPT
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@> wrote:
> >
> > Hi Perrin,
> > Quite odd. I did not think it was the LM386 per se, but it might have to do with the +9VDC regulated voltage being drawn by the IC
> > With the same modulated RF signal in and the AF Gain up sufficiently to cause the audio breakup, look at the input and output of U1A (7805) and the in/out of U2A (7809). These points are not easily accessed, so look at the +9 and +5 precision voltages where they are distributed on the top board. eg +9 is available on pin 6 of the LM386. U1A is near the edge of the bottom board and you should be able to get a probe on its output. The +5 is derived from the +9 regulator. There's more to check but let's start there.
> >
> > Dale W4OP
> >
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4117 / Virus Database: 3604/6687 - Release Date: 09/21/13

1507. Re: [X1M_QRP-Transceiver] DX with X1M Pro

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-22 19:37:22 UTC
From: Charlie , W5COV
Topic: 1503 Message: 1507

Congratulations Andy !! Yes band and time like Paul said would be interesting to know . Not sure of the distance , but that may be the longest distance I have seen posted yet by an X1M user . We need someone to keep records :)

We could have a nice little club and awards along with this group , since so far we are a pretty unique set of users and our numbers are not that large yet .

I still would like to give a net a try , maybe on Sunday afternoons on 20 and maybe a second net Sunday evenings on 40 , to exchange information and get to know other users .

Charlie , W5COV

On 9/22/2013 1:13 PM, andreas.fuehrmann@... wrote:
>
> Hi Folks,
>
>
> this afternnon I had a short QSO with Fernando, PY2LED in Sao Paulo.
> I gave him 59 and got a 53 in Stuttgart, Germany. Used an AlexLoop for
> this QSO.
> QRP rules :)
>
> 73 Andy DC3AFA
>

1508. Re: [X1M_QRP-Transceiver] DX with X1M Pro

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-22 19:45:04 UTC
From: Andreas Führmann
Topic: 1503 Message: 1508

Sorry, forgot to say that is was on 15 meters.

Andy DC3AFA

> Congratulations Andy !! Yes band and time like Paul said would be interesting to know . Not sure of the distance , but that may be the longest distance I have seen posted yet by an X1M user . We need someone to keep records :)
>
> We could have a nice little club and awards along with this group , since so far we are a pretty unique set of users and our numbers are not that large yet .
>
> I still would like to give a net a try , maybe on Sunday afternoons on 20 and maybe a second net Sunday evenings on 40 , to exchange information and get to know other users .
>
> Charlie , W5COV
>
>
> On 9/22/2013 1:13 PM, andreas.fuehrmann@... wrote:
>> Hi Folks,
>>
>>
>> this afternnon I had a short QSO with Fernando, PY2LED in Sao Paulo.
>> I gave him 59 and got a 53 in Stuttgart, Germany. Used an AlexLoop for this QSO.
>> QRP rules :)
>>
>> 73 Andy DC3AFA
>>
>

1509. Re: X1M PC Cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-23 05:16:11 UTC
From: Heath - VK3TWO / VK6TWO
Topic: 1493 Message: 1509

Ian,

Any TTL converter should be suitable. Luckily, these are very common for programming mictrocontrollers such as the Adruino series, ATMEL and PIC's etc.

You'll find a HEAP of them on eBay here
http://www.ebay.com.au/sch/i.html?_odkw=TTL+converter&_osacat=0&_from=R40&_trksid=p2045573.m570.l1313.TR0.TRC0.XUSB+TTL+converter&_nkw=USB+TTL+converter&_sacat=0

Specifically, if you want to use the converter you already have, one like this would suit
http://www.ebay.com.au/itm/MAX232-RS232-To-TTL-Converter-Adapt-er-Module-Board-/260781677532?pt=AU_B_I_Electrical_Test_Equipment&hash=item3cb7cc9bdc

Or, direct from USB to TTL here
http://www.ebay.com.au/itm/1PCS-New-PL2303HX-USB-To-RS232-TTL-Auto-Converter-Adapter-Module-For-arduino-/141051898000?pt=AU_CablesConnectors&hash=item20d7592890

There's plenty of other sources such as Farnell/Element14 etc, but the chinese clones are nice an cheap (only a few $$ delivered).

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
VK3TWO Website <http://sites.google.com/site/actionman5/>

DSTAR <http://www.dstar.org.au/what_is_dstar.htm> Co-ordinator (WA)
SOTA <http://www.sota.org.uk/> Co-ordinator (WA)
Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
WA Repeater Group <http://www.warg.org.au> – Committee
WA VHF Group <http://www.wavhfgroup.org.au/> – Committee
Wireless Institute Civil Emergency
Network<http://www.wia.org.au/members/emcom/wicen/>– President &
Technical Officer (WA)
Wireless Institute of Australia <http://www.wia.org.au> – State Advisory
Committee <http://www.wia.org.au/members/advisories/about/> (WA)
Wireless Institute of Australia - State Emergency
Comms<http://www.wia.org.au/members/emcom/about/>co-ordinator (WA)
<spooktech@...> <http://www.spooktech.net>

1510. RE: [X1M_QRP-Transceiver] X1M PC Cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-23 11:24:30 UTC
From: Ian Coots
Topic: 1493 Message: 1510
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks Lee for the info…no offence taken at the Google quip. I'll check the lead and the pin-outs in your next post.

I appreciate the help.

Regards,

Ian (VK3YIC)

ausflag

0409 217 101 robian@...

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
Sent: Sunday, 22 September 2013 11:21 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] X1M PC Cable

The google comment was only meant as a joke. I made my own interface using this cable. Please search ebay for item number 251299940298

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots
Sent: Sunday, September 22, 2013 2:39 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] X1M PC Cable

Not a newbie to Google Lee, but all I could seem to see were drivers for the HL340…nothing definitive to say it was rs232. I also thought it was worth asking the question as there might be some adaptor available that people with more knowledge than I may know about.

Regards,

Ian Coots

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
Sent: Sunday, 22 September 2013 1:17 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] X1M PC Cable

I just googled HL 340 for you and it is a RS232 and will not work. You need TTL level. Are you a newbie to Google too?

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ianrob@ncable.net.au
Sent: Saturday, September 21, 2013 9:53 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M PC Cable

Hello,

I an a newbie to this group, to HF operation and to owning an X1M.

As a "grey nomad" I purchased the X1M to take on the road in our caravan, and have just completed making a vertical antenna with a collapsible 10m Squid pole

I have a question I hope someone on the group can answer...

I have a 9 pin to USB lead. The only marking on it is "HL 340". Does anyone know if this is suitable to use with the X1M and HRD? (i.e. is it TTL and not RS232) I don't really know the difference, however I'm told it must be TTL for the X1M.

Is there a way to test? e.g. voltage pin out config etc?

Regards,

Ian (VK3YIC)

1511. RE: DX with X1M Pro

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-23 16:14:02 UTC
From: <neilgoldstein@...>
Topic: 1503 Message: 1511

Great stuff Andy!

I worked portable with my X1M, from a state park on the north shore of Long Island yesterday afternoon. 6 contacts. Mexico on 10, UK, Scotland, and The Azores on 15, and Italy and Austria on 17. This was with a jump-start battery pack, an Emtech ZM-2 tuner, and some wire hoisted into a tree as a vertical.

Reception was so good that I had to turn off the pre-amp to keep from overloading.

73 - Neil W2NDG

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Hi Folks,

this afternnon I had a short QSO with Fernando, PY2LED in Sao Paulo.
I gave him 59 and got a 53 in Stuttgart, Germany. Used an AlexLoop for this QSO.
QRP rules :)

73 Andy DC3AFA

1512. Anyone received a X1M Radio from Kight Radio yet?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-23 18:05:18 UTC
From: kf9cm
Topic: 1512 Message: 1512

I got tied of waiting for a reply to my emails and phone calls......Got my money back.

73 Gary, KF9CM

1513. RE: Anyone received a X1M Radio from Kight Radio yet?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-23 19:54:31 UTC
From: <deadgoose@...>
Topic: 1512 Message: 1513

FWIIW, best information I can get is that the factory will be making a production run in late October or early November, and shipping after that. I suspect they had NO idea that the radio would be such a hit!

I guess we will all have to be patient..... :(

73 /paul W3FIS

--- In x1m_qrp-transceiver@yahoogroups.com, <Gary@...> wrote:

I got tied of waiting for a reply to my emails and phone calls......Got my money back.

73 Gary, KF9CM

1514. Re: Anyone received a X1M Radio from Kight Radio yet?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-23 20:27:49 UTC
From: kf9cm
Topic: 1512 Message: 1514

I'm going sit back and wait till they shake out the bugs. It will be a great radio when they do. Thanks to Charlie, Dale and the rest of the guys

de Gary KF9CM

1515. See this! X1M in the field!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-23 20:28:04 UTC
From: <deadgoose@...>
Topic: 1515 Message: 1515

http://www.amateurradio.com/nissequogue-river-state-park/?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+amateurradiocom+%28AmateurRadio.com%29

1516. RE: [X1M_QRP-Transceiver] Re: Anyone received a X1M Radio from Kight Radio yet?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-23 20:41:39 UTC
From: Fred VE3FAL
Topic: 1512 Message: 1516

Yes Gary just wait it out, I think this little radio will be the cats meow once the kinks are ironed out.
For your dollar not much else to choose at this time.
The KN-920 needs some serious work as well and there is much better rigs to buy for that money. Yimin from YouKits will be in China at his factory for a few months middle of October working on the TJ5A 20 watts all band radio as well.
The Alinco rigs are cheap dollar wise for all bands, so wait it out and see what happens..

Fred
VE3FAL

-----Original Message-----
From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kf9cm
Sent: September 23, 2013 4:28 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Anyone received a X1M Radio from Kight Radio yet?

I'm going sit back and wait till they shake out the bugs. It will be a great radio when they do. Thanks to Charlie, Dale and the rest of the guys

de Gary KF9CM

Yahoo! Groups Links

1517. RE: RE: [X1M_QRP-Transceiver] Re: Anyone received a X1M Radio from Kight Radio yet?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-23 23:52:06 UTC
From: <johnkc8jzo@...>
Topic: 1512 Message: 1517

Hello All,

For some of us, waiting is the only option. I haven't gotten any replies from my last two tries of contacting Dale. I hate not getting any details at all. The last I heard, radios should've been in around the beginning of this month. Now word from a third party has it that it may be into October or November till radios ship?? Again, cannot fault the seller for factory issues. BUT, I do think Dale needs to keep up with those of us who have been waiting things out . . . especially when the time span has been several months My sense of optimism has given out, but I'm still hoping to get something for what I paid for. Sorry about the gripe fest folks . . .

John Golub
KC8JZO

--- In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Yes Gary just wait it out, I think this little radio will be the cats meow
once the kinks are ironed out.
For your dollar not much else to choose at this time.
The KN-920 needs some serious work as well and there is much better rigs to
buy for that money. Yimin from YouKits will be in China at his factory for a
few months middle of October working on the TJ5A 20 watts all band radio as
well.
The Alinco rigs are cheap dollar wise for all bands, so wait it out and see
what happens..

Fred
VE3FAL

-----Original Message-----
From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kf9cm
Sent: September 23, 2013 4:28 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: Anyone received a X1M Radio from Kight
Radio yet?

I'm going sit back and wait till they shake out the bugs. It will be a great
radio when they do. Thanks to Charlie, Dale and the rest of the guys

de Gary KF9CM

Yahoo! Groups Links

1518. Re: [X1M_QRP-Transceiver] Re: Anyone received a X1M Radio from Kight Radio yet?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-24 00:25:07 UTC
From: Charlie , W5COV
Topic: 1512 Message: 1518

Personally I hope they manage to ship a few Beta radios off of this run to the USA , ASAP , to see what is coming in the next run whenever that is . It would be great if the next run has resolved the current issues .

That being said I hope everyone that is fortunate enough to have received one is at least having a ball playing with it at least on SSB and not just letting it sit on the shelf and waiting for an update .

I don't know a thing about Kight radio or the person that operates it . Never even heard of either until I joined this group. There is not any excuse for a business not to offer a common courtesy of responding to a paying customer .

Does he still advertise them for sale ? I guess I should take the time to look at his web page , but I have been so satisfied dealing with Ed , I have no reason to look anywhere else .

I am beginning to enjoy all of the different radios coming out of China and hope that Ed adds some of them to his line.

Yes some of them have problems but I like the challenge up to the software/firmware . IF ONE of the companies would put that in the public domain , I would sure be on top of that radio !! ANYONE IN CHINA LISTENING ?? LOL That would make a HUGE difference in sales here in the USA !!

Charlie , W5COV

On 9/23/2013 6:52 PM, johnkc8jzo@... wrote:
>
> Hello All,
>
> For some of us, waiting is the only option. I haven't gotten
> any replies from my last two tries of contacting Dale. I hate not
> getting any details at all. The last I heard, radios should've been in
> around the beginning of this month. Now word from a third party has
> it that it may be into October or November till radios ship?? Again,
> cannot fault the seller for factory issues. BUT, I do think Dale
> needs to keep up with those of us who have been waiting things out . .
> . especially when the time span has been several months My sense of
> optimism has given out, but I'm still hoping to get something for what
> I paid for. Sorry about the gripe fest folks . . .
>
> John Golub
> KC8JZO

>
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com,
> <x1m_qrp-transceiver@yahoogroups.com> wrote:
>
> Yes Gary just wait it out, I think this little radio will be the cats meow
> once the kinks are ironed out.
> For your dollar not much else to choose at this time.
> The KN-920 needs some serious work as well and there is much better
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> radio as
> well.
> The Alinco rigs are cheap dollar wise for all bands, so wait it out
> and see
> what happens..
>
> Fred
> VE3FAL
>
> -----Original Message-----
> From: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>] On Behalf Of kf9cm
> Sent: September 23, 2013 4:28 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> Subject: [X1M_QRP-Transceiver] Re: Anyone received a X1M Radio from Kight
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> de Gary KF9CM
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

1519. RE: XM-1 Audio break up

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-24 08:06:12 UTC
From: <pezcat19@...>
Topic: 1476 Message: 1519

Hi Dale,

I have had a 'poke around' the LM358 on the top board (located between the LM386 and the volume pot - I assume this is U9CB as I have the schematic but not a component/board layout diagram.)

Pin 7 and pin 1 go crazy when the audio breakup occurs - I am seeing the same thing that I have observed in the previous tests around the LM386 and the volume pot pins.

What should I see on 9850 DDS IC on Pin 21? I am seeing what looks like a steady HF sine signal that is not changing with the audio breakup. (I guess this rules out the BFO?)... note - I have noticed that my CRO probe "loads" this pin down and reduces my audio output a little when it is connected.

Hmmm. Nothing is jumping out at me yet. What do you recommend I try next? Deeper into the audio stage we go perhaps?

Thanks again for your help!

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Hi Perrin,

I was pretty sure we had this one almost fixed.

As to pin 5 of the LM-386- yes, it should have a DC bias of 1/2Vcc. Being a single ended IC, the most dynamic range is achieved by having the output quiescent voltage sit at 1/2 the supply voltage.

I think you told me that you saw audio breakup on the input of the LM-386, (wioer of the AF Gain pot- and if so we can now rule it out.

I think you said you have a scope- and you should be looking at these DC voltages with a scope and AC coupling so you can see small changes. A voltmeter may miss them.

Let's look at Pin 7 of U9CB with your modulated RF signal going into the BNC input. If that looks OK under audio breakup conditions, move to pin1 and observe that. With the scope, let's also look at the BFO signal- it is at many places on the top board including the output of the BFO 9850 DDS IC on Pin 21. Careful there the SMD pins are very close.

The mystery continues.

Dale W4OP

----- Original Message -----

From: pezcat19

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Sunday, September 22, 2013 8:57 AM

Subject: [X1M_QRP-Transceiver] Re: XM-1 Audio break up

Hi Dale,

I managed to have another look at my X1M-PRO and here are the findings:

The regulator output pins for the 9V and 5V regs are +8.85V, and +5.04V respectively. There is no noticeable change in voltage when the radio goes into Audio "breakup".

Apart from the 9V regulator being 'slightly' low, I have not seen anything that jumps out at me yet.

Here are 2 things I have noticed:

- There is +4.43V DC on the LM386 output pin. Is this normal?

- When I touch my multimeter probe on either Pin 1, 2 or 5 of the LM386 I hear AM BC stations. :)

I am not sure what to try / do / check next. Any further advice that you, or anyone else on the group can give me would be greatly appreciated.

73, Perrin

PS- I just ordered an EFT-10/20/40 Trail Friendly. I'm looking forward to using this one!

--- In X1M_QRP-Transceiver@yahoogroups.com, "pezcat19" <pezcat19@...> wrote:
>
> Thanks Dale,
>
> I will do this over the weekend and I will report back. I know that the +9v point, pin 6 on the LM386 remains constant at around +8.8v and does not seem to change when the clipping / audio break up occurs... (Is 8.8v typical and acceptable? I am guessing +8.8 is OK.)
>
> I really appreciate your help, especially with how busy you are on other commitments/projects! (As a side note, an EF-10-20-40 and an FX-4 are on my Christmas list.. That is another thread all together though!)
>
> 73
>
> Perrin VK3XPT
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@> wrote:
> >
> > Hi Perrin,
> > Quite odd. I did not think it was the LM386 per se, but it might have to do with the +9VDC regulated voltage being drawn by the IC
> > With the same modulated RF signal in and the AF Gain up sufficiently to cause the audio breakup, look at the input and output of U1A (7805) and the in/out of U2A (7809). These

points are not easily accessed, so look at the +9 and +5 precision voltages where they are distributed on the top board. eg +9 is available on pin 6 of the LM386. U1A is near the edge of the bottom board and you should be able to get a probe on its output. The +5 is derived from the +9 regulator. There's more to check but let's start there.
> >
> > Dale W4OP
> >
>

No virus found in this message.
Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2014.0.4117 / Virus Database: 3604/6687 - Release Date: 09/21/13

1520. Re: [X1M_QRP-Transceiver] RE: XM-1 Audio break up

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-24 13:32:29 UTC
From: Dale Parfitt
Topic: 1476 Message: 1520

Maybe we already did this, but look again at the middle pin of the AF Gain pot (wiper) and see what that looks like during breakup. We still need to look at t U9CA and U9CB pins referenced in my earlier post. I believe (I'll confirm later) U9 is the SMD chip between the AF pot and LM386.
If things look good there- we have a bad LM386. I had one go squirrelly in a Dentron MLX-20B QRP rig. So it can happen.

Dale

Dale
----- Original Message -----
From: pezcat19@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, September 24, 2013 4:06 AM
Subject: [X1M_QRP-Transceiver] RE: XM-1 Audio break up

Hi Dale,

I have had a 'poke around' the LM358 on the top board (located between the LM386 and the volume pot - I assume this is U9CB as I have the schematic but not a component/board layout diagram.)

Pin 7 and pin 1 go crazy when the audio breakup occurs - I am seeing the same thing that I have observed in the previous tests around the LM386 and the volume pot pins.

< p style="color:rgb(0, 0, 0);font-size:13px;font-family:arial, helvetica, clean, sans-serif;background-color:transparent;font-style:normal;">What should I see on 9850 DDS IC on Pin 21? I am seeing what looks like a steady HF sine signal that is not changing with the audio breakup. (I guess this rules out the BFO?)... note - I have noticed that my CRO probe "loads" this pin down and reduces my audio output a little when it is connected.

Hmmm. Nothing is jumping out at me yet. What do you recommend I try next? Deeper into the audio stage we go perhaps?

Thanks again for your help!

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---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

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I think you said you have a scope- and you should be looking at these DC voltages with a scope and AC coupling so you can see small changes. A voltmeter may miss them.
Let's look at Pin 7 of U9CB with your modulated RF signal going into the BNC input. If that looks OK under audio breakup conditions, move to pin1 and observe that. With the scope, let's also look at the BFO signal- it is at many places on the top board including the output of the BFO 9850 DDS IC on Pin 21. Careful there the SMD pins are very close.
The mystery continues.
Dale W4OP
----- Original Message -----
From: pezcat19
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, September 22, 2013 8:57 AM
Subject: [X1M_QRP-Transceiver] Re: XM-1 Audio break up

Hi Dale,

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The regulator output pins for the 9V and 5V regs are +8.85V, and +5.04V respectively. There is no noticeable change in voltage when the radio goes into Audio "breakup".

Apart from the 9V regulator being 'slightly' low, I have not seen anything that jumps out at me yet.

Here are 2 things I have noticed:

- There is +4.43V DC on the LM386 output pin. Is this normal?

- When I touch my multimeter probe on either Pin 1, 2 or 5 of the LM386 I hear AM BC stations. :)

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73, Perrin

PS- I just ordered an EFT-10/20/40 Trail Friendly. I'm looking forward to using this one!

--- In X1M_QRP-Transceiver@yahoogroups.com, "pezcat19" <pezcat19@...> wrote:
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> Thanks Dale,
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> > Dale W4OP
> >
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Version: 2014.0.4117 / Virus Database: 3604/6687 - Release Date: 09/21/13

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Version: 2014.0.4117 / Virus Database: 3604/6687 - Release Date: 09/21/13

1521. RE: XM-1 Audio break up

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-24 13:49:21 UTC
From: <lphebus@...>
Topic: 1476 Message: 1521

Hi,

Take a look at comment 2 on this page. The pin 7 cap to ground helps with noise on the power rails, and my experience with AD9850s suggests they put out lots of noise. If the pin 7 to ground cap is defective or even at the limit of the normal +\- 50% tolerance, you might see distortion at higher volumes...

http://www.edaboard.com/thread259609.html

Maybe you could parallel another cap with yours to test...

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Maybe we already did this, but look again at the middle pin of the AF Gain pot (wiper) and see what that looks like during breakup. We still need to look at t U9CA and U9CB pins referenced in my earlier post. I believe (I'll confirm later) U9 is the SMD chip between the AF pot and LM386.

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Dale

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The mystery continues.

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Sent: Sunday, September 22, 2013 8:57 AM

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Here are 2 things I have noticed:

- There is +4.43V DC on the LM386 output pin. Is this normal?

- When I touch my multimeter probe on either Pin 1, 2 or 5 of the LM386 I hear AM BC stations. :)

I am not sure what to try / do / check next. Any further advice that you, or anyone else on the group can give me would be greatly appreciated.

73, Perrin

PS- I just ordered an EFT-10/20/40 Trail Friendly. I'm looking forward to using this one!

--- In X1M_QRP-Transceiver@yahoogroups.com, "pezcat19" <pezcat19@...> wrote:
>
> Thanks Dale,
>
> I will do this over the weekend and I will report back. I know that the +9v point, pin 6 on the LM386 remains constant at around +8.8v and does not seem to change when the clipping / audio break up occurs... (Is 8.8v typical and acceptable? I am guessing +8.8 is OK.)
>
> I really appreciate your help, especially with how busy you are on other commitments/projects! (As a side note, an EF-10-20-40 and an FX-4 are on my Christmas list.. That is another thread all together though!)
>
> 73
>
> Perrin VK3XPT
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@> wrote:
> >
> > Hi Perrin,
> > Quite odd. I did not think it was the LM386 per se, but it might have to do with the +9VDC regulated voltage being drawn by the IC
> > With the same modulated RF signal in and the AF Gain up sufficiently to cause the audio breakup, look at the input and output of U1A (7805) and the in/out of U2A (7809). These points are not easily accessed, so look at the +9 and +5 precision voltages where they are distributed on the top board. eg +9 is available on pin 6 of the LM386. U1A is near the edge of the bottom board and you should be able to get a probe on its output. The +5 is derived from the +9 regulator. There's more to check but let's start there.
> >
> > Dale W4OP
> >
>

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Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2014.0.4117 / Virus Database: 3604/6687 - Release Date: 09/21/13

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Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2014.0.4117 / Virus Database: 3604/6687 - Release Date: 09/21/13

1522. RE: XM-1 Audio break up

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-24 16:37:08 UTC
From: <pezcat19@...>
Topic: 1476 Message: 1522

Hi Dale and onionman51,

@Dale - I have checked this out in the past. The AF Gain pot middle pin goes 'crazy' during the audio breakup. So do the pins of U9 (assuming U9 is the IC located between the Volume Pot and the LM386)... From my earlier post: "Pin 7 and pin 1 go crazy when the audio breakup occurs - I am seeing the same thing that I have observed in the previous tests around the LM386 and the volume pot pins."

@onionman51 - Thanks for this advice and information. I will have a look at this capacitor value and will let you know what I find. Interesting stuff!

-So, pending the LM386 pin7 capacitor value is good, I might replace the LM386 for good measure. (As you say Dale, it may have a problem)... I wish the problem was obvious, but these thing never seem to be easy when you want them to be. :) ... I will report back, but welcome any other thoughts you may have.

Thanks again guys! :)

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

Hi,

Take a look at comment 2 on this page. The pin 7 cap to ground helps with noise on the power rails, and my experience with AD9850s suggests they put out lots of noise. If the pin 7 to ground cap is defective or even at the limit of the normal +\- 50% tolerance, you might see distortion at higher volumes...

http://www.edaboard.com/thread259609.html

Maybe you could parallel another cap with yours to test...

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Maybe we already did this, but look again at the middle pin of the AF Gain pot (wiper) and see what that looks like during breakup. We still need to look at t U9CA and U9CB pins referenced in my earlier post. I believe (I'll confirm later) U9 is the SMD chip between the AF pot and LM386.

If things look good there- we have a bad LM386. I had one go squirrelly in a Dentron MLX-20B QRP rig. So it can happen.

Dale

Dale

----- Original Message -----

From: pezcat19@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Tuesday, September 24, 2013 4:06 AM

Subject: [X1M_QRP-Transceiver] RE: XM-1 Audio break up

Hi Dale,

I have had a 'poke around' the LM358 on the top board (located between the LM386 and the volume pot - I assume this is U9CB as I have the schematic but not a component/board layout diagram.)

Pin 7 and pin 1 go crazy when the audio breakup occurs - I am seeing the same thing that I have observed in the previous tests around the LM386 and the volume pot pins.

< p style="color:rgb(0, 0, 0);font-size:13px;font-family:arial, helvetica, clean, sans-serif;background-color:transparent;font-style:normal;">What should I see on 9850 DDS IC on Pin 21? I am seeing what looks like a steady HF sine signal that is not changing with the audio breakup. (I guess this rules out the BFO?)... note - I have noticed that my CRO probe "loads" this pin down and reduces my audio output a little when it is connected.

Hmmm. Nothing is jumping out at me yet. What do you recommend I try next? Deeper into the audio stage we go perhaps?

Thanks again for your help!

Perrin VK3XPT

1523. Re: [X1M_QRP-Transceiver] RE: XM-1 Audio break up

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-24 16:47:56 UTC
From: Dale Parfitt
Topic: 1476 Message: 1523

Thank you for the update Perrin,
When you mentioned Pin 7 and Pin1 I was not looking at the schematic and did not know you were referring to U9 pins.
This then would seem to move us away from issues with the LM386 itself.
When you looked at the 9V rail during break up - I am assuming this was with a scope? If not, we need to observe it under break up- AC coupled to the scope so you can see smaller fluctuations. At the very least put your voltmeter on AC so you can see fluctuations better, but the scope would be far better.
Fascinating!
Dale W4OP----- Original Message -----
From: pezcat19@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, September 24, 2013 12:37 PM
Subject: [X1M_QRP-Transceiver] RE: XM-1 Audio break up

Hi Dale and onionman51,

@Dale - I have checked this out in the past. The AF Gain pot middle pin goes 'crazy' during the audio breakup. So do the pins of U9 (assuming U9 is the IC located between the Volume Pot and the LM386)... From my earlier post: "Pin 7 and pin 1 go crazy when the audio breakup occurs - I am seeing the same thing that I have observed in the previous tests around the LM386 and the volume pot pins."

@onionman51 - Thanks for this advice and information. I will have a look at this capacitor value and will let you know what I find. Interesting stuff!

-So, pending the LM386 pin7 capacitor value is good, I might replace the LM386 for good measure. (As you say Dale, it may have a problem)... I wish the problem was obvious, but these thing never seem to be easy when you want them to be. :) ... I will report back, but welcome any other thoughts you may have.

Thanks again guys! :)

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

Hi,

Take a look at comment 2 on this page. The pin 7 cap to ground helps with noise on the power rails, and my experience with AD9850s suggests they put out lots of noise. If the pin 7 to ground cap is defective or even at the limit of the normal +\- 50% tolerance, you might see distortion at higher volumes...

http://www.edaboard.com/thread259609.html

Maybe you could parallel another cap with yours to test...

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Maybe we already did this, but look again at the middle pin of the AF Gain pot (wiper) and see what that looks like during breakup. We still need to look at t U9CA and U9CB pins referenced in my earlier post. I believe (I'll confirm later) U9 is the SMD chip between the AF pot and LM386.
If things look good there- we have a bad LM386. I had one go squirrelly in a Dentron MLX-20B QRP rig. So it can happen.

Dale

Dale
----- Original Message -----
From: pezcat19@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, September 24, 2013 4:06 AM
Subject: [X1M_QRP-Transceiver] RE: XM-1 Audio break up

Hi Dale,

I have had a 'poke around' the LM358 on the top board (located between the LM386 and the volume pot - I assume this is U9CB as I have the schematic but not a component/board layout diagram.)

Pin 7 and pin 1 go crazy when the audio breakup occurs - I am seeing the same thing that I have observed in the previous tests around the LM386 and the volume pot pins.

< p style="color:rgb(0, 0, 0);font-size:13px;font-family:arial, helvetica, clean, sans-serif;background-color:transparent;font-style:normal;">What should I see on 9850 DDS IC on Pin 21? I am seeing what looks like a steady HF sine signal that is not changing with the audio breakup. (I guess this rules out the BFO?)... note - I have noticed that my CRO probe "loads" this pin down and reduces my audio output a little when it is connected.

Hmmm. Nothing is jumping out at me yet. What do you recommend I try next? Deeper into the audio stage we go perhaps?

Thanks again for your help!

Perrin VK3XPT

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Version: 2014.0.4117 / Virus Database: 3604/6687 - Release Date: 09/21/13

1524. How are you using your X1M & Which version ??

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-24 20:54:50 UTC
From: Charlie , W5COV
Topic: 1524 Message: 1524

*I personally am interested in what modes , tuners , antennas , bands that everyone is using their X1M on and which version you are using .

Mine is eventually going to make its way to my MF/LF/VLF area to transmit only with as an exciter on most bands and "may" see service on the Part 15 , 1750 meter band as a low power QRSS / WSPR beacon transmitter . I have to lower the input power to 1 watt to conform to the rules .

Is there anyone else either using or planning to use it on (USA Part 5 Experimental Bands) or international ham bands in most countries around the world at either 600/630 meters or 2200 meters ? (AGAIN a copy of the software would be nice to be able to change it where it would also cover the 4,000 meter band , the change needed is just in the software) ANY EXPERIMENTERS IN CHINA LISTENING ??????

It will make an excellent exciter , and I am interested in seeing anyone else that is going to use it on these bands , plans / diagrams of filters , amplifiers , loading systems , antennas , and any related items .

As it comes from the factory , the receiver is not very "hot" below 500 kHz. I am also interested to see if anyone has done any work or changes to the receiver to see if perhaps there is an attenuator switched in below 500 kHz. that is common practice in pretty much the entire industry . So right now , I will still be using my SLM plus E-Probe as my receiver for doing any serious listening . I am building both a single turn loop and a multi turn loop to run comparisons with the E-Probe .

I am also building a couple of transverters for the experimental bands to use with it too . It is an excellent little rig for use with a transverter , whether you enjoy MF/LF/VLF , as I do , or you are looking for the IF rig for a VHF / UHF / Microwave , transverter running as a phone transmitter or CW beacon .

When not on these frequencies , you can usually find me on 17 meters and occasionally 20 meters QRP phone with it .

I also enjoy WSPR on 30 and 20 meters with it . Also I have found it plenty stable enough to spend a lot of time listening to QRSS and WSPR on 30 and 20 meters .

My only antenna for HF right now is a G5RV and run the X1M through either my manual home brew antenna tuner , or usually through my LDG auto tuner . The G5RV is only "about" 30 feet at the apex . Actually a couple of feet lower . It is more in an inverted vee configuration because the ends of the G5RV
(102 foot model) are 10 to 15 feet off of the ground .My ladder line is

not even fully extended , but I still work DX every time that I get on the air and the bands are anywhere close to decent . I have become quite fond of 17 meters .

So if you have a decent antenna or better yet an omniangle HF antenna , like Dale manufactures ,
(**http://www.parelectronics.com/hf-omnis.php) ,or something like a Moxon or a yagi , you will have a ball working all of the stations that you want .

Ed (http://www.importcommunications.com) also sells a tiny audio filter , made to go with the X1M . It is a great little filter made to match the radio in size and has excellent performance for both phone and CW . A worthwhile addition to ANY station , especially QRP to help dig the weak ones out . You can vary both the center frequency and bandwidth . It is under accessories from the main page .

LOTS of ways and places to use the X1M just as it is , have some fun , while waiting for a firmware update , and maybe even explore some new modes and bands .

(USUAL DISCLAIMER HERE , NO FINANCIAL INTEREST , etc. , etc. , JUST AN IDEAL RIG FOR ME AND HOW I OPERATE .)

I am an avid Part 15 operator , even up to the 22 meter band . QRSS & WSPR are fun , if you haven't tried either of them take some time to listen , you might just get hooked . I am the owner/moderator of the Yahoo part15 (no space between part and 15) group , if you have any interest in true QRPp operation and the results can be pretty amazing , then come join us . Certainly not too crowded to find you a spot to put a beacon on .

USE THEM & ENJOY THEM !!

Charlie , W5COV
*

1525. Re: How are you using your X1M & Which version ??

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-25 07:09:35 UTC
From: Stephen Farthing
Topic: 1524 Message: 1525

Hi Charlie and the group,

I am not sure yet. The delivery of my XM1 Platinum is delayed as my ham friend who was bringing it across the pond for me has had to delay the trip because of illness. The first thing I want to do is to check it out technically. The open transmit feature appeals for LF work and I might see if I can use a micro controller to operate the RX remotely....

73s from a grey day in England....

Steve G0XAR

1526. Re: [X1M_QRP-Transceiver] Re: How are you using your X1M & Which version ??

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-25 08:38:18 UTC
From: Charlie , W5COV
Topic: 1524 Message: 1526

Steve & Group ,

Sorry to hear about your friend . Hope he gets back to normal quickly . Your report will be interesting . Is the micro controller going to be a part of your group lessons ? I was going to try and participate in that but never remember to be around when I need to be . I hope you will share ahead of time if you are going to do it over the net .

I ordered the latest version of the Ultimate 2 firmware today , so that I can use it on 1750 meters as a side by side comparison of the two modes . I have a friend about 600 miles from me that leaves a grabber running on the frequency of my choice so I can see in real time any changes I make here at my transmitting station , on his grabber .

It worked very very well last season for some great experiments and since we have a 30 kHz. wide band to play in , I was able to play with most of my very narrow modes and nobody else in the USA even knew I was testing all winter long , unless I wanted to check at different distances and moved down into the "watering hole." It was indeed a fun season and I learned a lot and have more experiments planned this year .

73's and looking forward to your getting the X1M Pro in hand soon.

Charlie , W5COV

On 9/25/2013 2:09 AM, Stephen Farthing wrote:
> Hi Charlie and the group,
>
> I am not sure yet. The delivery of my XM1 Platinum is delayed as my
> ham friend who was bringing it across the pond for me has had to delay
> the trip because of illness. The first thing I want to do is to check
> it out technically. The open transmit feature appeals for LF work and
> I might see if I can use a micro controller to operate the RX remotely....
>
> 73s from a grey day in England....
>
> Steve G0XAR
>

1527. Re: How are you using your X1M & Which version ??

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-25 08:44:14 UTC
From: Stephen Farthing
Topic: 1524 Message: 1527

Hi Charlie,

I would hope to include it in my lessons. At the moment I am writing a chapter on an introduction to "C" and one on basic micro controllers. I decided to shift these things out of the general lessons because I now have to cover two micro controllers. Each general lesson will feature a stand alone project illustrating a particular skill. As usual I under estimated the time this stuff takes and the amount of disposable brain power I have...

Good luck with the Ultimate 2. It's nothing to do with me now. I am sure that Hans can deal with anything that comes up....

73s Steve

1528. Re: [X1M_QRP-Transceiver] Re: How are you using your X1M & Which version ??

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-25 10:16:15 UTC
From: Charlie , W5COV
Topic: 1524 Message: 1528

Hi Steve ,

I hope you post it here on this group , so I can participate . I am getting old enough that I have memory issues and it is always good to get refreshed or to see it from the point of view of someone else . Plus there are so many platforms available now , I can not keep up with all of them as well as I should .

I knew that Hans had taken over the last runs . I have been waiting to see if you were going to have time to offer your own products . I have always been with them since the start . I pretty much was able to figure out the situation and I very much appreciate the contributions that you made from the start and I am certainly thrilled to see you on this group and am certain that you will contribute some interesting information and devices.

73's Charlie

On 9/25/2013 3:44 AM, Stephen Farthing wrote:
> Hi Charlie,
>
> I would hope to include it in my lessons. At the moment I am writing a
> chapter on an introduction to "C" and one on basic micro controllers.
> I decided to shift these things out of the general lessons because I
> now have to cover two micro controllers. Each general lesson will
> feature a stand alone project illustrating a particular skill. As
> usual I under estimated the time this stuff takes and the amount of
> disposable brain power I have...
>
> Good luck with the Ultimate 2. It's nothing to do with me now. I am
> sure that Hans can deal with anything that comes up....
>
> 73s Steve
>

1529. X1M for sale PRICE REDUCED

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-25 13:16:48 UTC
From: sbjohnston@...
Topic: 1478 Message: 1529

X1M FOR SALE - PRICE REDUCED

I'm selling the X1M transceiver purchased by me at the Dayton show this spring. Shortly after purchase I successfully adjusted the frequencies of the various offsets to get the radio operating correctly on both sidebands, and have adjusted the CW sidetone and mic levels for good performance. I also added access holes in the case for these adjustments so future operators will not need to open the case to make changes. These access ports were made using the same technique as the other holes in the case - they look nice.

I've made numerous contacts on both CW and SSB with this rig - after my adjustments it works as specified. Why sell it? It bothers me that the transmit bandpass filters kick out on the high end of 80 and 40 meters. But this is probably not an issue for many other users.

Unlike new units, this X1M transceiver is tuned and ready to us.

Price $260 postpaid to the continental USA (Other destinations with additional shipping charge).

Contact me at sbjohnston@... if you'd like to buy this rig.

Steve WD8DAS

sbjohnston@...
http://www.wd8das.net/

Radio is your best entertainment value.

1530. Houston, we have AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-26 00:17:34 UTC
From: Dale Parfitt
Topic: 1530 Message: 1530

I spent the day experimenting with different AGC designs. What I have at this point is a circuit whose output varies 16dB when the input varies 60dB (from -90dBm to -30dBm). I'll play with it a while and build one up for W5COV and then have SMD circuit boards made up after Charlie gives it his blessing. There are always tradeoffs in AGC- threshold, stability, settling time, attack, hang, decay. This one looks pretty good, not perfect, for both CW and SSB.

Dale W4OP

1531. Re: [X1M_QRP-Transceiver] Houston, we have AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-26 00:25:10 UTC
From: Perrin Trease
Topic: 1530 Message: 1531

Great stuff Dale!

Would it be simple enough to make the AGC switchable (in/out)? Perhaps by mounting a toggle switch in the rear panel?

Cheers,

Perrin, vk3xpt
On 26/09/2013 10:17 AM, "Dale Parfitt" <parinc1@...> wrote:

> **
>
>
> **
> I spent the day experimenting with different AGC designs. What I have at
> this point is a circuit whose output varies 16dB when the input varies 60dB
> (from -90dBm to -30dBm). I'll play with it a while and build one up for
> W5COV and then have SMD circuit boards made up after Charlie gives it his
> blessing. There are always tradeoffs in AGC- threshold, stability, settling
> time, attack, hang, decay. This one looks pretty good, not perfect, for
> both CW and SSB.
>
> Dale W4OP
>
>

1532. Re: [X1M_QRP-Transceiver] Houston, we have AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-26 00:40:17 UTC
From: Dale Parfitt
Topic: 1530 Message: 1532

Yes, that could be done- just a SPST switch. It would be nice to have a software switch to do it- but I may be dreaming there. One of the neat things about the MC1350 is that if you leave pin 5 open, it will set itself to the threshold point. Thus, just disconnecting the AGC line to pin 5 results in the MC1350 running at max gain.

Any new developments on your breakup issue?

Dale W4OP
----- Original Message -----
From: Perrin Trease
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, September 25, 2013 8:25 PM
Subject: Re: [X1M_QRP-Transceiver] Houston, we have AGC

Great stuff Dale!

Would it be simple enough to make the AGC switchable (in/out)? Perhaps by mounting a toggle switch in the rear panel?

Cheers,

Perrin, vk3xpt

On 26/09/2013 10:17 AM, "Dale Parfitt" <parinc1@frontier.com> wrote:

I spent the day experimenting with different AGC designs. What I have at this point is a circuit whose output varies 16dB when the input varies 60dB (from -90dBm to -30dBm). I'll play with it a while and build one up for W5COV and then have SMD circuit boards made up after Charlie gives it his blessing. There are always tradeoffs in AGC- threshold, stability, settling time, attack, hang, decay. This one looks pretty good, not perfect, for both CW and SSB.

Dale W4OP

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Checked by AVG - www.avg.com
Version: 2014.0.4117 / Virus Database: 3604/6687 - Release Date: 09/21/13

1533. Re: [X1M_QRP-Transceiver] Houston, we have AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-26 01:54:59 UTC
From: Perrin Trease
Topic: 1530 Message: 1533

That's great Dale. I am looking forward to seeing this mod in action!

I have not had a chance to look further at the audio break up as yet. I will do ASAP. FYI: I am using a scope (a 20MHz CRO) when looking at the issues. I will report back in the "audio break up thread" with the results.

Cheers,

Perrin vk3xpt
On Sep 26, 2013 10:40 AM, "Dale Parfitt" <parinc1@frontier.com> wrote:

> **
>
>
> **
> Yes, that could be done- just a SPST switch. It would be nice to have a
> software switch to do it- but I may be dreaming there. One of the neat
> things about the MC1350 is that if you leave pin 5 open, it will set itself
> to the threshold point. Thus, just disconnecting the AGC line to pin 5
> results in the MC1350 running at max gain.
>
>
> Any new developments on your breakup issue?
>
> Dale W4OP
>
> ----- Original Message -----
> *From:* Perrin Trease <pezcat19@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Wednesday, September 25, 2013 8:25 PM
> *Subject:* Re: [X1M_QRP-Transceiver] Houston, we have AGC
>
>
>
> Great stuff Dale!
>
> Would it be simple enough to make the AGC switchable (in/out)? Perhaps by
> mounting a toggle switch in the rear panel?
>
> Cheers,
>
> Perrin, vk3xpt
> On 26/09/2013 10:17 AM, "Dale Parfitt" <parinc1@frontier.com> wrote:
>
>> **
>>

>>
>> **
>> I spent the day experimenting with different AGC designs. What I have at
>> this point is a circuit whose output varies 16dB when the input varies 60dB
>> (from -90dBm to -30dBm). I'll play with it a while and build one up for
>> W5COV and then have SMD circuit boards made up after Charlie gives it his
>> blessing. There are always tradeoffs in AGC- threshold, stability, settling
>> time, attack, hang, decay. This one looks pretty good, not perfect, for
>> both CW and SSB.
>>
>> Dale W4OP
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>
>
>

1534. Re: [X1M_QRP-Transceiver] Houston, we have AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-26 02:13:41 UTC
From: Dale Parfitt
Topic: 1530 Message: 1534

Fine Perrin- make sure to get the scope on that 9V regulated line when you return to the subject.

Dale
----- Original Message -----
From: Perrin Trease
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, September 25, 2013 9:54 PM
Subject: Re: [X1M_QRP-Transceiver] Houston, we have AGC

That's great Dale. I am looking forward to seeing this mod in action!

I have not had a chance to look further at the audio break up as yet. I will do ASAP. FYI: I am using a scope (a 20MHz CRO) when looking at the issues. I will report back in the "audio break up thread" with the results.

Cheers,

Perrin vk3xpt

On Sep 26, 2013 10:40 AM, "Dale Parfitt" <parinc1@...> wrote:

Yes, that could be done- just a SPST switch. It would be nice to have a software switch to do it- but I may be dreaming there. One of the neat things about the MC1350 is that if you leave pin 5 open, it will set itself to the threshold point. Thus, just disconnecting the AGC line to pin 5 results in the MC1350 running at max gain.

Any new developments on your breakup issue?

Dale W4OP
----- Original Message -----
From: Perrin Trease
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, September 25, 2013 8:25 PM
Subject: Re: [X1M_QRP-Transceiver] Houston, we have AGC

Great stuff Dale!

Would it be simple enough to make the AGC switchable (in/out)? Perhaps by mounting a toggle switch in the rear panel?

Cheers,

Perrin, vk3xpt

On 26/09/2013 10:17 AM, "Dale Parfitt" <parinc1@...> wrote:

I spent the day experimenting with different AGC designs. What I have at this point is a circuit whose output varies 16dB when the input varies 60dB (from -90dBm to -30dBm). I'll

play with it a while and build one up for W5COV and then have SMD circuit boards made up after Charlie gives it his blessing. There are always tradeoffs in AGC- threshold, stability, settling time, attack, hang, decay. This one looks pretty good, not perfect, for both CW and SSB.

Dale W4OP

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4117 / Virus Database: 3604/6687 - Release Date: 09/21/13

1535. X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-26 22:00:43 UTC
From: <parinc1@...>
Topic: 1535 Message: 1535

Can I get a rough show of hands as to how many might be interested in adding AGC to their X1M PRO's?

Once the design is finalized, I'll order boards and SMD parts. I envision the board as being smaller than a postage stamp and affixing to the top board via @X tape directly behind the LM386 IC. You will have to lift pin 5 of the MC1350 and make 4 connections- GND/VCC/ Audio In/AGC out.

Tnx,

Dale W4OP

1536. Re: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-26 22:03:10 UTC
From: Stephen Farthing
Topic: 1535 Message: 1536

Dale,

Thsanks for doing this. I would like one....

Steve G0XAR

1537. Re: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-26 22:26:38 UTC
From: Perrin Trease
Topic: 1535 Message: 1537

Count me in!

Cheers,

Perrin vk3xpt
On Sep 27, 2013 8:00 AM, <parinc1@frontier.com> wrote:

> **
>
>
> Can I get a rough show of hands as to how many might be interested in
> adding AGC to their X1M PRO's?
>
>
> Once the design is finalized, I'll order boards and SMD parts. I envision
> the board as being smaller than a postage stamp and affixing to the top
> board via @X tape directly behind the LM386 IC. You will have to lift pin 5
> of the MC1350 and make 4 connections- GND/VCC/ Audio In/AGC out.
>
> Tnx,
>
> Dale W4OP
>
>

1538. RE: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-26 22:31:05 UTC
From: Lee
Topic: 1535 Message: 1538

One for me please.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of parinc1@...
Sent: Thursday, September 26, 2013 5:01 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M AGC

Can I get a rough show of hands as to how many might be interested in adding AGC to their X1M PRO's?

Once the design is finalized, I'll order boards and SMD parts. I envision the board as being smaller than a postage stamp and affixing to the top board via @X tape directly behind the LM386 IC. You will have to lift pin 5 of the MC1350 and make 4 connections- GND/VCC/ Audio In/AGC out.

Tnx,

Dale W4OP

1539. Re: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-26 23:15:27 UTC
From: Larry
Topic: 1535 Message: 1539

Yes please!

Larry VK5LY

On 27/09/2013 8:01 AM, Lee wrote:
>
> One for me please.
>
> Lee – N9LO
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of
> *parinc1@...
> *Sent:* Thursday, September 26, 2013 5:01 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] X1M AGC
>
> Can I get a rough show of hands as to how many might be interested in
> adding AGC to their X1M PRO's?
>
> Once the design is finalized, I'll order boards and SMD parts. I
> envision the board as being smaller than a postage stamp and affixing
> to the top board via @X tape directly behind the LM386 IC. You will
> have to lift pin 5 of the MC1350 and make 4 connections- GND/VCC/
> Audio In/AGC out.
>
> Tnx,
>
> Dale W4OP
>
>

--
Larry's Plagiarism of Somebody's Philosophy:
Everybody should believe in something -- I believe I'll have another drink!
I would rather have a bottle in front of me than a frontal lobotomy!

1540. Re: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-26 23:25:49 UTC
From: Keith Heimbold
Topic: 1535 Message: 1540

I have an older unit. Will the AGC work with the older unit. If so count me in.

Keith
AK6ZZ

Sent from my iPhone please excuse typos

> On Sep 26, 2013, at 3:26 PM, "Perrin Trease" <pezcat19@hotmail.com> wrote:
>
> Count me in!
>
> Cheers,
>
> Perrin vk3xpt
>
>> On Sep 27, 2013 8:00 AM, <parinc1@frontier.com> wrote:
>>
>> Can I get a rough show of hands as to how many might be interested in adding AGC to their X1M PRO's?
>>
>>
>> Once the design is finalized, I'll order boards and SMD parts. I envision the board as being smaller than a postage stamp and affixing to the top board via @X tape directly behind the LM386 IC. You will have to lift pin 5 of the MC1350 and make 4 connections- GND/VCC/ Audio In/AGC out.
>>
>> Tnx,
>>
>> Dale W4OP
>
>

1541. Re: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-26 23:42:57 UTC
From: Dale Parfitt
Topic: 1535 Message: 1541

As I don't have an older unit- Charlie, can you inform us? I think the MC1350 is SMD in the older rigs.
Dale
----- Original Message -----
From: Keith Heimbold
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, September 26, 2013 7:25 PM
Subject: Re: [X1M_QRP-Transceiver] X1M AGC

I have an older unit. Will the AGC work with the older unit. If so count me in.

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Sep 26, 2013, at 3:26 PM, "Perrin Trease" <pezcat19@...> wrote:

Count me in!

Cheers,

Perrin vk3xpt

On Sep 27, 2013 8:00 AM, <parinc1@frontier.com> wrote:

Can I get a rough show of hands as to how many might be interested in adding AGC to their X1M PRO's?

Once the design is finalized, I'll order boards and SMD parts. I envision the board as being smaller than a postage stamp and affixing to the top board via @X tape directly behind the LM386 IC. You will have to lift pin 5 of the MC1350 and make 4 connections- GND/VCC/ Audio In/AGC out.

Tnx,

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6700 - Release Date: 09/26/13

1542. Re: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-26 23:54:01 UTC
From: Charlie , W5COV
Topic: 1535 Message: 1542

Yes Keith it will work with the older unit , but Dale is correct the MC1350 is surface mount in the older unit and pin 5 is in a pretty tight location . If you can do surface mount work on an 8 pin IC , then you certainly have room around the LM-386 to mount the addition .

Charlie , W5COV

On 9/26/2013 6:42 PM, Dale Parfitt wrote:
>
> □
>
> As I don't have an older unit- Charlie, can you inform us? I think the
> MC1350 is SMD in the older rigs.
> Dale
>
> ----- Original Message -----
> *From:* Keith Heimbold <mailto:ag6az@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Cc:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Thursday, September 26, 2013 7:25 PM
> *Subject:* Re: [X1M_QRP-Transceiver] X1M AGC
>
> I have an older unit. Will the AGC work with the older unit. If so
> count me in.
>
> Keith
> AK6ZZ
>
> Sent from my iPhone please excuse typos
>
> On Sep 26, 2013, at 3:26 PM, "Perrin Trease" <pezcat19@...
> <mailto:pezcat19@...>> wrote:
>
>> Count me in!
>>
>> Cheers,
>>
>> Perrin vk3xpt
>>
>> On Sep 27, 2013 8:00 AM, <parinc1@...
>> <mailto:parinc1@...>> wrote:
>>
>> Can I get a rough show of hands as to how many might be

>> interested in adding AGC to their X1M PRO's?
>>
>>
>> Once the design is finalized, I'll order boards and SMD
>> parts. I envision the board as being smaller than a postage
>> stamp and affixing to the top board via @X tape directly
>> behind the LM386 IC. You will have to lift pin 5 of the
>> MC1350 and make 4 connections- GND/VCC/ Audio In/AGC out.
>>
>> Tnx,
>>
>> Dale W4OP
>>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4142 / Virus Database: 3604/6700 - Release Date:
> 09/26/13
>
>

1543. RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-27 03:41:35 UTC
From: <kd4hjt@...>
Topic: 1535 Message: 1543

I'm in Dale. Thanks

Ray.. KD4HJT

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Can I get a rough show of hands as to how many might be interested in adding AGC to their X1M PRO's?

Once the design is finalized, I'll order boards and SMD parts. I envision the board as being smaller than a postage stamp and affixing to the top board via @X tape directly behind the LM386 IC. You will have to lift pin 5 of the MC1350 and make 4 connections- GND/VCC/ Audio In/AGC out.

Tnx,

Dale W4OP

1544. RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-27 04:38:14 UTC
From: <lphebus@...>
Topic: 1535 Message: 1544

I'm in too!

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Can I get a rough show of hands as to how many might be interested in adding AGC to their X1M PRO's?

Once the design is finalized, I'll order boards and SMD parts. I envision the board as being smaller than a postage stamp and affixing to the top board via @X tape directly behind the LM386 IC. You will have to lift pin 5 of the MC1350 and make 4 connections- GND/VCC/ Audio In/AGC out.

Tnx,

Dale W4OP

1545. RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-27 05:24:00 UTC
From: <andreas.fuehrmann@...>
Topic: 1535 Message: 1545

Take me to your list!

Andy DC3AFA

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

I'm in too!

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Can I get a rough show of hands as to how many might be interested in adding AGC to their X1M PRO's?

Once the design is finalized, I'll order boards and SMD parts. I envision the board as being smaller than a postage stamp and affixing to the top board via @X tape directly behind the LM386 IC. You will have to lift pin 5 of the MC1350 and make 4 connections- GND/VCC/ Audio In/AGC out.

Tnx,

Dale W4OP

1546. RE: XM-1 Audio break up

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-27 06:18:54 UTC
From: <pezcat19@...>
Topic: 1476 Message: 1546

Great News!!!!!

A few days ago I ordered some new LM386's, and they arrived here today. I ordered these because all of the testing I have done so far been rather inconclusive, with the audio breakup being 'visible' on the scope basically everywhere in the audio stage (It was not really pointing me one way or another)... I wanted to replace my LM386 before I started digging too much deeper into my X1M-PRO to see if there was any change...

Guess what!? Problem SOLVED! The new LM386 has done the trick! No more audio break-ups here. I am now a happy X1M-PRO user!

Thanks especially to Dale W4OP, and also the rest of the group for your help and suggestions. Now I will be able to jump head first into the AGC modifications knowing that all is well with my rig!

73,

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐

Thank you for the update Perrin,

When you mentioned Pin 7 and Pin1 I was not looking at the schematic and did not know you were referring to U9 pins.

This then would seem to move us away from issues with the LM386 itself.

When you looked at the 9V rail during break up - I am assuming this was with a scope? If not, we need to observe it under break up- AC coupled to the scope so you can see smaller fluctuations. At the very least put your voltmeter on AC so you can see fluctuations better, but the scope would be far better.

Fascinating!

Dale W4OP----- Original Message -----

From: pezcat19@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Tuesday, September 24, 2013 12:37 PM

Subject: [X1M_QRP-Transceiver] RE: XM-1 Audio break up

Hi Dale and onionman51,

@Dale - I have checked this out in the past. The AF Gain pot middle pin goes 'crazy' during the audio breakup. So do the pins of U9 (assuming U9 is the IC located between the Volume Pot and the LM386)... From my earlier post: "Pin 7 and pin 1 go crazy when the audio breakup occurs - I am seeing the same thing that I have observed in the previous tests around the LM386 and the volume pot pins."

@onionman51 - Thanks for this advice and information. I will have a look at this capacitor value and will let you know what I find. Interesting stuff!

-So, pending the LM386 pin7 capacitor value is good, I might replace the LM386 for good measure. (As you say Dale, it may have a problem)... I wish the problem was obvious, but these thing never seem to be easy when you want them to be. :) ... I will report back, but welcome any other thoughts you may have.

Thanks again guys! :)

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

Hi,

Take a look at comment 2 on this page. The pin 7 cap to ground helps with noise on the power rails, and my experience with AD9850s suggests they put out lots of noise. If the pin 7 to ground cap is defective or even at the limit of the normal +\- 50% tolerance, you might see distortion at higher volumes...

http://www.edaboard.com/thread259609.html

Maybe you could parallel another cap with yours to test...

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Maybe we already did this, but look again at the middle pin of the AF Gain pot (wiper) and see what that looks like during breakup. We still need to look at t U9CA and U9CB pins referenced in my earlier post. I believe (I'll confirm later) U9 is the SMD chip between the AF pot and LM386.

If things look good there- we have a bad LM386. I had one go squirrelly in a Dentron MLX-20B QRP rig. So it can happen.

Dale

Dale

----- Original Message -----

From: pezcat19@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Tuesday, September 24, 2013 4:06 AM

Subject: [X1M_QRP-Transceiver] RE: XM-1 Audio break up

Hi Dale,

I have had a 'poke around' the LM358 on the top board (located between the LM386 and the volume pot - I assume this is U9CB as I have the schematic but not a component/board layout diagram.)

Pin 7 and pin 1 go crazy when the audio breakup occurs - I am seeing the same thing that I have observed in the previous tests around the LM386 and the volume pot pins.

< p style="color:rgb(0, 0, 0);font-size:13px;font-family:arial, helvetica, clean, sans-serif;background-color:transparent;font-style:normal;">What should I see on 9850 DDS IC on Pin 21? I am seeing what looks like a steady HF sine signal that is not changing with the audio breakup. (I guess this rules out the BFO?)... note - I have noticed that my CRO probe "loads" this pin down and reduces my audio output a little when it is connected.

Hmmm. Nothing is jumping out at me yet. What do you recommend I try next? Deeper into the audio stage we go perhaps?

Thanks again for your help!

Perrin VK3XPT

No virus found in this message.
Checked by AVG - www.avg.com (http://www.avg.com)
Version: 2014.0.4117 / Virus Database: 3604/6687 - Release Date: 09/21/13

1547. RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-27 09:32:44 UTC
From: <hanshvollmer@...>
Topic: 1535 Message: 1547

Hi Dale,

take me to the list too

Hans DF5SR

---In x1m_qrp-transceiver@yahoogroups.com, <andreas.fuehrmann@...> wrote:

Take me to your list!

Andy DC3AFA

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

I'm in too!

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Can I get a rough show of hands as to how many might be interested in adding AGC to their X1M PRO's?

Once the design is finalized, I'll order boards and SMD parts. I envision the board as being smaller than a postage stamp and affixing to the top board via @X tape directly behind the LM386 IC. You will have to lift pin 5 of the MC1350 and make 4 connections- GND/VCC/ Audio In/AGC out.

Tnx,

Dale W4OP

1548. Re: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-27 11:02:16 UTC
From: Uli Zabe
Topic: 1535 Message: 1548

Hi Dale,
is a schematic available?

Regards
Uli DF7IY

Am 27.09.2013 00:00, schrieb parinc1@...:
>
>
> Can I get a rough show of hands as to how many might be interested in
> adding AGC to their X1M PRO's?
>
> Once the design is finalized, I'll order boards and SMD parts. I
> envision the board as being smaller than a postage stamp and affixing
> to the top board via @X tape directly behind the LM386 IC. You will
> have to lift pin 5 of the MC1350 and make 4 connections- GND/VCC/
> Audio In/AGC out.
>
> Tnx,
>
> Dale W4OP
>
>
>

1549. RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-27 11:52:02 UTC
From: <kelandis@...>
Topic: 1535 Message: 1549

Count me in!
de Kent
N8ZRD

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Can I get a rough show of hands as to how many might be interested in adding AGC to their X1M PRO's?

Once the design is finalized, I'll order boards and SMD parts. I envision the board as being smaller than a postage stamp and affixing to the top board via @X tape directly behind the LM386 IC. You will have to lift pin 5 of the MC1350 and make 4 connections- GND/VCC/ Audio In/AGC out.

Tnx,

Dale W4OP

1550. Re: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-27 12:50:10 UTC
From: Dale Parfitt
Topic: 1535 Message: 1550

I'll post a schematic as soon as the JFET op amps come in as I am still tinkering.

Dale W4OP

----- Original Message -----
From: Uli Zabe
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, September 27, 2013 7:02 AM
Subject: Re: [X1M_QRP-Transceiver] X1M AGC

Hi Dale,
is a schematic available?

Regards
Uli DF7IY

Am 27.09.2013 00:00, schrieb parinc1@...:

Can I get a rough show of hands as to how many might be interested in adding AGC to their X1M PRO's?

Once the design is finalized, I'll order boards and SMD parts. I envision the board as being smaller than a postage stamp and affixing to the top board via @X tape directly behind the LM386 IC. You will have to lift pin 5 of the MC1350 and make 4 connections- GND/VCC/ Audio In/AGC out.

Tnx,

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6700 - Release Date: 09/26/13

1551. Re: [X1M_QRP-Transceiver] RE: XM-1 Audio break up

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-27 12:52:08 UTC
From: Dale Parfitt
Topic: 1476 Message: 1551

Fantastic Perrin. I believe I mentioned that I had one go bad in my little Dentron MLXB 20M rig. It was a devil to get to, but worth the effort.
So glad that one is solved due mostly to your persistence.

Dale W4OP
----- Original Message -----
From: pezcat19@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, September 27, 2013 2:18 AM
Subject: [X1M_QRP-Transceiver] RE: XM-1 Audio break up

Great News!!!!!

A few days ago I ordered some new LM386's, and they arrived here today. I ordered these because all of the testing I have done so far been rather inconclusive, with the audio breakup being 'visible' on the scope basically everywhere in the audio stage (It was not really pointing me one way or another)... I wanted to replace my LM386 before I started digging too much deeper into my X1M-PRO to see if there was any change...

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Thanks especially to Dale W4OP, and also the rest of the group for your help and suggestions. Now I will be able to jump head first into the AGC modifications knowing that all is well with my rig!

73,

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐

Thank you for the update Perrin,
When you mentioned Pin 7 and Pin1 I was not looking at the schematic and did not know you were referring to U9 pins.
This then would seem to move us away from issues with the LM386 itself.
When you looked at the 9V rail during break up - I am assuming this was with a scope? If not, we need to observe it under break up- AC coupled to the scope so you can see smaller fluctuations. At the very least put your voltmeter on AC so you can see fluctuations better, but the scope would be far better.
Fascinating!
Dale W4OP----- Original Message -----
From: pezcat19@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, September 24, 2013 12:37 PM

Subject: [X1M_QRP-Transceiver] RE: XM-1 Audio break up

Hi Dale and onionman51,

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@onionman51 - Thanks for this advice and information. I will have a look at this capacitor value and will let you know what I find. Interesting stuff!

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Thanks again guys! :)

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

Hi,

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http://www.edaboard.com/thread259609.html

Maybe you could parallel another cap with yours to test...

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Maybe we already did this, but look again at the middle pin of the AF Gain pot (wiper) and see what that looks like during breakup. We still need to look at t U9CA and U9CB pins referenced in my earlier post. I believe (I'll confirm later) U9 is the SMD chip between the AF pot and LM386.
If things look good there- we have a bad LM386. I had one go squirrelly in a Dentron MLX-20B QRP rig. So it can happen.

Dale

Dale
----- Original Message -----
From: pezcat19@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, September 24, 2013 4:06 AM
Subject: [X1M_QRP-Transceiver] RE: XM-1 Audio break up

Hi Dale,

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< p style="color:rgb(0, 0, 0);font-size:13px;font-family:arial, helvetica, clean, sans-serif;background-color:transparent;font-style:normal;">What should I see on 9850 DDS IC on Pin 21? I am seeing what looks like a steady HF sine signal that is not changing with the audio breakup. (I guess this rules out the BFO?)... note - I have noticed that my CRO probe "loads" this pin down and reduces my audio output a little when it is connected.

Hmmm. Nothing is jumping out at me yet. What do you recommend I try next? Deeper into the audio stage we go perhaps?

Thanks again for your help!

Perrin VK3XPT

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4117 / Virus Database: 3604/6687 - Release Date: 09/21/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6700 - Release Date: 09/26/13

1552. Re: [X1M_QRP-Transceiver] RE: XM-1 Audio break up

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-27 13:01:55 UTC
From: Perrin Trease
Topic: 1476 Message: 1552

Indeed you did mention that Dale, and as it is easy to replace I figured it was worth doing.

There was another group member who had a similar problem a couple of months ago I recall, so hopefully this info will help some others along the way.

Thanks again Dale for your great help with this one!

73

Perrin vk3xpt

On Sep 27, 2013 10:52 PM, "Dale Parfitt" <parinc1@frontier.com> wrote:
>
>
>
>
> Fantastic Perrin. I believe I mentioned that I had one go bad in my little Dentron MLXB 20M rig. It was a devil to get to, but worth the effort.
> So glad that one is solved due mostly to your persistence.
>
> Dale W4OP
>>
>> ----- Original Message -----
>> From: pezcat19@hotmail.com
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: Friday, September 27, 2013 2:18 AM
>> Subject: [X1M_QRP-Transceiver] RE: XM-1 Audio break up
>>
>>
>>
>> Great News!!!!!
>>
>>
>> A few days ago I ordered some new LM386's, and they arrived here today. I ordered these because all of the testing I have done so far been rather inconclusive, with the audio breakup being 'visible' on the scope basically everywhere in the audio stage (It was not really pointing me one way or another)... I wanted to replace my LM386 before I started digging too much deeper into my X1M-PRO to see if there was any change...
>>
>>
>> Guess what!? Problem SOLVED! The new LM386 has done the trick! No more audio break-ups here. I am now a happy X1M-PRO user!
>>
>>

>> Thanks especially to Dale W4OP, and also the rest of the group for your help and suggestions. Now I will be able to jump head first into the AGC modifications knowing that all is well with my rig!
>>
>>
>> 73,
>>
>>
>> Perrin VK3XPT
>>
>>
>>
>>
>>
>> ---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:
>>
>>
>>
>> Thank you for the update Perrin,
>> When you mentioned Pin 7 and Pin1 I was not looking at the schematic and did not know you were referring to U9 pins.
>> This then would seem to move us away from issues with the LM386 itself.
>> When you looked at the 9V rail during break up - I am assuming this was with a scope? If not, we need to observe it under break up- AC coupled to the scope so you can see smaller fluctuations. At the very least put your voltmeter on AC so you can see fluctuations better, but the scope would be far better.
>> Fascinating!
>> Dale W4OP----- Original Message -----
>>>>
>>>> From: pezcat19@...
>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>> Sent: Tuesday, September 24, 2013 12:37 PM
>>>> Subject: [X1M_QRP-Transceiver] RE: XM-1 Audio break up
>>>>
>>>>
>>>>
>>>> Hi Dale and onionman51,
>>>>
>>>>
>>>> @Dale - I have checked this out in the past. The AF Gain pot middle pin goes 'crazy' during the audio breakup. So do the pins of U9 (assuming U9 is the IC located between the Volume Pot and the LM386)... From my earlier post: "Pin 7 and pin 1 go crazy when the audio breakup occurs - I am seeing the same thing that I have observed in the previous tests around the LM386 and the volume pot pins."
>>>>
>>>>
>>>> @onionman51 - Thanks for this advice and information. I will have a look at this capacitor value and will let you know what I find. Interesting

stuff!
>>>>
>>>>
>>>>
>>>> -So, pending the LM386 pin7 capacitor value is good, I might replace the LM386 for good measure. (As you say Dale, it may have a problem)... I wish the problem was obvious, but these thing never seem to be easy when you want them to be. :) ... I will report back, but welcome any other thoughts you may have.
>>>>
>>>>
>>>> Thanks again guys! :)
>>>>
>>>>
>>>> Perrin VK3XPT
>>>>
>>>>
>>>>
>>>>
>>>> ---In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:
>>>>
>>>> Hi,
>>>>
>>>>
>>>> Take a look at comment 2 on this page. The pin 7 cap to ground helps with noise on the power rails, and my experience with AD9850s suggests they put out lots of noise. If the pin 7 to ground cap is defective or even at the limit of the normal +\- 50% tolerance, you might see distortion at higher volumes...
>>>>
>>>>
>>>> http://www.edaboard.com/thread259609.html
>>>>
>>>>
>>>> Maybe you could parallel another cap with yours to test...
>>>>
>>>>
>>>>
>>>> ---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:
>>>>
>>>>
>>>> Maybe we already did this, but look again at the middle pin of the AF Gain pot (wiper) and see what that looks like during breakup. We still need to look at t U9CA and U9CB pins referenced in my earlier post. I believe (I'll confirm later) U9 is the SMD chip between the AF pot and LM386.
>>>> If things look good there- we have a bad LM386. I had one go squirrelly in a Dentron MLX-20B QRP rig. So it can happen.
>>>>
>>>> Dale
>>>>

>>>> Dale
>>>>>>>
>>>>>>> ----- Original Message -----
>>>>>>> From: pezcat19@...
>>>>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>>>>> Sent: Tuesday, September 24, 2013 4:06 AM
>>>>>>> Subject: [X1M_QRP-Transceiver] RE: XM-1 Audio break up
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>> Hi Dale,
>>>>>>>
>>>>>>>
>>>>>>> I have had a 'poke around' the LM358 on the top board (located
between the LM386 and the volume pot - I assume this is U9CB as I have the
schematic but not a component/board layout diagram.)
>>>>>>>
>>>>>>>
>>>>>>> Pin 7 and pin 1 go crazy when the audio breakup occurs - I am
seeing the same thing that I have observed in the previous tests around the
LM386 and the volume pot pins.
>>>>>>>
>>>>>>>
>>>>>>> < p style="color:rgb(0, 0, 0);font-size:13px;font-family:arial,
helvetica, clean,
sans-serif;background-color:transparent;font-style:normal;">What should I
see on 9850 DDS IC on Pin 21? I am seeing what looks like a steady HF sine
signal that is not changing with the audio breakup. (I guess this rules out
the BFO?)... note - I have noticed that my CRO probe "loads" this pin down
and reduces my audio output a little when it is connected.
>>>>>>>
>>>>>>>
>>>>>>> Hmmm. Nothing is jumping out at me yet. What do you recommend I try
next? Deeper into the audio stage we go perhaps?
>>>>>>>
>>>>>>>
>>>>>>> Thanks again for your help!
>>>>>>>
>>>>>>>
>>>>>>> Perrin VK3XPT
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>> No virus found in this message.
>>>> Checked by AVG - www.avg.com
>>>> Version: 2014.0.4117 / Virus Database: 3604/6687 - Release Date:
09/21/13
>>
>> No virus found in this message.

>> Checked by AVG - www.avg.com
>> Version: 2014.0.4142 / Virus Database: 3604/6700 - Release Date: 09/26/13
>
>

1553. Re: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-27 14:49:53 UTC
From: james crooke
Topic: 1535 Message: 1553

Dale, I don't have my rig yet but will want the board when you have them.

Jim K0ESE

> Can I get a rough show of hands as to how many might be interested in
> adding AGC to their X1M PRO's?
>
> Once the design is finalized, I'll order boards and SMD parts. I
> envision the board as being smaller than a postage stamp and affixing to
> the top board via @X tape directly behind the LM386 IC. You will have to
> lift pin 5 of the MC1350 and make 4 connections- GND/VCC/ Audio In/AGC
> out.
> Tnx,
> Dale W4OP

1554. Re: X1M for sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-27 16:07:49 UTC
From: sbjohnston@...
Topic: 1478 Message: 1554

My X1M has been sold - thanks.

Steve WD8DAS

sbjohnston@...
http://www.wd8das.net/

Radio is your best entertainment value.

1555. RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-27 18:18:45 UTC
From: <vr2af@...>
Topic: 1535 Message: 1555

Count me in please. Tnx.

Albert VR2AF

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Can I get a rough show of hands as to how many might be interested in adding AGC to their X1M PRO's?

Once the design is finalized, I'll order boards and SMD parts. I envision the board as being smaller than a postage stamp and affixing to the top board via @X tape directly behind the LM386 IC. You will have to lift pin 5 of the MC1350 and make 4 connections- GND/VCC/ Audio In/AGC out.

Tnx,

Dale W4OP

1556. RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-27 18:23:22 UTC
From: r mason
Topic: 1535 Message: 1556

I bought WD8DAS Steve's ver.II rig. Count me in too for the AGC board.
Roger
N4HSI

1557. RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-27 18:26:46 UTC
From: <dani.novak.eu@...>
Topic: 1535 Message: 1557

raises paw

---In x1m_qrp-transceiver@yahoogroups.com, <r-mason@...> wrote:

I bought WD8DAS Steve's ver.II rig. Count me in too for the AGC board.
Roger
N4HSI

1558. RE: RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-27 21:24:10 UTC
From: <fpohlmann2@...>
Topic: 1535 Message: 1558

Count me in too

VE2ZFP

73

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I bought WD8DAS Steve's ver.II rig. Count me in too for the AGC board.
Roger
N4HSI

1559. Re: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-28 01:28:48 UTC
From: Bill Smith
Topic: 1535 Message: 1559

I'm in for sure

Bill
KK6WLS
On Sep 26, 2013 3:00 PM, <parinc1@...> wrote:

> **
>
>
> Can I get a rough show of hands as to how many might be interested in
> adding AGC to their X1M PRO's?
>
>
> Once the design is finalized, I'll order boards and SMD parts. I envision
> the board as being smaller than a postage stamp and affixing to the top
> board via @X tape directly behind the LM386 IC. You will have to lift pin 5
> of the MC1350 and make 4 connections- GND/VCC/ Audio In/AGC out.
>
> Tnx,
>
> Dale W4OP
>
>

1560. Re: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-28 07:17:04 UTC
From: Tarunodjojo
Topic: 1535 Message: 1560

Me too..

JOY/YB0NSI

iPhone is Cool !

> On 27 Sep 2013, at 05.26, Perrin Trease <pezcat19@...> wrote:
>
> Count me in!
>
> Cheers,
>
> Perrin vk3xpt
>
>> On Sep 27, 2013 8:00 AM, <parinc1@...> wrote:
>>
>> Can I get a rough show of hands as to how many might be interested in adding AGC to their X1M PRO's?
>>
>>
>> Once the design is finalized, I'll order boards and SMD parts. I envision the board as being smaller than a postage stamp and affixing to the top board via @X tape directly behind the LM386 IC. You will have to lift pin 5 of the MC1350 and make 4 connections- GND/VCC/ Audio In/AGC out.
>>
>> Tnx,
>>
>> Dale W4OP
>
>

1561. serial number

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-28 18:52:20 UTC
From: <ww8o@...>
Topic: 1561 Message: 1561

How do you find the serical number? Just got my X1M Today.

WW8O GARY

1562. upgrade

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-28 19:03:42 UTC
From: <ww8o@...>
Topic: 1562 Message: 1562

Is there a upgrade for he xim pro i have ver. 1.00b usa Sn 00000026.
WW8o Gary

1563. Re: [X1M_QRP-Transceiver] serial number

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-28 19:04:37 UTC
From: Charlie , W5COV
Topic: 1561 Message: 1563

Depends on model and firmware version date . Push and hold F5 for the
Pro version original firmware .

Charlie ,
W5COV

On 9/28/2013 1:52 PM, ww8o@... wrote:
>
> How do you find the serical number? Just got my X1M Today.
>
> WW8O GARY
>
>

1564. Re: [X1M_QRP-Transceiver] upgrade

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-28 19:09:35 UTC
From: Charlie , W5COV
Topic: 1562 Message: 1564

If you have one that does display the serial number by pressing F5 no update is available as of today .Read the manual and quick start guides in the group and you are ready have some fun !!

Charlie , W5COV

On 9/28/2013 2:03 PM, ww8o@... wrote:
>
> Is there a upgrade for he xim pro i have ver. 1.00b usa Sn 00000026.
>
> WW8o Gary
>
>

1565. X1M PRO AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-28 21:00:40 UTC
From: VIDMA MICKEVICIUS
Topic: 1565 Message: 1565

Dear Dale,
Count me in please also, if it is possible.
Tnx.
73 from LY2HT.

1566. RE: [X1M_QRP-Transceiver] serial number

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-28 23:02:46 UTC
From: Gary Stephenson
Topic: 1561 Message: 1566

Thank you Charlie after I post it I seen it. SN XG00000026 and July 20 2013 is the update I have.

Gary WW8O

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: Saturday, September 28, 2013 3:05 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] serial number

Depends on model and firmware version date . Push and hold F5 for the Pro version original firmware .

Charlie ,
W5COV

On 9/28/2013 1:52 PM, ww8o@frontier.com <mailto:ww8o@...> wrote:

How do you find the serical number? Just got my X1M Today.

WW8O GARY

1567. Re: [X1M_QRP-Transceiver] serial number

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-29 00:05:41 UTC
From: Charlie , W5COV
Topic: 1561 Message: 1567

Good deal Gary . It has a few updates that need to be made to the firmware . Not anything that will bother you unless you are a CW guy . The factory should have the update information in hand by now and we should see an update very soon . Yours is as up to date as any available .

I have two of them , the early model and the Pro . I LOVE the little radios !! I use both of mine daily.

73 , Charlie , W5COV

On 9/28/2013 6:02 PM, Gary Stephenson wrote:
>
> Thank you Charlie after I post it I seen it. SN XG00000026 and
> July 20 2013 is the update I have.
>
> Gary WW8O
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Charlie ,
> W5COV
> *Sent:* Saturday, September 28, 2013 3:05 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* Re: [X1M_QRP-Transceiver] serial number
>
> Depends on model and firmware version date . Push and hold F5 for the
> Pro version original firmware .
>
> Charlie ,
> W5COV
>
> On 9/28/2013 1:52 PM, ww8o@... <mailto:ww8o@...> wrote:
>
> How do you find the serical number? Just got my X1M Today.
>
> WW8O GARY
>
>

1568. RE: X1M PRO AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-29 16:59:38 UTC
From: <johnkc8jzo@...>
Topic: 1565 Message: 1568

Hello Dale,

Not sure if you want to mark me down . . . but if I ever do get my radio in, I'm interested too. Still playing the waiting game though.

John Golub
KC8JZO

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Dear Dale,
Count me in please also, if it is possible.
Tnx.

73 from LY2HT.

1569. RE: X1M Pro CW Transceive Problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-30 07:54:50 UTC
From: <zsolt_gyorgy57@...>
Topic: 961 Message: 1569

Hi Ken,

Cw BFO alignement issues is OK? I have same problem with may new X1M trx.
Can you help me?

73/zsolt YO6ZS

---In x1m_qrp-transceiver@yahoogroups.com, <deadgoose@...> wrote:

Generally on in the evenings, but have a bunch of company (daughter and family) for next couple of days, so hamming will be nil.

What frequency should I monitor??

73 /paul W3FIS

1570. X1M Pro for Sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-30 10:17:45 UTC
From: <marco.scholz@...>
Topic: 1570 Message: 1570

Hello,
i have to sell my brand new X1M Pro. Bought from WIMO in Germany and received this month. All fine and it comes with invoice and all documentation. 275Euro plus shipping.If you like +10Euro for the CAT Interface adapter cable.
vy73
Marco, DD7PC

1571. Re: [X1M_QRP-Transceiver] RE: X1M Pro CW Transceive Problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-30 12:49:30 UTC
From: Ken Downs
Topic: 961 Message: 1571

Zsolt,
At this time we are waiting for new firmware. If you adjust the cw BFO so that the transmitted signal is on the indicated dial frequency (use a calibrated receiver or a frequency counter), you will find that a received signal on that frequency is zero beat - there is no audible beatnote. RIT and SPLIT mode both fail to work correctly in cw. To do cw now you must receive on one VFO and transmit on the other, and switch manually between them to go from RX to TX and back, or, do cw in SSB mode by injecting an audio tone into the mic input as you would to operate PSK31 or some other digital mode.

We are all hoping the new firmware will correct these problems and be released soon.
73,
Ken, W1KRT

On Sep 30, 2013, at 3:54 AM, <zsolt_gyorgy57@...> wrote:

Hi Ken,

Cw BFO alignement issues is OK? I have same problem with may new X1M trx.

Can you help me?

73/zsolt YO6ZS

---In x1m_qrp-transceiver@yahoogroups.com, <deadgoose@...> wrote:

Generally on in the evenings, but have a bunch of company (daughter and family) for next couple of days, so hamming will be nil.

What frequency should I monitor??

73 /paul W3FIS

1572. RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-30 14:42:38 UTC
From: <bobgoyetche@...>
Topic: 1535 Message: 1572

Count me in as well !

Bob VE2PDT

---In x1m_qrp-transceiver@yahoogroups.com, <yc0nsi@...> wrote:

Me too..

JOY/YB0NSI

iPhone is Cool !

On 27 Sep 2013, at 05.26, Perrin Trease <pezcat19@...> wrote:

Count me in!

Cheers,

Perrin vk3xpt

On Sep 27, 2013 8:00 AM, <parinc1@...> wrote:

Can I get a rough show of hands as to how many might be interested in adding AGC to their X1M PRO's?

Once the design is finalized, I'll order boards and SMD parts. I envision the board as being smaller than a postage stamp and affixing to the top board via @X tape directly behind the LM386 IC. You will have to lift pin 5 of the MC1350 and make 4 connections- GND/VCC/ Audio In/AGC out.

Tnx,

Dale W4OP

1573. RE: X1M Pro for Sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-09-30 20:41:48 UTC
From: <marco.scholz@...>
Topic: 1570 Message: 1573

thanks, sold now!

---In x1m_qrp-transceiver@yahoogroups.com, <marco.scholz@...> wrote:

Hello,
i have to sell my brand new X1M Pro. Bought from WIMO in Germany and received this month. All fine and it comes with invoice and all documentation. 275Euro plus shipping.If you like +10Euro for the CAT Interface adapter cable.
vy73
Marco, DD7PC

1574. RE: Re: [X1M_QRP-Transceiver] RE: X1M Pro CW Transceive Problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-01 13:47:15 UTC
From: <zsolt_gyorgy57@...>
Topic: 961 Message: 1574

Hi Ken,

Thank you for information, and I will try to use the CW mode to switching between RX and TX :)
and waiting for the new firmaware...

Regards,
73/Zsolt-yo6zs

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Zsolt,
At this time we are waiting for new firmware. If you adjust the cw BFO so that the transmitted signal is on the indicated dial frequency (use a calibrated receiver or a frequency counter), you will find that a received signal on that frequency is zero beat - there is no audible beatnote. RIT and SPLIT mode both fail to work correctly in cw. To do cw now you must receive on one VFO and transmit on the other, and switch manually between them to go from RX to TX and back, or, do cw in SSB mode by injecting an audio tone into the mic input as you would to operate PSK31 or some other digital mode.

We are all hoping the new firmware will correct these problems and be released soon.
73,
Ken, W1KRT

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Hi Ken,

Cw BFO alignement issues is OK? I have same problem with may new X1M trx.
Can you help me?

73/zsolt YO6ZS

---In x1m_qrp-transceiver@yahoogroups.com, <deadgoose@...> wrote:

Generally on in the evenings, but have a bunch of company (daughter and family) for next couple of days, so hamming will be nil.

What frequency should I monitor??

73 /paul W3FIS

1575. RE: X1M Keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-02 19:08:28 UTC
From: <yl2fd@...>
Topic: 1461 Message: 1575

Hallo Dale

Do You have Pro version of x1m?
My Pro seems do the same. Seems mistake in programming of keyer. They missed value of spacing.
Other folks seems use external key or stright one :)
Can You heard some progress in this case?
Andris YL2FD

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

☐
I have just completed looking at the keyer in the XM-1.

I set the speed at 25wpm for convenience.

DOTS= 25mSec

DASHES= 75MSec

So far so good as theoretically a dash= 3XDot

Dot spaces= 74MSec

Dash Spaces=74MSec

In theory a the space between successive dots (element spacing) = 1DOT length and the same for Dashes.

So Dash spaces are 3X longer than they should be and dot spaces are also 3X longer than they should be.

The spacing between characters is 5XDot- some like this feature, others do not.

Some variance is OK -known as weighting, but w/o that feature, the keyer should be spot on as to the dot and dash length and element spacing.

If this data reaches the designers, please also ask them to add dot and dash memory. The coding is simple and makes the keyer so much more usable.

Dale W4OP

1576. RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-02 19:19:19 UTC
From: <neilgoldstein@...>
Topic: 1535 Message: 1576

As long as it works in the original model, I'll take one! Thanks!

---In x1m_qrp-transceiver@yahoogroups.com, <bobgoyetche@...> wrote:

Count me in as well !

Bob VE2PDT

---In x1m_qrp-transceiver@yahoogroups.com, <yc0nsi@...> wrote:

Me too..

JOY/YB0NSI

iPhone is Cool !

On 27 Sep 2013, at 05.26, Perrin Trease <pezcat19@...> wrote:

Count me in!

Cheers,

Perrin vk3xpt

On Sep 27, 2013 8:00 AM, <parinc1@...> wrote:

Can I get a rough show of hands as to how many might be interested in adding AGC to their X1M PRO's?

Once the design is finalized, I'll order boards and SMD parts. I envision the board as being smaller than a postage stamp and affixing to the top board via @X tape directly behind the LM386 IC. You will have to lift pin 5 of the MC1350 and make 4 connections- GND/VCC/ Audio In/AGC out.

Tnx,

Dale W4OP

1577. Re: [X1M_QRP-Transceiver] RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-02 19:56:41 UTC
From: Dale Parfitt
Topic: 1535 Message: 1577

I do not have an original model, but do know that the MC1350 is an SMD in that model, so you will have to be working with that.
Again, I have no way of testing the AGC ckt on the original model.

Dale W4OP

----- Original Message -----
From: neilgoldstein@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 02, 2013 3:19 PM
Subject: [X1M_QRP-Transceiver] RE: X1M AGC

As long as it works in the original model, I'll take one! Thanks!

---In x1m_qrp-transceiver@yahoogroups.com, <bobgoyetche@...> wrote:

Count me in as well !

Bob VE2PDT

---In x1m_qrp-transceiver@yahoogroups.com, <yc0nsi@...> wrote:

Me too..

JOY/YB0NSI

iPhone is Cool !

On 27 Sep 2013, at 05.26, Perrin Trease <pezcat19@...> wrote:

Count me in!

Cheers,

Perrin vk3xpt

On Sep 27, 2013 8:00 AM, <parinc1@...> wrote:

Can I get a rough show of hands as to how many might be interested in adding AGC to their X1M PRO's?

Once the design is finalized, I'll order boards and SMD parts. I envision the board as being smaller than a postage stamp and affixing to the top board via @X tape directly behind the LM386 IC. You will have to lift pin 5 of the MC1350 and make 4 connections- GND/VCC/ Audio In/AGC out.

Tnx,

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6700 - Release Date: 09/26/13

1578. Re: [X1M_QRP-Transceiver] RE: X1M Keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-02 20:03:39 UTC
From: Dale Parfitt
Topic: 1461 Message: 1578

Yes, mine is the PRO version. The issue is the element spacing (from memory) they are using 3X DOT length in between elements and it should be=DOT length. The bug has been reported.

Dale W4OP
----- Original Message -----
From: yl2fd@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 02, 2013 3:08 PM
Subject: [X1M_QRP-Transceiver] RE: X1M Keyer

Hallo Dale

Do You have Pro version of x1m?
My Pro seems do the same. Seems mistake in programming of keyer. They missed value of spacing.
Other folks seems use external key or stright one :)
Can You heard some progress in this case?
Andris YL2FD

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

☐
I have just completed looking at the keyer in the XM-1.
I set the speed at 25wpm for convenience.

DOTS= 25mSec
DASHES= 75MSec

So far so good as theoretically a dash= 3XDot

Dot spaces= 74MSec
Dash Spaces=74MSec

In theory a the space between successive dots (element spacing) = 1DOT length and the same for Dashes.

So Dash spaces are 3X longer than they should be and dot spaces are also 3X longer than they should be.

The spacing between characters is 5XDot- some like this feature, others do not.

Some variance is OK -known as weighting, but w/o that feature, the keyer should be spot on as to the dot and dash length and element spacing.

If this data reaches the designers, please also ask them to add dot and dash memory. The coding is simple and makes the keyer so much more usable.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6700 - Release Date: 09/26/13

1579. Key down

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-04 06:58:52 UTC
From: Victor Schensnovich
Topic: 1579 Message: 1579

Hi friends, who knows, if I want to tune antenna, how to do key down and is it possible to adjust power output?
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

1580. Re: Key down

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-04 11:41:54 UTC
From: David Harvey
Topic: 1579 Message: 1580

Hello Victor,

You can hold down a straight morse key, and that will send out a carrier at maximum power. Or you can use an Iambic paddle and send several strings of dits. (This will drop the carrier between dits, and thus will help to prevent over-heating your rig.

Cheers,

David Harvey, VK2DMH
SKCC #10617, FP #3184, NAQCC #6734

Mobile: 0405 939 431
Home: +61 (0)2 9875 1203
email: gedanate@...
web: www.davidharveysydney.com
blog: http://low-fat-food-is-a-lie.blogspot.com.au/
other: http://walkietalkietwowayradios.com/

1581. Re: [X1M_QRP-Transceiver] Re: Key down

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-04 12:02:06 UTC
From: Victor Schensnovich
Topic: 1579 Message: 1581

04.10.2013 15:41, David Harvey ?????:
> Hello Victor,
>
> You can hold down a straight morse key, and that will send out a
> carrier at maximum power. Or you can use an Iambic paddle and send
> several strings of dits. (This will drop the carrier between dits, and
> thus will help to prevent over-heating your rig.
>
> Cheers,
>
> David Harvey, VK2DMH
> SKCC #10617, FP #3184, NAQCC #6734
>
> Mobile: 0405 939 431
> Home: +61 (0)2 9875 1203
> email: gedanate@...
> web: www.davidharveysydney.com <http://www.davidharveysydney.com/>
> blog: http://low-fat-food-is-a-lie.blogspot.com.au/
> other: http://walkietalkietwowayradios.com/
>
Ok David, thank you for your info. I thought, maybe, some function in
menu for this purpose. Do you know, where it is possible to download
shematic of X1M pro?
Victor, UA1CEX.

1582. Re: Key down

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-04 12:06:35 UTC
From: Paul W. Ross
Topic: 1579 Message: 1582

Set to CW, press key. Use the "manual" keyer position. No way to adjust power, however. If you were to use tone injection, then power out proportional to tone level in, however.

73 /paul W3FIS

1583. Re: [X1M_QRP-Transceiver] Re: Key down

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-04 12:22:50 UTC
From: Victor Schensnovich
Topic: 1579 Message: 1583

04.10.2013 16:06, Paul W. Ross ?????:
>
> Set to CW, press key. Use the "manual" keyer position. No way to adjust
> power, however. If you were to use tone injection, then power out
> proportional to tone level in, however.
>
> 73 /paul W3FIS
>
>
Ok, Paul, thank you. Do you know where to take a schematic of X1M pro?
Victor, UA1CEX.

1584. Re: [X1M_QRP-Transceiver] Re: Key down

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-04 16:05:19 UTC
From: Charlie , W5COV
Topic: 1579 Message: 1584

Hi Victor ,

There are schematics in the files section of this group for both the original X1M and the PRO also .

Paul has you covered on the other questions . Paul was the editor in chief and one of the consultants that also wrote a manual and a "cheat sheet" for the PRO , which is also in the files section for this group .

Charlie , W5COV

On 10/4/2013 7:22 AM, Victor Schensnovich wrote:
>
> 04.10.2013 16:06, Paul W. Ross ?????:
>>
>> Set to CW, press key. Use the "manual" keyer position. No way to adjust
>> power, however. If you were to use tone injection, then power out
>> proportional to tone level in, however.
>>
>> 73 /paul W3FIS
>>
> Ok, Paul, thank you. Do you know where to take a schematic of X1M pro?
> Victor, UA1CEX.
>

1585. Re: [X1M_QRP-Transceiver] Re: Key down

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-04 16:19:37 UTC
From: Charlie , W5COV
Topic: 1579 Message: 1585

Paul and I both use sound card digital modes . You can adjust your output level by by controlling the amount of audio going to the radio for this as well as in regular LSB and USB phone modes .

Like Paul said , there is no way to change the CW output power .

OOOPS I see Paul covered the tone injection for power level too .

I just stated it a little different .

How much lower in CW power do you want , or need to go ? If you are needing to drop it for a transverter you can always insert an attenuator in the input line , which is what I do when I drive my 600 meter , 1750 meter , and 2200 meter transverter . I also do the same thing to drive my VHF 222 MHz. transverter .

I switch the external attenuator out on receive .

Charlie , W5COV

On 10/4/2013 7:06 AM, Paul W. Ross wrote:
>
> Set to CW, press key. Use the "manual" keyer position. No way to adjust
> power, however. If you were to use tone injection, then power out
> proportional to tone level in, however.
>
> 73 /paul W3FIS
>
>

1586. Re: Re: [X1M_QRP-Transceiver] Re: Key down

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-04 16:35:00 UTC
From: Victor Schensnovich
Topic: 1579 Message: 1586

Charlie, I cannot find schematic in file section. Could you give me a link. Thank you.
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

"Charlie , W5COV" <cvest@...> wrote:

Hi Victor ,

There are schematics in the files section of this group for both the original X1M and the PRO also .

Paul has you covered on the other questions . Paul was the editor in chief and one of the consultants that also wrote a manual and a "cheat sheet" for the PRO , which is also in the files section for this group .

Charlie , W5COV

On 10/4/2013 7:22 AM, Victor Schensnovich wrote:

04.10.2013 16:06, Paul W. Ross пишет:

Set to CW, press key. Use the "manual" keyer position. No way to adjust
power, however. If you were to use tone injection, then power out
proportional to tone level in, however.

73 /paul W3FIS

Ok, Paul, thank you. Do you know where to take a schematic of X1M pro?
Victor, UA1CEX.

1587. Re: Re: Re: [X1M_QRP-Transceiver] Re: Key down

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-04 16:36:54 UTC
From: Victor Schensnovich
Topic: 1579 Message: 1587

Charlie, thank you for the link!
Victor, ua1cex.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

Victor Schensnovich <ua1cex@...> wrote:

Charlie, I cannot find schematic in file section. Could you give me a link. Thank you.
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

"Charlie , W5COV" <cvest@...> wrote:

Hi Victor ,

There are schematics in the files section of this group for both the original X1M and the PRO also .

Paul has you covered on the other questions . Paul was the editor in chief and one of the consultants that also wrote a manual and a "cheat sheet" for the PRO , which is also in the files section for this group .

Charlie , W5COV

On 10/4/2013 7:22 AM, Victor Schensnovich wrote:

04.10.2013 16:06, Paul W. Ross пишет:

Set to CW, press key. Use the "manual" keyer position. No way to adjust
power, however. If you were to use tone injection, then power out
proportional to tone level in, however.

73 /paul W3FIS

Ok, Paul, thank you. Do you know where to take a schematic of X1M pro?
Victor, UA1CEX.

1588. PRO AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-04 19:26:52 UTC
From: <parinc1@...>
Topic: 1588 Message: 1588

I just tried my prototype AGC board on a 2nd PRO and the rig behaved identically to mine. So,as time permits I'll begin laying out the SMD PCB.

Dale W4OP

1589. KN-920 Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-05 13:15:14 UTC
From: Fred VE3FAL
Topic: 1589 Message: 1589

So I got a set of finals, took the old ones out and checked to see if I had any other issues in the area of the finals other than the burnt trace and all looked good. Replaced the finals and repaired the burnt trace. Turned power on and no smoke, keyed up with dummy load and watt meter on and RF power turned all the way down, brought power up to two(2) watts and keyed for a few seconds, smiled and then poof, magic smoke on the other final trace and blew same way first one did. Told supplier who asked me to send it to him who would send to maker and if other issue causing problem that they would cover cost of shipping. I said no thanks will bite the bullet on this one and let someone else play with it. Buy something else gang, I just picked up Vertex VX-1700 for $600.00 shipped that was in near new condition..So be careful

Fred VE3FAL

1590. Re: Key down

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-05 14:01:37 UTC
From: Paul W. Ross
Topic: 1579 Message: 1590

Charlie is much to kind on my writing efforts. I have found that if I either write up something, or teach it, I get a better understanding (25+ years in the college classroom).

Charlie and Fred contributed a GREAT DEAL to my understanding.

It is ironic, my X1M pooped out on 20, 15, and 10 meters, or actually may never have worked at all on those bands. I returned it to Ed, and of course, I am waiting like everyone else for the late October production run. I am suffering serious withdrawal symptoms.... <grin>

73 /paul W3FIS

1591. First Contacts

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-05 20:42:19 UTC
From: <kelandis@...>
Topic: 1591 Message: 1591

Hello All,

Just wanted to report my first contacts were made today on15 and 20 meters SSB!! I worked 6 guys during the California QSO Party contest today from my home near Dayton, Ohio!

Working condx:

XM1 Pro

Stock hand Mic

MFJ qrp wattmeter

Antenna: 1000 ft. horizontal loop @ 45ft fed with homebrew open wire feeders. (maybe thats cheating?? hi)

DX engineering 1:1 current balun

Amp Supply AT-1200 tuner (20 meters)
LDG z-11 Pro2 15 meters

Power out: 5 watts

Cant wait for the AGC mod as the static crashes were murder here today!!

73 all de Kent

N8ZRD

1592. Re: [X1M_QRP-Transceiver] First Contacts

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-05 21:54:25 UTC
From: Charlie , W5COV
Topic: 1591 Message: 1592

GREAT to see you having fun with it Kent !!! Naw not cheating at all . QRP is more about the antenna than anything else . Some great designs have come from QRP operation .

Lots of guys use beverages into the thousands of feet . I likely am going to be among that group at times this winter when I go to the farm to do my MF/LF listening tests and experiments .

You are just one of the really fortunate guys to have the room for such a good antenna . Lots of guys use many element beams on towers that go into the hundreds of feet , some people live on nice high locations .

Your antenna is also an advantage to other QRP operators , that you likely wouldn't hear if you didn't have it .

Congratulations !!

Charlie , W5COV

On 10/5/2013 3:42 PM, kelandis@... wrote:
>
> Hello All,
>
>
> Just wanted to report my first contacts were made today on15 and 20
> meters SSB!! I worked 6 guys during the California QSO Party contest
> today from my home near Dayton, Ohio!
>
>
> Working condx:
>
>
> XM1 Pro
>
> Stock hand Mic
>
> MFJ qrp wattmeter
>
>
> Antenna: 1000 ft. horizontal loop @ 45ft fed with homebrew open
> wire feeders. (maybe thats cheating?? hi)
>
> DX engineering 1:1 current balun
>
>
> Amp Supply AT-1200 tuner (20 meters)

>
> LDG z-11 Pro2 15 meters
>
> Power out: 5 watts
>
>
> Cant wait for the AGC mod as the static crashes were murder here today!!
>
>
> 73 all de Kent
>
> N8ZRD
>
>

1593. Re: First Contacts

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-05 22:03:04 UTC
From: Ian Coots
Topic: 1591 Message: 1593
Attachments: 1 described; binary payloads are missing from this source WARC

My first real contact last night .VK3 to ZL.a tiny 32' end fed antenna. I received a 3/9 signal report. I'm happy!

Regards,

Ian Coots (VK3YIC)

ausflag

1594. Re: [X1M_QRP-Transceiver] Re: First Contacts

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-05 22:32:53 UTC
From: Charlie , W5COV
Topic: 1591 Message: 1594
Attachments: 1 described; binary payloads are missing from this source WARC

Ian , this week has been pretty bad here for conditions so if yours have been anywhere close to similar , that is a great contact .

Once enough people , like you , around the world get these sweet little gems in their hands , we are going to have to have a weekly net and or some suggested "watering hole" frequencies on the different bands so we can all work other X1M 's . I have made many contacts , but none so far with another X1M .

I am however going to be doing some other antenna work this week , improving antennas , including adding an

OMNIANGLE , designed and built by our own group member W4OP , Dale Parfitt , (X1M AGC Designer)

http://www.parelectronics.com/hf-omnis.php

So hopefully this winter I am going to be working many of you .

Charlie , W5COV

On 10/5/2013 5:03 PM, Ian Coots wrote:
>
> My first real contact last night ...VK3 to ZL...a tiny 32' end fed
> antenna. I received a 3/9 signal report. I'm happy!
>
> //
>
> Regards,
>
> Ian Coots (VK3YIC)
>
> ausflag
>
>

1595. RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-06 00:58:15 UTC
From: <lphebus@...>
Topic: 1193 Message: 1595

I've bread boarded and tested an audio compressor circuit. Pictures are in the "Photos" section. Compression is adjustable from 1:1 to 6.25:1 which seems like plenty to me. It really helps the audio "punch" of the X1M. My plan is to put the circuit in the microphone case with a couple AAA batteries for power. I thought I would use a design like this http://www.qrpkits.com/microphone.html . I tried to power it from the +5 volts the socket provides for the electret microphone, but the compressor current draw, although small (<3mA), loaded the 5V down to about 1.7 V. I am surprised by this. The AAA batteries should last a long time however. There are two potentiometers (blue) in the bread boarded circuit. The left is the compression level (Rcomp) and the right is the attenuator adjustment. The output of the compressor chip is a bit too high to feed directly into the X1M.

---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

LOL Maybe that is why I am an old bachelor . My two dogs don't seem to complain at all and I am a true night person so I am not normally even on the net this early in the morning .

I work DX , various digital modes , the part 15 bands , and I am working on a new part 5 license , where the bands are night time bands , plus I have always enjoyed the peace and quiet of the wee morning hours .

If the bands aren't open I ALWAYS have at least one project on the bench that I am building and usually several at the same time .

However since I went to computer logging , I have gone back to using headsets , so my hands are pretty much free to type when I am on phone . One day I may need to add VOX to the X1M . Right now I have a momentary push button in a film can type plastic container to activate the PTT , until I decide what I want to put in a mic interface box for this little gem or see if I can possibly work with smaller SMT devices and squeeze something inside of it. I can go smaller but 1206 are the smallest I am really at ease with and they are fast disappearing from the market .

Charlie , W5COV

On 9/22/2013 10:36 AM, M_AND_R_SHAREF wrote:

I use to do all my operating late at night. CW and head phones are the way to go if you want to stay married. HI 73

On Sat, Sep 21, 2013 at 12:47 AM, Charlie , W5COV <cvest@...> wrote:

Any new or updated information on how this project is coming along ?

Inquiring minds want to know :)

Charlie , W5COV

On 9/4/2013 12:49 PM, orders@... wrote:

I bit the bullet and ordered a ssm2167 on a breakout board from them. I decided against soiling my playing with bad soldering fruseration for the moment and instead will forgo the extra coffee one day. I'm thinking and inline version would be the most useful to start out -- plug the mic into the inline box and then have a tail from the board into the rig. There isn't any room in the rig to stick it easily and putting it directly into the mic would limit it to one circuit per mic... also not flexible. The other option is a larger block in the middle of the mic cable but that seems the wrong way.

Anyone have any thoughts on a performed form factor for it?

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

BTW digikey part number for the SSM2167 is SSM2167-1RMZ-REELCT-ND (http://www.digikey.com/product-detail/en/SSM2167-1RMZ-REEL/SSM2167-1RMZ-REELCT-ND/1628139)

--- In x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> wrote:

Oops, my mistake.Â I bought mine from a different seller 190593669424Â Must be old timers disease kicking in again.

Lee â€“ N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Bill Maxwell
Sent: Tuesday, September 03, 2013 12:19 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Didn't see the chips in that seller's store, Lee. Can you give us the item number for them, please.

Bill, VK7MX

On 3/09/2013 4:14 AM, Lee wrote:

I ordered 2 of the chips on eBay, just in case I kill one, and some chip adapter boards from the same seller. Put item number 181138215223 in the search box to see then.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, September 02, 2013 11:54 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

The more and more I look at this the more and more I want to play with little chip but it is in a tiny tiny MSOP package. And my soldering skills/hand steadiness is NO WHERE near close enough to jump right in. Anyone have a great easy way to put an MSOP chip onto a breadboard or anything like that? I've seen some 'easy' convertors for SMD chips but none for MSOP -- and I guess I haven't looked to see if they would work. Anyway -- if anyone has any great suggestions I'd appreciate it!

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Thank Ken! Yup I'm thinking with 5 w I'm going to want the most talk power for the punch of my voice. Although I haven't done the math to see the difference between 0.5w and 5w. if my db brain remembers it probably isn't that much ! much like the difference between 5w and 100w ;) But I suspect it is bigger if I compare 0.5 w to 100w ;) And the goal is to get it as compressed and gained right to point before degrading! And we will see where that lands me! And to top that off the neighbor in the new apartment is really sensitive to me talking at night -- she has come twice at 1am to ask me to keep it down while conversing with a friend at lower than normal voices already. So the more punch I can get out of the mic at lower levels the more I can work in the nighhhhhhht!

And thanks for the thumbs up I'm loving the trip!

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <krtdowns@...> wrote:

Great attitude, Chris! I'm not familiar with that IC, but it sounds as though it has the functions you are seeking. Reasonable compression will add substantially to your "talk power." Like most things, it can be overdone and degrade your signal. Sounds as though you are tackling the learning opportunities this little rig offers with zest and enthusiasm. Have fun and enjoy the trip!

Ken, W1KRT

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Man oh Man! Am I loving this little rig! Not because it is perfect and a great value out of the box but for the exact reason I bit the bullet and bought it before it was all polished: Great learning rig! Every time some limit or question is hit I have a reason to go digging and exploring around in the bits that make radios tick. I'll be happy to get my fully functioning rig to actual work on the air but this is a little gem in my eyes for crackin' open the door to learning about radios!

Anyway, my newest exploration is around the audio and SSB and this little fellar. From what Ed has walked me through I'm beating down the path that the radio WILL transmit 5w PEP on SSB .. the mic, gain, compression, preamp, etc are the limiting factor to making this usable out of the box. I'm currently playing down the path that the gain adjustment in the rig will be sufficient if I can compress the audio so more of it is towards the 5W 'section'. During my dive into this sort of theory I can across this little gem of a chip:

http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html

Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

I've got plenty more to do to see if this theory will be valid in the x1m and how it all fits together but I'm loving this rig just for giving me framework to explore and ask about this things. Before this little fella and my trying to test if the SSB output was 'good' and if I needed to send it back everything was just words and now its all tying together.

Having a ball!

Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

-Chris

KC8MUS

1596. Audio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-06 19:05:58 UTC
From: Victor Schensnovich
Topic: 1596 Message: 1596

Hi friends, looking in the file section, there is info how increase audio gain, but only pictures. Who can explain, what I should to do?
Victor, UA1CEX.

1597. Re: [X1M_QRP-Transceiver] Audio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-06 19:35:09 UTC
From: Charlie , W5COV
Topic: 1596 Message: 1597

Follow pin 1 on the LM386 and depending on which model you have the resistor that needs to be jumpered will be in different places . Anyway it is resistor R63c that needs to be jumpered (shorted across) . Easy to find following pin 1 on the LM386 . Jumper between pin 1 and the capacitor . ONLY the resistor needs to be jumpered , not the capacitor . BIG DIFFERENCE IN AUDIO !!!

Please lt us know your opinion once you make the change .

Best 73 , Charlie , W5COV

On 10/6/2013 2:05 PM, Victor Schensnovich wrote:
>
> Hi friends, looking in the file section, there is info how increase
> audio gain, but only pictures. Who can explain, what I should to do?
> Victor, UA1CEX.
>
>

1598. Re: [X1M_QRP-Transceiver] Audio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-06 19:38:45 UTC
From: Victor Schensnovich
Topic: 1596 Message: 1598

06.10.2013 23:35, Charlie , W5COV пишет:
> Follow pin 1 on the LM386 and depending on which model you have the
> resistor that needs to be jumpered will be in different places .
> Anyway it is resistor R63c that needs to be jumpered (shorted across
>) . Easy to find following pin 1 on the LM386 . Jumper between pin 1
> and the capacitor . ONLY the resistor needs to be jumpered , not the
> capacitor . BIG DIFFERENCE IN AUDIO !!!
>
> Please lt us know your opinion once you make the change .
>
> Best 73 , Charlie , W5COV
>
>
> On 10/6/2013 2:05 PM, Victor Schensnovich wrote:
>>
>> Hi friends, looking in the file section, there is info how increase
>> audio gain, but only pictures. Who can explain, what I should to do?
>> Victor, UA1CEX.
>>
>>
>
Ok, Charlie. Thank you for explaination. I will try to do that. My X1M
is on the way to me from Ed now.
Victor, UA1CEX.

1599. Step

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-06 19:52:38 UTC
From: Victor Schensnovich
Topic: 1599 Message: 1599

Dear friends, if I want to tune a freq. I can choose a step 10hz, 100hz etc. But 10hz will be very slowly, 100hz is not comfortable. Is it possible to do 25 or 50hz step?
Victor, UA1CEX.

1600. Re: [X1M_QRP-Transceiver] Step

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-06 20:02:50 UTC
From: Charlie , W5COV
Topic: 1599 Message: 1600

No Victor , not possible at current firmware levels . Perhaps something
to add to a future firmware upgrade .

Charlie , W5COV

On 10/6/2013 2:52 PM, Victor Schensnovich wrote:
>
> Dear friends, if I want to tune a freq. I can choose a step 10hz, 100hz
> etc. But 10hz will be very slowly, 100hz is not comfortable. Is it
> possible to do 25 or 50hz step?
> Victor, UA1CEX.
>
>

1601. Re: [X1M_QRP-Transceiver] Step

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-06 20:11:50 UTC
From: Victor Schensnovich
Topic: 1599 Message: 1601

07.10.2013 00:02, Charlie , W5COV пишет:
>
> No Victor , not possible at current firmware levels . Perhaps
> something to add to a future firmware upgrade .
>
> Charlie , W5COV
>
> On 10/6/2013 2:52 PM, Victor Schensnovich wrote:
>>
>> Dear friends, if I want to tune a freq. I can choose a step 10hz, 100hz
>> etc. But 10hz will be very slowly, 100hz is not comfortable. Is it
>> possible to do 25 or 50hz step?
>> Victor, UA1CEX.
>>
>
>
Ok, Charlie. I am CW man. What is IF filter for CW? The same like for
SSB or narrow? I tried to find video in youtube.com with CW but there is
only SSB. It will be interesting to listen walking around CW segment,
what a sound. In file section CW video - sitting on one freq. It is not
so interesting.
Victor, UA1CEX.

1602. Re: [X1M_QRP-Transceiver] Step

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-06 20:52:44 UTC
From: Charlie , W5COV
Topic: 1599 Message: 1602

Same filter as for SSB , however they make an external filter based on
the size of the radio from Xiegu . It is good for SSB and CW .

This is the one that I use , that came from Ed also at
http://www.importcommunications.com

Here is the direct link to it :
http://www.wouxun.us/item.php?item_id=305&category_id=47

Charlie , W5COV

On 10/6/2013 3:11 PM, Victor Schensnovich wrote:
>
> 07.10.2013 00:02, Charlie , W5COV пишет:
>>
>> No Victor , not possible at current firmware levels . Perhaps
>> something to add to a future firmware upgrade .
>>
>> Charlie , W5COV
>>
>> On 10/6/2013 2:52 PM, Victor Schensnovich wrote:
>>>
>>> Dear friends, if I want to tune a freq. I can choose a step 10hz, 100hz
>>> etc. But 10hz will be very slowly, 100hz is not comfortable. Is it
>>> possible to do 25 or 50hz step?
>>> Victor, UA1CEX.
>>>
>>
> Ok, Charlie. I am CW man. What is IF filter for CW? The same like for
> SSB or narrow? I tried to find video in youtube.com with CW but there
> is only SSB. It will be interesting to listen walking around CW
> segment, what a sound. In file section CW video - sitting on one freq.
> It is not so interesting.
> Victor, UA1CEX.
>

1603. Re: [X1M_QRP-Transceiver] Step

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-06 20:58:27 UTC
From: Victor Schensnovich
Topic: 1599 Message: 1603

07.10.2013 00:52, Charlie , W5COV пишет:
> Same filter as for SSB , however they make an external filter based on
> the size of the radio from Xiegu . It is good for SSB and CW .
>
> This is the one that I use , that came from Ed also at
> http://www.importcommunications.com
>
> Here is the direct link to it :
> http://www.wouxun.us/item.php?item_id=305&category_id=47
>
> Charlie , W5COV
>
>
> On 10/6/2013 3:11 PM, Victor Schensnovich wrote:
>>
>> 07.10.2013 00:02, Charlie , W5COV пишет:
>>>
>>> No Victor , not possible at current firmware levels . Perhaps
>>> something to add to a future firmware upgrade .
>>>
>>> Charlie , W5COV
>>>
>>> On 10/6/2013 2:52 PM, Victor Schensnovich wrote:
>>>>
>>>> Dear friends, if I want to tune a freq. I can choose a step 10hz,
>>>> 100hz
>>>> etc. But 10hz will be very slowly, 100hz is not comfortable. Is it
>>>> possible to do 25 or 50hz step?
>>>> Victor, UA1CEX.
>>>>
>>>
>> Ok, Charlie. I am CW man. What is IF filter for CW? The same like for
>> SSB or narrow? I tried to find video in youtube.com with CW but there
>> is only SSB. It will be interesting to listen walking around CW
>> segment, what a sound. In file section CW video - sitting on one
>> freq. It is not so interesting.
>> Victor, UA1CEX.
>>
>
Charlie, I bought this AF at the same time with X1M Pro. I want to use
it with different trcvrs.
Looking forward, when my X1M will arrived
Victor, UA1CEX.

1604. Re: [X1M_QRP-Transceiver] Step

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-06 21:13:44 UTC
From: Charlie , W5COV
Topic: 1599 Message: 1604

Victor , I need to learn how to make youtube videos . I can demonstrate all of the features and also the performance with and without the filter , as well as making the mods .

I spend time using both models of the X1M daily . I am waiting to get some antenna work done this week to improve my signal , and then will try to have my granddaughter show me how to make a video . I am also excited to be adding one of (Dale Parfitt , W4OP, designer of the add on internal AGC system for the X1M and group member here) his Omniangle HF antennas that he manufactures , to give me true omni directional coverage , and not have to worry about a rotor.
Information on Dale's products is here :
http://www.parelectronics.com/hf-omnis.php

If you read some of the earlier posts , you will see that Dale has designed an AGC board using SMD that will fit internally in the X1M . If you want one , you need to post it on the list attention of Dale , or let him know . You sure can't beat the price , so it is fair that we visit his page to thank him for what he is doing , as well as doing much more testing and suggestions for a firmware upgrade , that we hope will be coming soon and will GREATLY improve CW and some other issues .

Charlie , W5COV

On 10/6/2013 3:11 PM, Victor Schensnovich wrote:
>
> 07.10.2013 00:02, Charlie , W5COV пишет:
>>
>> No Victor , not possible at current firmware levels . Perhaps
>> something to add to a future firmware upgrade .
>>
>> Charlie , W5COV
>>
>> On 10/6/2013 2:52 PM, Victor Schensnovich wrote:
>>>
>>> Dear friends, if I want to tune a freq. I can choose a step 10hz, 100hz
>>> etc. But 10hz will be very slowly, 100hz is not comfortable. Is it
>>> possible to do 25 or 50hz step?
>>> Victor, UA1CEX.
>>>
>>
> Ok, Charlie. I am CW man. What is IF filter for CW? The same like for
> SSB or narrow? I tried to find video in youtube.com with CW but there
> is only SSB. It will be interesting to listen walking around CW
> segment, what a sound. In file section CW video - sitting on one freq.
> It is not so interesting.

> Victor, UA1CEX.
>

1605. RE: [X1M_QRP-Transceiver] Step

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-06 22:08:30 UTC
From: Lee
Topic: 1599 Message: 1605

Has anyone her used one for SSB and how do you like it?

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: Sunday, October 06, 2013 3:53 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: Victor Schensnovich
Subject: Re: [X1M_QRP-Transceiver] Step

Same filter as for SSB , however they make an external filter based on the size of the radio from Xiegu . It is good for SSB and CW .

This is the one that I use , that came from Ed also at http://www.importcommunications.com

Here is the direct link to it : http://www.wouxun.us/item.php?item_id=305 <http://www.wouxun.us/item.php?item_id=305&category_id=47> &category_id=47

Charlie , W5COV

On 10/6/2013 3:11 PM, Victor Schensnovich wrote:

07.10.2013 00:02, Charlie , W5COV пишет:

No Victor , not possible at current firmware levels . Perhaps something to add to a future firmware upgrade .

Charlie , W5COV

On 10/6/2013 2:52 PM, Victor Schensnovich wrote:

Dear friends, if I want to tune a freq. I can choose a step 10hz, 100hz
etc. But 10hz will be very slowly, 100hz is not comfortable. Is it
possible to do 25 or 50hz step?
Victor, UA1CEX.

Ok, Charlie. I am CW man. What is IF filter for CW? The same like for SSB or narrow? I tried to find video in youtube.com with CW but there is only SSB. It will be interesting to listen walking around CW segment, what a sound. In file section CW video - sitting on one freq. It is not so interesting.
Victor, UA1CEX.

1606. Re: [X1M_QRP-Transceiver] Step

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-06 22:19:22 UTC
From: Dale Parfitt
Topic: 1599 Message: 1606

I think if you will look through the posts, you will see a lot of the group have had fun with the rig on SSB- I know I have.

Dale W4OP

----- Original Message -----
From: Lee
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, October 06, 2013 6:08 PM
Subject: RE: [X1M_QRP-Transceiver] Step

Has anyone her used one for SSB and how do you like it?

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: Sunday, October 06, 2013 3:53 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: Victor Schensnovich
Subject: Re: [X1M_QRP-Transceiver] Step

Same filter as for SSB , however they make an external filter based on the size of the radio from Xiegu . It is good for SSB and CW .

This is the one that I use , that came from Ed also at http://www.importcommunications.com

Here is the direct link to it : http://www.wouxun.us/item.php?item_id=305&category_id=47

Charlie , W5COV

On 10/6/2013 3:11 PM, Victor Schensnovich wrote:

07.10.2013 00:02, Charlie , W5COV пишет:

No Victor , not possible at current firmware levels . Perhaps something to add to a future firmware upgrade .

Charlie , W5COV

On 10/6/2013 2:52 PM, Victor Schensnovich wrote:

Dear friends, if I want to tune a freq. I can choose a step 10hz, 100hz
etc. But 10hz will be very slowly, 100hz is not comfortable. Is it
possible to do 25 or 50hz step?
Victor, UA1CEX.

Ok, Charlie. I am CW man. What is IF filter for CW? The same like for SSB or narrow? I tried to find video in youtube.com with CW but there is only SSB. It will be interesting to listen walking around CW segment, what a sound. In file section CW video - sitting on one freq. It is not so interesting.

Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6721 - Release Date: 10/03/13

1607. AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-06 22:54:48 UTC
From: Victor Schensnovich
Topic: 775 Message: 1607

Ok Charlie, Let us wait till tmr. It is too late here and I am sleeping now. What is a price for AGC? I will visit Dale site later.
See you tomorrow.
Victor, UA1CEX.

1608. RE: [X1M_QRP-Transceiver] Step

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-06 23:41:30 UTC
From: Lee
Topic: 1599 Message: 1608

I was asking about the Xiegu filter on SSB. I am having fun with my rig. A Lot of it.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Sunday, October 06, 2013 5:19 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Step

☐

I think if you will look through the posts, you will see a lot of the group have had fun with the rig on SSB- I know I have.

Dale W4OP

----- Original Message -----

From: Lee <mailto:mr.olson@...>

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Sunday, October 06, 2013 6:08 PM

Subject: RE: [X1M_QRP-Transceiver] Step

Has anyone her used one for SSB and how do you like it?

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: Sunday, October 06, 2013 3:53 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: Victor Schensnovich
Subject: Re: [X1M_QRP-Transceiver] Step

Same filter as for SSB , however they make an external filter based on the size of the radio from Xiegu . It is good for SSB and CW .

This is the one that I use , that came from Ed also at http://www.importcommunications.com

Here is the direct link to it : http://www.wouxun.us/item.php?item_id=305 <http://www.wouxun.us/item.php?item_id=305&category_id=47> &category_id=47

Charlie , W5COV

On 10/6/2013 3:11 PM, Victor Schensnovich wrote:

07.10.2013 00:02, Charlie , W5COV пишет:

No Victor , not possible at current firmware levels . Perhaps something to add to a future firmware upgrade .

Charlie , W5COV

On 10/6/2013 2:52 PM, Victor Schensnovich wrote:

Dear friends, if I want to tune a freq. I can choose a step 10hz, 100hz
etc. But 10hz will be very slowly, 100hz is not comfortable. Is it
possible to do 25 or 50hz step?
Victor, UA1CEX.

Ok, Charlie. I am CW man. What is IF filter for CW? The same like for SSB or narrow? I tried to find video in youtube.com with CW but there is only SSB. It will be interesting to listen walking around CW segment, what a sound. In file section CW video - sitting on one freq. It is not so interesting.
Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6721 - Release Date: 10/03/13

1609. RE: [X1M_QRP-Transceiver] Step

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 01:25:58 UTC
From: Gary Stephenson
Topic: 1599 Message: 1609

I HAVE USE MY X1M PRO on ssb and only trouble is the audio is low but I see there a mod which I will try to do maybe tomorrow.

I have work the state od WA,OR TN OH KY and some dx VE1,V32 and G0 this was on 20 meter and 17 meter on a 43 foot vertical not bad on 5 watts.

WW8O Gary

From: X1M_Q RP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
Sent: Sunday, October 6, 2013 6:09 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] Step

Has anyone her used one for SSB and how do you like it?

From: X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver@yahoogroups.com> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: Sunday, October 06, 2013 3:53 PM
To: X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver@yahoogroups.com>
Cc: Victor Schensnovich
Subject: Re: [X1M_QRP-Transceiver] Step

Same filter as for SSB , however they make an external filter based on the size of the radio from Xiegu . It is good for SSB and CW .

This is the one that I use , that came from Ed also at http://www.importcommunications.com

Here is the direct link to it : http://www.wouxun.us/item.php?item_id=305 <http://www.wouxun.us/item.php?item_id=305&category_id=47> &category_id=47

Charlie , W5COV

On 10/6/2013 3:11 PM, Victor Schensnovich wrote:

07.10.2013 00:02, Charlie , W5COV пишет:

No Victor , not possible at current firmware levels . Perhaps something to add to a future firmware upgrade .

Charlie , W5COV

On 10/6/2013 2:52 PM, Victor Schensnovich wrote:

Dear friends, if I want to tune a freq. I can choose a step 10hz, 100hz
etc. But 10hz will be very slowly, 100hz is not comfortable. Is it
possible to do 25 or 50hz step?
Victor, UA1CEX.

Ok, Charlie. I am CW man. What is IF filter for CW? The same like for SSB or narrow? I tried to find video in youtube.com with CW but there is only SSB. It will be interesting to listen walking around CW segment, what a sound. In file section CW video - sitting on one freq. It is not so interesting.
Victor, UA1CEX.

1610. Re: [X1M_QRP-Transceiver] Step

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 02:43:55 UTC
From: Charlie , W5COV
Topic: 1599 Message: 1610

The audio gain adjustment is easy to do and well worth your time .

I "think" Lee's question is being misunderstood .

What I "think" he wants to know is who all are using the Xiegu external CW / SSB Filter in the SSB MODE :

http://www.importcommunications.com

From the main page select Accessories in the Product window on the left . On the new Page you will see Audio Filter , clicking on the picture of it and it will take you to the specifications page for it . It is built by Xiegu to match the size of the X1M , but can be used with any transceiver .

I have one here and with the adjustable band width wide open , it does work with SSB . Depends on your particular likes and dislikes for listening to SSB . Having done a LOT of contesting over the years I like to use it on SSB , even though some might find it a bit too narrow . If you work CW you will certainly enjoy it .

Hope everyone that has one jumps in here and comments since we all have different likes and dislikes in how we filter the signal for our own personal preference .

I hope too that everyone that buys the X1M also buys the Xiegu TTL interface cable . It is something that you WILL need to do firmware updates .

Charlie , W5COV

On 10/6/2013 8:25 PM, Gary Stephenson wrote:
>
> I HAVE USE MY X1M PRO on ssb and only trouble is the audio is low but
> I see there a mod which I will try to do maybe tomorrow.
>
> I have work the state od WA,OR TN OH KY and some dx VE1,V32 and G0
> this was on 20 meter and 17 meter on a 43 foot vertical not bad on 5
> watts.
>
> WW8O Gary
>
> *From:*X1M_Q RP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Lee
> *Sent:* Sunday, October 6, 2013 6:09 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* RE: [X1M_QRP-Transceiver] Step

>
> Has anyone her used one for SSB and how do you like it?
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Charlie ,
> W5COV
> *Sent:* Sunday, October 06, 2013 3:53 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Cc:* Victor Schensnovich
> *Subject:* Re: [X1M_QRP-Transceiver] Step
>
> Same filter as for SSB , however they make an external filter based on
> the size of the radio from Xiegu . It is good for SSB and CW .
>
> This is the one that I use , that came from Ed also at
> http://www.importcommunications.com
>
> Here is the direct link to it :
> http://www.wouxun.us/item.php?item_id=305&category_id=47
>
> Charlie , W5COV
>
>
> On 10/6/2013 3:11 PM, Victor Schensnovich wrote:
>
> 07.10.2013 00:02, Charlie , W5COV пишет:
>
> No Victor , not possible at current firmware levels . Perhaps
> something to add to a future firmware upgrade .
>
> Charlie , W5COV
>
> On 10/6/2013 2:52 PM, Victor Schensnovich wrote:
>
> Dear friends, if I want to tune a freq. I can choose a
> step 10hz, 100hz
> etc. But 10hz will be very slowly, 100hz is not
> comfortable. Is it
> possible to do 25 or 50hz step?
> Victor, UA1CEX.
>
> Ok, Charlie. I am CW man. What is IF filter for CW? The same like
> for SSB or narrow? I tried to find video in youtube.com with CW
> but there is only SSB. It will be interesting to listen walking
> around CW segment, what a sound. In file section CW video -
> sitting on one freq. It is not so interesting.
> Victor, UA1CEX.
>

>

1611. Homebrew programming cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 05:31:54 UTC
From: <andreas.fuehrmann@...>
Topic: 1611 Message: 1611

Have a cheap TTL-RS232 here (http://www.ebay.de/itm/260683988593) and want to make my own programming cable. Can anyone confirm there are only 3 pins to connect: 5, 6 and 8?

Andy DC3AFA

1612. Youtube

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 05:40:02 UTC
From: Victor Schensnovich
Topic: 1612 Message: 1612

Charlie, I never did it myself, but I think it is very easy. Firstable
to pass registration. Choose your login and password. Then enter your
login and pass. You will see on the top to the right of search section
ADD VIDEO. Press this button and choose a video file from your computer.
That is all. Try this way.
Victor, UA1CEX.

1613. AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 05:52:56 UTC
From: Victor Schensnovich
Topic: 775 Message: 1613

Hi Dale, W4OP. Could you give me more details about AGC mod. Schematic, price.
Victor, UA1CEX.

1614. RE: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 13:00:30 UTC
From: Lee
Topic: 1193 Message: 1614

It’s nice to see we have a 3rd person working on the SMM2167 compressor chip. I made a folder in the photo section called “SSM2167 Audio Compressor IC” open to the group and if you are working on one please feel free to put your pictures in there. I have put 2 in so far. It may help the photo section from getting cluttered

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of lphebus@...
Sent: Saturday, October 05, 2013 7:58 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

I've bread boarded and tested an audio compressor circuit. Pictures are in the "Photos" section. Compression is adjustable from 1:1 to 6.25:1 which seems like plenty to me. It really helps the audio "punch" of the X1M. My plan is to put the circuit in the microphone case with a couple AAA batteries for power. I thought I would use a design like this <http://www.qrpkits.com/microphone.html> http://www.qrpkits.com/microphone.html . I tried to power it from the +5 volts the socket provides for the electret microphone, but the compressor current draw, although small (<3mA), loaded the 5V down to about 1.7 V. I am surprised by this. The AAA batteries should last a long time however. There are two potentiometers (blue) in the bread boarded circuit. The left is the compression level (Rcomp) and the right is the attenuator adjustment. The output of the compressor chip is a bit too high to feed directly into the X1M.

---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

LOL Maybe that is why I am an old bachelor . My two dogs don't seem to complain at all and I am a true night person so I am not normally even on the net this early in the morning .

I work DX , various digital modes , the part 15 bands , and I am working on a new part 5 license , where the bands are night time bands , plus I have always enjoyed the peace and quiet of the wee morning hours .

If the bands aren't open I ALWAYS have at least one project on the bench that I am building and usually several at the same time .

However since I went to computer logging , I have gone back to using headsets , so my hands are pretty much free to type when I am on phone . One day I may need to add VOX to the X1M . Right now I have a momentary push button in a film can type plastic container to activate the PTT , until I decide what I want to put in a mic interface box for this little gem or see if I can possibly work with smaller SMT devices and squeeze something inside of it. I can go smaller but 1206 are the smallest I am really at ease with and they are fast disappearing from the market .

Charlie , W5COV

On 9/22/2013 10:36 AM, M_AND_R_SHAREF wrote:

I use to do all my operating late at night. CW and head phones are the way to go if you want to stay married. HI 73

On Sat, Sep 21, 2013 at 12:47 AM, Charlie , W5COV <cvest@...> wrote:

Any new or updated information on how this project is coming along ?

Inquiring minds want to know :)

Charlie , W5COV

On 9/4/2013 12:49 PM, orders@... wrote:

I bit the bullet and ordered a ssm2167 on a breakout board from them. I decided against soiling my playing with bad soldering fruseration for the moment and instead will forgo the extra coffee one day. I'm thinking and inline version would be the most useful to start out -- plug the mic into the inline box and then have a tail from the board into the rig. There isn't any room in the rig to stick it easily and putting it directly into the mic would limit it to one circuit per mic... also not flexible. The other option is a larger block in the middle of the mic cable but that seems the wrong way.

Anyone have any thoughts on a performed form factor for it?

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <mailto:orders@...> <orders@...> wrote:

BTW digikey part number for the SSM2167 is <http://www.digikey.com/product-detail/en/SSM2167-1RMZ-REEL/SSM2167-1RMZ-REELCT-ND/1628139> SSM2167-1RMZ-REELCT-ND

--- In x1m_qrp-transceiver@yahoogroups.com, <mailto:mr.olson@...> <mr.olson@...> wrote:

Oops, my mistake.Â I bought mine from a different seller 190593669424Â Must be old timers disease kicking in again.

Lee â€“ N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@...m] On Behalf Of Bill Maxwell
Sent: Tuesday, September 03, 2013 12:19 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Didn't see the chips in that seller's store, Lee. Can you give us the item number for them, please.

Bill, VK7MX

On 3/09/2013 4:14 AM, Lee wrote:

I ordered 2 of the chips on eBay, just in case I kill one, and some chip adapter boards from the same seller. Put item number 181138215223 in the search box to see then.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, September 02, 2013 11:54 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

The more and more I look at this the more and more I want to play with little chip but it is in a tiny tiny MSOP package. And my soldering skills/hand steadiness is NO WHERE near close enough to jump right in. Anyone have a great easy way to put an MSOP chip onto a breadboard or anything like that? I've seen some 'easy' convertors for SMD chips but none for MSOP -- and I guess I haven't looked to see if they would work. Anyway -- if anyone has any great suggestions I'd appreciate it!

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Thank Ken! Yup I'm thinking with 5 w I'm going to want the most talk power for the punch of my voice. Although I haven't done the math to see the difference between 0.5w and 5w. if my db brain remembers it probably isn't that much ! much like the difference between 5w and 100w ;) But I suspect it is bigger if I compare 0.5 w to 100w ;) And the goal is to get it as compressed and gained right to point before degrading! And we will see where that lands me! And to top that off the neighbor in the new apartment is really sensitive to me talking at night -- she has come twice at 1am to ask me to keep it down while conversing with a friend at lower than normal voices already. So the more punch I can get out of the mic at lower levels the more I can work in the nighhhhhhht!

And thanks for the thumbs up I'm loving the trip!

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <krtdowns@...> wrote:

Great attitude, Chris! I'm not familiar with that IC, but it sounds as though it has the functions you are seeking. Reasonable compression will add substantially to your "talk power." Like most things, it can be overdone and degrade your signal. Sounds as though you are tackling the learning opportunities this little rig offers with zest and enthusiasm. Have fun and enjoy the trip!

Ken, W1KRT

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Man oh Man! Am I loving this little rig! Not because it is perfect and a great value out of the box but for the exact reason I bit the bullet and bought it before it was all polished: Great learning rig! Every time some limit or question is hit I have a reason to go digging and exploring around in the bits that make radios tick. I'll be happy to get my fully functioning rig to actual work on the air but this is a little gem in my eyes for crackin' open the door to learning about radios!

Anyway, my newest exploration is around the audio and SSB and this little fellar. From what Ed has walked me through I'm beating down the path that the radio WILL transmit 5w PEP on SSB .. the mic, gain, compression, preamp, etc are the limiting factor to making this usable out of the box. I'm currently playing down the path that the gain adjustment in the rig will be sufficient if I can compress the audio so more of it is towards the 5W 'section'. During my dive into this sort of theory I can across this little gem of a chip:

http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html

Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

I've got plenty more to do to see if this theory will be valid in the x1m and how it all fits together but I'm loving this rig just for giving me framework to explore and ask about this things. Before this little fella and my trying to test if the SSB output was 'good' and if I needed to send it back everything was just words and now its all tying together. Having a ball!

Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

-Chris

KC8MUS

1615. Re: [X1M_QRP-Transceiver] AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 13:19:24 UTC
From: Dale Parfitt
Topic: 775 Message: 1615

Hi Victor,
At this time, I cannot do either. I am flooded with work. I am going to try to design the PCB this week and then would have boards here next week. I don't have the time to build up the boards, so this will be a surface mount kit. I'll post the schematic in the files section for those that would like to roll their own.

73,

Dale W4OP

----- Original Message -----
From: Victor Schensnovich
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 07, 2013 1:52 AM
Subject: [X1M_QRP-Transceiver] AGC

Hi Dale, W4OP. Could you give me more details about AGC mod. Schematic,
price.
Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6721 - Release Date: 10/03/13

1616. Re: Re: [X1M_QRP-Transceiver] AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 13:42:35 UTC
From: Victor Schensnovich
Topic: 775 Message: 1616

Ok, Dale. That is fine. But frankly speaking, I am hesitated about AGC. If two stations are very close. One of them is stronge and another one is weak. It will be dificult to receive weak stn. Without AGC you have a chance to receive. What do you think about it?
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

Dale Parfitt <parinc1@...> wrote:

☐

Hi Victor,

At this time, I cannot do either. I am flooded with work. I am going to try to design the PCB this week and then would have boards here next week. I don't have the time to build up the boards, so this will be a surface mount kit. I'll post the schematic in the files section for those that would like to roll their own.

73,

Dale W4OP

----- Original Message -----

From: Victor Schensnovich

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, October 07, 2013 1:52 AM

Subject: [X1M_QRP-Transceiver] AGC

Hi Dale, W4OP. Could you give me more details about AGC mod. Schematic,
price.
Victor, UA1CEX.

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1617. Re: Re: [X1M_QRP-Transceiver] AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 14:09:20 UTC
From: Dale Parfitt
Topic: 775 Message: 1617

You have to make your own decision Victor. I prefer to keep my eardrums intact.

Dale W4OP

----- Original Message -----
From: Victor Schensnovich
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 07, 2013 9:42 AM
Subject: Re: Re: [X1M_QRP-Transceiver] AGC

Ok, Dale. That is fine. But frankly speaking, I am hesitated about AGC. If two stations are very close. One of them is stronge and another one is weak. It will be dificult to receive weak stn. Without AGC you have a chance to receive. What do you think about it?
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

Dale Parfitt <parinc1@...> wrote:

☐

Hi Victor,
At this time, I cannot do either. I am flooded with work. I am going to try to design the PCB this week and then would have boards here next week. I don't have the time to build up the boards, so this will be a surface mount kit. I'll post the schematic in the files section for those that would like to roll their own.

73,

Dale W4OP

----- Original Message -----
From: Victor Schensnovich
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 07, 2013 1:52 AM
Subject: [X1M_QRP-Transceiver] AGC

Hi Dale, W4OP. Could you give me more details about AGC mod. Schematic,
price.
Victor, UA1CEX.

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Version: 2014.0.4142 / Virus Database: 3604/6721 - Release Date: 10/03/13

1618. Re: Re: Re: [X1M_QRP-Transceiver] AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 14:22:00 UTC
From: Victor Schensnovich
Topic: 775 Message: 1618

Dale, looking forward for your AGC design and schematic.
Victor, UA1CEX.

--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

Dale Parfitt <parinc1@...> wrote:

☐

You have to make your own decision Victor. I prefer to keep my eardrums intact.

Dale W4OP

----- Original Message -----

From: Victor Schensnovich

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, October 07, 2013 9:42 AM

Subject: Re: Re: [X1M_QRP-Transceiver] AGC

Ok, Dale. That is fine. But frankly speaking, I am hesitated about AGC. If two stations are very close. One of them is stronge and another one is weak. It will be dificult to receive weak stn. Without AGC you have a chance to receive. What do you think about it?
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

Dale Parfitt <parinc1@...> wrote:

☐

Hi Victor,

At this time, I cannot do either. I am flooded with work. I am going to try to design the PCB this week and then would have boards here next week. I don't have the time to build up the boards, so this will be a surface mount kit. I'll post the schematic in the files section for those that would like to roll their own.

73,

Dale W4OP

----- Original Message -----

From: Victor Schensnovich

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, October 07, 2013 1:52 AM

Subject: [X1M_QRP-Transceiver] AGC

Hi Dale, W4OP. Could you give me more details about AGC mod. Schematic, price.
Victor, UA1CEX.

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1619. Re: Re: Re: [X1M_QRP-Transceiver] AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 14:31:12 UTC
From: Dale Parfitt
Topic: 775 Message: 1619

A tiny SPST switch would allow you to disable AGC- maybe that is the best of both worlds.

GL,

Dale W4OP
----- Original Message -----
From: Victor Schensnovich
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 07, 2013 10:22 AM
Subject: Re: Re: Re: [X1M_QRP-Transceiver] AGC

Dale, looking forward for your AGC design and schematic.
Victor, UA1CEX.

--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

Dale Parfitt <parinc1@...> wrote:

☐

You have to make your own decision Victor. I prefer to keep my eardrums intact.

Dale W4OP

----- Original Message -----
From: Victor Schensnovich
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 07, 2013 9:42 AM
Subject: Re: Re: [X1M_QRP-Transceiver] AGC

Ok, Dale. That is fine. But frankly speaking, I am hesitated about AGC. If two stations are very close. One of them is stronge and another one is weak. It will be dificult to receive weak stn. Without AGC you have a chance to receive. What do you think about it?
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

Dale Parfitt <parinc1@frontier.com> wrote:

☐

Hi Victor,
At this time, I cannot do either. I am flooded with work. I am going to try to design the PCB this week and then would have boards here next week. I don't have the time to build up the boards, so this will be a surface mount kit. I'll post the schematic in the files section for those that would like to roll their own.

73,

Dale W4OP

----- Original Message -----
From: Victor Schensnovich
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 07, 2013 1:52 AM
Subject: [X1M_QRP-Transceiver] AGC

Hi Dale, W4OP. Could you give me more details about AGC mod. Schematic, price.
Victor, UA1CEX.

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No virus found in this message.
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1620. Re: Re: Re: Re: [X1M_QRP-Transceiver] AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 14:41:26 UTC
From: Victor Schensnovich
Topic: 775 Message: 1620

Yes, it is very good idea!
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

Dale Parfitt <parinc1@...> wrote:

☐

A tiny SPST switch would allow you to disable AGC- maybe that is the best of both worlds.

GL,

Dale W4OP

----- Original Message -----

From: Victor Schensnovich

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, October 07, 2013 10:22 AM

Subject: Re: Re: Re: [X1M_QRP-Transceiver] AGC

Dale, looking forward for your AGC design and schematic.
Victor, UA1CEX.

--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

Dale Parfitt <parinc1@...> wrote:

☐

You have to make your own decision Victor. I prefer to keep my eardrums intact.

Dale W4OP

----- Original Message -----

From: Victor Schensnovich

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, October 07, 2013 9:42 AM

Subject: Re: Re: [X1M_QRP-Transceiver] AGC

Ok, Dale. That is fine. But frankly speaking, I am hesitated about AGC. If two stations are very close. One of them is stronge and another one is weak. It will be dificult to receive weak stn. Without AGC you have a chance to receive. What do you think about it?
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

Dale Parfitt <parinc1@...> wrote:

☐

Hi Victor,

At this time, I cannot do either. I am flooded with work. I am going to try to design the PCB this week and then would have boards here next week. I don't have the time to build up the boards, so this will be a surface mount kit. I'll post the schematic in the files section for those that would like to roll their own.

73,

Dale W4OP

----- Original Message -----

From: Victor Schensnovich

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, October 07, 2013 1:52 AM

Subject: [X1M_QRP-Transceiver] AGC

Hi Dale, W4OP. Could you give me more details about AGC mod. Schematic, price.
Victor, UA1CEX.

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Version: 2014.0.4142 / Virus Database: 3604/6721 - Release Date: 10/03/13

1621. New User with HRD problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 20:25:17 UTC
From: <fraserbonnett@...>
Topic: 1621 Message: 1621

X1M Pro arrived today and I'm trying to hook it up to HRD, where the settings are Icom 718 and CI-V address 5E

I have an IOGear GUC232a successfully creating a port om my laptop (Vista 32-bit), but it will not connect

I have a USdevices high-end RS232 to USB cable, also successfully creating a port, but still won't connect.

What am I doing wrong?

1622. RE: [X1M_QRP-Transceiver] New User with HRD problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 20:41:40 UTC
From: Fred VE3FAL
Topic: 1621 Message: 1622

You have the small cable for it that they offer to allow control of the rig?

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of fraserbonnett@...t
Sent: October 7, 2013 4:25 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] New User with HRD problem

X1M Pro arrived today and I'm trying to hook it up to HRD, where the settings are Icom 718 and CI-V address 5E

I have an IOGear GUC232a successfully creating a port om my laptop (Vista 32-bit), but it will not connect

I have a USdevices high-end RS232 to USB cable, also successfully creating a port, but still won't connect.

What am I doing wrong?

1623. X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 22:02:21 UTC
From: <parinc1@...>
Topic: 1535 Message: 1623

I just put the AGC schematic in the files section. If anyone rolls their own, I would be interested to learn of your results. I am still tweaking values slightly.

Dale W4OP

1624. RE: New User with HRD problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 22:02:32 UTC
From: <fraserbonnett@...>
Topic: 1621 Message: 1624

Ah, there's my problem ... what cable?

---In x1m_qrp-transceiver@yahoogroups.com, <flesnick@...> wrote:

You have the small cable for it that they offer to allow control of the rig?

Fred
VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of fraserbonnett@...
Sent: October 7, 2013 4:25 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] New User with HRD problem

X1M Pro arrived today and I'm trying to hook it up to HRD, where the settings are Icom 718 and CI-V address 5E

I have an IOGear GUC232a successfully creating a port om my laptop (Vista 32-bit), but it will not connect

I have a USdevices high-end RS232 to USB cable, also successfully creating a port, but still won't connect.

What am I doing wrong?

1625. RE: RE: New User with HRD problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 22:17:11 UTC
From: <r-mason@...>
Topic: 1621 Message: 1625

Looks like both of your converters are Serial Level. The X1M requires TTL level signals on the DB9 port. Import Communications, that is the US dealer for the X1M, sells the proper converter.
This post covers some of the other options.

http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/conversations/messages/1509

I bought one of the USB to TTL converters off eBay for about $3 shipped. Just need to add the DB9 connector.
Roger N4HSI

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Ah, there's my problem ... what cable?

---In x1m_qrp-transceiver@yahoogroups.com, <flesnick@...> wrote:

You have the small cable for it that they offer to allow control of the rig?

Fred
VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of fraserbonnett@...
Sent: October 7, 2013 4:25 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] New User with HRD problem

X1M Pro arrived today and I'm trying to hook it up to HRD, where the settings are Icom 718 and CI-V address 5E

I have an IOGear GUC232a successfully creating a port om my laptop (Vista 32-bit), but it will not connect

I have a USdevices high-end RS232 to USB cable, also successfully creating a port, but still won't connect.

What am I doing wrong?

1626. X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 22:19:40 UTC
From: <parinc1@...>
Topic: 1535 Message: 1626

As I develop the PCB layout , I have one of the 4 LM324 op amps unused. Is anyone interested in an external S meter? I may be able to use the 4th op amp for relative signal strength with , say a standard 0-1mA meter.

No promises.

Dale W4OP

1627. RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 22:32:14 UTC
From: <r-mason@...>
Topic: 1535 Message: 1627

Great idea, sort of like the Ft-897 that has a port for an external meter. I was just looking at the schematic and wondering what the other op amp might be used for.
Roger N4HSI

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

As I develop the PCB layout , I have one of the 4 LM324 op amps unused. Is anyone interested in an external S meter? I may be able to use the 4th op amp for relative signal strength with , say a standard 0-1mA meter.

No promises.

Dale W4OP

1628. RE: New User with HRD problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 22:45:23 UTC
From: <fraserbonnett@...>
Topic: 1621 Message: 1628

Thanks, I just ordered one,

On the positive side, within a few hours of receiving the rig, and a few homemade cables, I have my first JT65 QSO in the log.

---In x1m_qrp-transceiver@yahoogroups.com, <r-mason@...> wrote:

Looks like both of your converters are Serial Level. The X1M requires TTL level signals on the DB9 port. Import Communications, that is the US dealer for the X1M, sells the proper converter.
This post covers some of the other options.

http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/conversations/messages/1509

I bought one of the USB to TTL converters off eBay for about $3 shipped. Just need to add the DB9 connector.
Roger N4HSI

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Ah, there's my problem ... what cable?

---In x1m_qrp-transceiver@yahoogroups.com, <flesnick@...> wrote:

You have the small cable for it that they offer to allow control of the rig?

Fred
VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of fraserbonnett@...
Sent: October 7, 2013 4:25 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] New User with HRD problem

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I have an IOGear GUC232a successfully creating a port om my laptop (Vista 32-bit), but it will not connect

I have a USdevices high-end RS232 to USB cable, also successfully creating a port, but still won't connect.

What am I doing wrong?

1629. Re: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 23:03:04 UTC
From: Charlie , W5COV
Topic: 1535 Message: 1629

I agree use it like Yaesu does and we can run it to an external jack for an "S" meter .

THANKS DALE !!

Charlie , W5COV

On 10/7/2013 5:19 PM, parinc1@... wrote:
> As I develop the PCB layout , I have one of the 4 LM324 op amps
> unused. Is anyone interested in an external S meter? I may be able to
> use the 4th op amp for relative signal strength with , say a standard
> 0-1mA meter.
> No promises.
> Dale W4OP
>

1630. Re: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-07 23:30:21 UTC
From: Dale Parfitt
Topic: 1535 Message: 1630

I think we have a spare pin on the dB9 that could be devoted to the S meter. But I may be getting a bit ahead of myself. I'll breadboard it tomorrow.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: parinc1@...
Sent: Monday, October 07, 2013 7:03 PM
Subject: Re: [X1M_QRP-Transceiver] X1M AGC

I agree use it like Yaesu does and we can run it to an external jack for an "S" meter .

THANKS DALE !!

Charlie , W5COV

On 10/7/2013 5:19 PM, parinc1@... wrote:

As I develop the PCB layout , I have one of the 4 LM324 op amps unused. Is anyone interested in an external S meter? I may be able to use the 4th op amp for relative signal strength with , say a standard 0-1mA meter.
No promises.
Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6721 - Release Date: 10/03/13

1631. Re: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-08 00:17:11 UTC
From: Charlie , W5COV
Topic: 1535 Message: 1631

I had been looking at adding an "S" meter circuit , but wasn't sure what all your AGC circuit would use on the chip . It is certainly something to consider and the dB9 would be a good spot for it.

Then later if people want to key an amp that doesn't use RF sensing , we can add a jack for that if there is enough interest , or possibly some other useful accessory connection .

Glad to see your great suggestions and would be interested in seeing any other suggested accessories or improvements that are beyond the scope of having the company making changes .

As hams we all have a variety of interests and this is a beautiful little rig to customize , like the guys working on the processor project .

Charlie , W5COV

On 10/7/2013 6:30 PM, Dale Parfitt wrote:
>
> □
>
> I think we have a spare pin on the dB9 that could be devoted to the S
> meter. But I may be getting a bit ahead of myself. I'll breadboard it
> tomorrow.
> Dale W4OP
>
> ----- Original Message -----
> *From:* Charlie , W5COV <mailto:cvest@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Cc:* parinc1@... <mailto:parinc1@...>
> *Sent:* Monday, October 07, 2013 7:03 PM
> *Subject:* Re: [X1M_QRP-Transceiver] X1M AGC
>
> I agree use it like Yaesu does and we can run it to an external
> jack for an "S" meter .
>
> THANKS DALE !!
>
> Charlie , W5COV
>
> On 10/7/2013 5:19 PM, parinc1@... wrote:
>> As I develop the PCB layout , I have one of the 4 LM324 op amps
>> unused. Is anyone interested in an external S meter? I may be
>> able to use the 4th op amp for relative signal strength with ,

>> say a standard 0-1mA meter.
>> No promises.
>> Dale W4OP
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4142 / Virus Database: 3604/6721 - Release Date:
> 10/03/13
>
>

1632. Re: New User with HRD problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-08 01:05:03 UTC
From: Paul W. Ross
Topic: 1621 Message: 1632

I think we cover most of the HRD and connection issues in the <gasp>
User's Guide... most of the HRD commands work.

73 /paul W3FIS

1633. RE: New User with HRD problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-08 01:16:42 UTC
From: <fraserbonnett@...>
Topic: 1621 Message: 1633

I read the guide and noted mention of the GUC232a serial to USB converter. I read that as it was all I needed, unaware that I need the TTL converter in place before that.

Fraser

---In x1m_qrp-transceiver@yahoogroups.com, <deadgoose@...> wrote:

I think we cover most of the HRD and connection issues in the <gasp>
User's Guide... most of the HRD commands work.

73 /paul W3FIS

1634. Re: New User with HRD problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-08 11:43:15 UTC
From: Paul W. Ross
Topic: 1621 Message: 1634

At end of first paragraph on Computer Interfaces in the User's Guide.

This transceiver can be connected to your computer to operate with the
Ham Radio Deluxe
software. A built-in CAT interface makes the X1M also suitable for
automatic logging and control.
The serial interface (9pin Sub-D) on the rear supplies TTL level
signals. An optional interface
provides a level converter to RS-232 levels. The interface emulates an
Icom radio (IC-718).

1635. RE: Re: New User with HRD problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-08 12:26:21 UTC
From: <fraserbonnett@...>
Topic: 1621 Message: 1635

I misread the user guide ... give me a break

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

At end of first paragraph on Computer Interfaces in the User's Guide.

This transceiver can be connected to your computer to operate with the
Ham Radio Deluxe
software. A built-in CAT interface makes the X1M also suitable for
automatic logging and control.
The serial interface (9pin Sub-D) on the rear supplies TTL level
signals. An optional interface
provides a level converter to RS-232 levels. The interface emulates an
Icom radio (IC-718).

1636. RE: [X1M_QRP-Transceiver] RE: Re: New User with HRD problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-08 14:48:16 UTC
From: Lee
Topic: 1621 Message: 1636

If that is the kind of comment you give Paul for answering your question I think there will be many in this group that will not answer your future questions. You act like it is his fault you misread the guide.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of fraserbonnett@...
Sent: Tuesday, October 08, 2013 7:26 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Re: New User with HRD problem

I misread the user guide ... give me a break

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

At end of first paragraph on Computer Interfaces in the User's Guide.

This transceiver can be connected to your computer to operate with the
Ham Radio Deluxe
software. A built-in CAT interface makes the X1M also suitable for
automatic logging and control.
The serial interface (9pin Sub-D) on the rear supplies TTL level
signals. An optional interface
provides a level converter to RS-232 levels. The interface emulates an
Icom radio (IC-718).

1637. Re: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-08 14:55:49 UTC
From: John N Jeanne Meeks
Topic: 1535 Message: 1637

Dale,
I would be greatly interested in the AGC and a S=meter!

John

_____
From: "parinc1@..." <parinc1@frontier.com>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 7, 2013 3:19 PM
Subject: [X1M_QRP-Transceiver] X1M AGC

As I develop the PCB layout , I have one of the 4
LM324 op amps unused. Is anyone interested in an external S meter? I may be able to use the 4th op amp for relative signal strength with , say a standard 0-1mA meter.
No promises.
Dale W4OP

1638. Re: [X1M_QRP-Transceiver] RE: Re: New User with HRD problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-08 15:36:40 UTC
From: Charlie , W5COV
Topic: 1621 Message: 1638

My thoughts exactly Lee .

One will also soon learn the value of having someone on this group
answer a question .

THANK YOU Paul .

Charlie , W5COV

On 10/8/2013 9:48 AM, Lee wrote:
>
> If that is the kind of comment you give Paul for answering your
> question I think there will be many in this group that will not answer
> your future questions. You act like it is his fault you misread the
> guide.
>
> Lee – N9LO
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of
> *fraserbonnett@...
> *Sent:* Tuesday, October 08, 2013 7:26 AM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] RE: Re: New User with HRD problem
>
> I misread the user guide ... give me a break
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>,
> <x1m_qrp-transceiver@yahoogroups.com
> <mailto:x1m_qrp-transceiver@yahoogroups.com>> wrote:
>
> At end of first paragraph on Computer Interfaces in the User's Guide.
>
>
> This transceiver can be connected to your computer to operate with the
> Ham Radio Deluxe
> software. A built-in CAT interface makes the X1M also suitable for
> automatic logging and control.
> The serial interface (9pin Sub-D) on the rear supplies TTL level
> signals. An optional interface
> provides a level converter to RS-232 levels. The interface emulates an
> Icom radio (IC-718).
>

>

1639. RE: Re: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-08 16:26:48 UTC
From: <r-mason@...>
Topic: 1535 Message: 1639

And....on transmit, use the same meter to sample the ALC voltage for an indication of power out.....
Roger N4HSI

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I had been looking at adding an "S" meter circuit , but wasn't sure what all your AGC circuit would use on the chip . It is certainly something to consider and the dB9 would be a good spot for it.

Then later if people want to key an amp that doesn't use RF sensing , we can add a jack for that if there is enough interest , or possibly some other useful accessory connection .

Glad to see your great suggestions and would be interested in seeing any other suggested accessories or improvements that are beyond the scope of having the company making changes .

As hams we all have a variety of interests and this is a beautiful little rig to customize , like the guys working on the processor project .

Charlie , W5COV

On 10/7/2013 6:30 PM, Dale Parfitt wrote:

☐
I think we have a spare pin on the dB9 that could be devoted to the S meter. But I may be getting a bit ahead of myself. I'll breadboard it tomorrow.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV mailto:cvest@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Cc: parinc1@... mailto:parinc1@...
Sent: Monday, October 07, 2013 7:03 PM
Subject: Re: [X1M_QRP-Transceiver] X1M AGC

I agree use it like Yaesu does and we can run it to an external jack for an "S" meter .

THANKS DALE !!

Charlie , W5COV

On 10/7/2013 5:19 PM, parinc1@... mailto:parinc1@... wrote:

As I develop the PCB layout , I have one of the 4 LM324 op amps unused. Is anyone interested in an external S meter? I may be able to use the 4th op amp for relative signal strength with , say a standard 0-1mA meter.
No promises.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6721 - Release Date: 10/03/13

1640. X1M availability

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-08 18:53:15 UTC
From: Sourav Sarkar
Topic: 1640 Message: 1640

Hi group

Could someone please guide as to from where this qrp rig can be bought ?

73s,
Sourav Vu3Cgb

_____
Sent from Samsung Galaxy Note

1641. RE: X1M availability

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-08 23:22:43 UTC
From: <lphebus@...>
Topic: 1640 Message: 1641

hi,

I got mine from "import communications" http://www.importcommunications.com/
http://www.importcommunications.com/
I don't know about current availability or overseas shipping.

---In x1m_qrp-transceiver@yahoogroups.com, <sourav.relja@...> wrote:

Hi group
Could someone please guide as to from where this qrp rig can be bought ?
73s,
Sourav Vu3Cgb

_____
Sent from Samsung Galaxy Note

1642. RE: RE: X1M availability

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 01:11:21 UTC
From: <deadgoose@...>
Topic: 1640 Message: 1642

Rumor has it that they are going to do a production run this month, with shipment late in the month or early November.

/paul W3FIS

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

hi,

I got mine from "import communications" http://www.importcommunications.com/
http://www.importcommunications.com/
I don't know about current availability or overseas shipping.

---In x1m_qrp-transceiver@yahoogroups.com, <sourav.relja@...> wrote:

Hi group
Could someone please guide as to from where this qrp rig can be bought ?
73s,
Sourav Vu3Cgb

_____
Sent from Samsung Galaxy Note

1643. Kightradio.com Waiting List Roll Call

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 03:17:25 UTC
From: <johnkc8jzo@...>
Topic: 1643 Message: 1643

Hello All,

I was curious about who was still waiting for the X1M from Dale Kight / Kight Radio. With the "rumors" of a late October / early November production run, I would imagine him getting some stock in finally. Is there anyone who has received a radio from Kight recently? More importantly, has anyone been in contact with Dale as of late? My last contact was Aug 20, with no luck since. The lack of response from him is quite a bit frustrating.

John Golub
KC8JZO

1644. Re: [X1M_QRP-Transceiver] Kightradio.com Waiting List Roll Call

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 04:17:22 UTC
From: Charlie , W5COV
Topic: 1643 Message: 1644

I don't know this person at all , but he "appears" to have an active web site for selling radios and related equipment besides just the X1M . I wonder if ANYONE has ordered or RECEIVED ANY item from him since from approximately May from just what I have read ??

Has anyone asked on other groups about buying other equipment from him ? Just curious if he is even still in "business."

Certainly NO WAY to treat customers , at least send them an e-mail , you are safe behind the keyboard .

I have had ABSOLUTELY ABOVE AND BEYOND ANYTHING EVEN REMOTELY RELATED TO THE MOST EXCELLENT SERVICE *EVER* from Ed at Import Communications. I have been a ham for 48 years and he is the *BEST OF THE BEST , BAR NONE !!**IN THE USA . * I have even dealt personally with the Henry Brothers in Butler , Missouri , back in the day and had GREAT service from them , but Ed has been even better !!

*http://www.importcommunications.com *

Don't forget , if the rumor mill is indeed correct about a shipment sometime in November , then it is very likely we will see an upgrade for the Pro firmware by that time too . So remember you MUST have the Xiegu , or EQUIVALENT _/TTL/_ DB-9 ADAPTER , to perform any updates then or in the future !!!

I am excited that my new *HF OMNIANGLE ANTENNA , DESIGNED & BUILT BY DALE PARFITT , AN X1M PRO OWNER , AND GROUP MEMBER , WILL BE HERE _/TOMORROW !!!!

/_*
http://www.parelectronics.com/omnis.php Look under Antennas , HF OMNIANGLE , for true omni directional antennas for HF . He also has his VHF / UHF antennas listed on his home page .

I *WILL *be ON THE AIR this weekend with the PRO and the OMNIANGLE and will be trying to hunt down all of you guys with X1M's !!! HOPEFULLY EVERYONE WILL MAKE THIS AN "X1M ON THE AIR WEEKEND" !!!

Charlie , W5COV

On 10/8/2013 10:17 PM, johnkc8jzo@... wrote:
>
> Hello All,
>
> I was curious about who was still waiting for the X1M from Dale
> Kight / Kight Radio. With the "rumors" of a late October / early

> November production run, I would imagine him getting some stock in
> finally. Is there anyone who has received a radio from Kight
> recently? More importantly, has anyone been in contact with Dale as
> of late? My last contact was Aug 20, with no luck since. The lack of
> response from him is quite a bit frustrating.
>
> John Golub
> KC8JZO
>
>

1645. RE: RE: New User with HRD problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 05:03:45 UTC
From: Ian Coots
Topic: 1621 Message: 1645
Attachments: 1 described; binary payloads are missing from this source WARC

Hello, my USB to TTL adaptor has arrived, so now I need to connect it to my DB9.

I checked the schematic, and can't find what I need so hopefully someone in the group can assist. The Pins out on the USB converter are identified as...

3V3

TXD

RXD

GND

+5V

Can anyone please tell me which goes to which pin on the DB9?

All help appreciated.

Ian VK3YIC

ausflag

1646. Re: [X1M_QRP-Transceiver] Kightradio.com Waiting List Roll Call

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 07:39:32 UTC
From: Keith Heimbold
Topic: 1643 Message: 1646

I bought my X1M from Kight radio and I was very satisfied with the purchase. My only issue would have been a little more information that a newer version was coming out or was already out. But in his defense I was hot and bothered to get one of these small rigs that I didn't think about asking.

I have one of the original designs and I have been very happy with it. Look forward getting the AGC mods done.

Keith
AK6ZZ

Sent from my iPhone please excuse typos

> On Oct 8, 2013, at 9:17 PM, "Charlie , W5COV" <cvest@cox.net> wrote:
>
> I don't know this person at all , but he "appears" to have an active web site for selling radios and related equipment besides just the X1M . I wonder if ANYONE has ordered or RECEIVED ANY item from him since from approximately May from just what I have read ??
>
> Has anyone asked on other groups about buying other equipment from him ? Just curious if he is even still in "business."
>
> Certainly NO WAY to treat customers , at least send them an e-mail , you are safe behind the keyboard .
>
> I have had ABSOLUTELY ABOVE AND BEYOND ANYTHING EVEN REMOTELY RELATED TO THE MOST EXCELLENT SERVICE EVER from Ed at Import Communications. I have been a ham for 48 years and he is the BEST OF THE BEST , BAR NONE !! IN THE USA . I have even dealt personally with the Henry Brothers in Butler , Missouri , back in the day and had GREAT service from them , but Ed has been even better !!
>
> http://www.importcommunications.com
>
> Don't forget , if the rumor mill is indeed correct about a shipment sometime in November , then it is very likely we will see an upgrade for the Pro firmware by that time too . So remember you MUST have the Xiegu , or EQUIVALENT TTL DB-9 ADAPTER , to perform any updates then or in the future !!!
>
> I am excited that my new HF OMNIANGLE ANTENNA , DESIGNED & BUILT BY DALE PARFITT , AN X1M PRO OWNER , AND GROUP MEMBER , WILL BE HERE TOMORROW !!!!
>
>
> http://www.parelectronics.com/omnis.php Look under Antennas , HF OMNIANGLE , for true omni directional antennas for HF . He also has his VHF / UHF antennas listed on his home page .
>

> I WILL be ON THE AIR this weekend with the PRO and the OMNIANGLE and will be trying to hunt down all of you guys with X1M's !!! HOPEFULLY EVERYONE WILL MAKE THIS AN "X1M ON THE AIR WEEKEND" !!!
>
>
> Charlie , W5COV
>
>
>
>> On 10/8/2013 10:17 PM, johnkc8jzo@yahoo.com wrote:
>>
>> Hello All,
>>
>> I was curious about who was still waiting for the X1M from Dale Kight / Kight Radio. With the "rumors" of a late October / early November production run, I would imagine him getting some stock in finally. Is there anyone who has received a radio from Kight recently? More importantly, has anyone been in contact with Dale as of late? My last contact was Aug 20, with no luck since. The lack of response from him is quite a bit frustrating.
>>
>> John Golub
>> KC8JZO
>>
>
>

1647. RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 13:32:48 UTC
From: Lee
Topic: 1621 Message: 1647
Attachments: 1 described; binary payloads are missing from this source WARC

Here you are. Have fun.

USB TTL -> DB9

Ground -> Pin 5

TX -> Pin 3

RX -> Pin 2

Lee - N9LOUSB TTL -> DB9
Ground ->Pin 5
TX -> Pin 3
RX -> Pin 2USB TTL -> DB9
Ground ->Pin 5
TX -> Pin 3
RX -> Pin 2

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots
Sent: Wednesday, October 09, 2013 12:04 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Hello, my USB to TTL adaptor has arrived, so now I need to connect it to my
DB9.

I checked the schematic, and can't find what I need so hopefully someone in
the group can assist. The Pins out on the USB converter are identified as...

3V3

TXD

RXD

GND

+5V

Can anyone please tell me which goes to which pin on the DB9?

All help appreciated.

Ian VK3YIC

ausflag

1648. Re: Kightradio.com Waiting List Roll Call

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 15:23:38 UTC
From: kf9cm
Topic: 1643 Message: 1648

Hi everyone,

After going through 2 bad radios, I tried to contact him back in August to no avail. I finally had to get my money from PayPal. I'm going to let this shake out before I buy again.....from Ed at Import Communications.

73 de Gary, KF9CM

--- In X1M_QRP-Transceiver@yahoogroups.com, wrote:
>
> Hello All,
>
> I was curious about who was still waiting for the X1M from Dale Kight / Kight Radio. With the "rumors" of a late October / early November production run, I would imagine him getting some stock in finally. Is there anyone who has received a radio from Kight recently? More importantly, has anyone been in contact with Dale as of late? My last contact was Aug 20, with no luck since. The lack of response from him is quite a bit frustrating.
>
> John Golub
> KC8JZO
>

1649. Re: [X1M_QRP-Transceiver] Re: Kightradio.com Waiting List Roll Call

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 15:39:07 UTC
From: Mel Sojka
Topic: 1643 Message: 1649

Well I order one from ED last week and sent it back to him Yesterday.
Almost no audio output. I hope this is not a bad omen.
Mel

--
System Janitor/Network Plumber http://www.nwla.com
Linux User #25446 Linux 2.6.32

1650. Re: [X1M_QRP-Transceiver] Re: Kightradio.com Waiting List Roll Call

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 16:05:44 UTC
From: Dale Parfitt
Topic: 1643 Message: 1650

Hi Mel,
Have you followed the threads on increasing the audio out? What antenna do you use?

Dale W4OP
----- Original Message -----
From: Mel Sojka
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 09, 2013 11:39 AM
Subject: Re: [X1M_QRP-Transceiver] Re: Kightradio.com Waiting List Roll Call

Well I order one from ED last week and sent it back to him Yesterday.
Almost no audio output. I hope this is not a bad omen.
Mel

--
System Janitor/Network Plumber http://www.nwla.com
Linux User #25446 Linux 2.6.32

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6733 - Release Date: 10/08/13

1651. Re: [X1M_QRP-Transceiver] RE: RE: X1M availability

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 16:19:45 UTC
From: Sourav Sarkar
Topic: 1640 Message: 1651

Thanks all.

I contacted Ed Griffin at importcommunication and got a quotation. ...he still has 10pcs X1M- platinum edition left !!! after which next supply will be in Nov

73,
Sourav Vu3Cgb

Sent from Samsung Galaxy Note
On 9 Oct 2013 06:41, <deadgoose@...> wrote:

> **
>
>
> Rumor has it that they are going to do a production run this month, with
> shipment late in the month or early November.
>
>
> /paul W3FIS
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com, <
> x1m_qrp-transceiver@yahoogroups.com> wrote:
>
> hi,
>
>
> I got mine from "import communications"
> http://www.importcommunications.com/
>
> I don't know about current availability or overseas shipping.
>
>
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <sourav.relja@...> wrote:
>
> Hi group
>
> Could someone please guide as to from where this qrp rig can be bought ?
>
> 73s,
> Sourav Vu3Cgb
> ---

> Sent from Samsung Galaxy Note
>
>

1652. Re: [X1M_QRP-Transceiver] Re: Kightradio.com Waiting List Roll Call

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 16:20:34 UTC
From: Mel Sojka
Topic: 1643 Message: 1652

A 5 element monobander at 20 meters up and a vertical at 5 meters to the base. I am a ten meter person.

--
System Janitor/Network Plumber http://www.nwla.com
Linux User #25446 Linux 2.6.32

1653. Antenna connector

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 18:25:24 UTC
From: Victor Schensnovich
Topic: 1653 Message: 1653

Hi friends, looking in the video, sometimes antenna connector is BNC,
sometimes UHF. Who knows why?
Victor, UA1CEX.

1654. Re: [X1M_QRP-Transceiver] Antenna connector

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 18:33:23 UTC
From: Charlie , W5COV
Topic: 1653 Message: 1654

Certain zones preferred the SO-239 and here in the USA and some other
places BNC is the "standard" for QRP.

I also think some of the very early models produced also use the SO-239 .

The problem with using the SO-239 here in the USA was the ones being
installed had metric threads and would not properly fit the PL-259
connectors .

Charlie , W5COV

On 10/9/2013 1:25 PM, Victor Schensnovich wrote:
>
> Hi friends, looking in the video, sometimes antenna connector is BNC,
> sometimes UHF. Who knows why?
> Victor, UA1CEX.
>
>

1655. Re: [X1M_QRP-Transceiver] Re: Kightradio.com Waiting List Roll Call

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 18:37:56 UTC
From: Charlie , W5COV
Topic: 1643 Message: 1655

Most of us have modified the X1M to increase the audio . There is a resistor (R63c) off of pin 1 of the LM386 audio amplifier that needs to have a jumper placed across it to bring the audio level up to a very decent level using the internal speaker .

Charlie , W5COV

On 10/9/2013 11:20 AM, Mel Sojka wrote:
>
> A 5 element monobander at 20 meters up and a vertical at 5 meters to the
> base. I am a ten meter person.
>
> --
> System Janitor/Network Plumber http://www.nwla.com
> Linux User #25446 Linux 2.6.32
>
>

1656. Re: [X1M_QRP-Transceiver] Antenna connector

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 18:40:56 UTC
From: Dale Parfitt
Topic: 1653 Message: 1656

Depends on the model. The original was SO-239, the PRO is BNC.

Dale W4OP
----- Original Message -----
From: Victor Schensnovich
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 09, 2013 2:25 PM
Subject: [X1M_QRP-Transceiver] Antenna connector

Hi friends, looking in the video, sometimes antenna connector is BNC,
sometimes UHF. Who knows why?
Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6733 - Release Date: 10/08/13

1657. Hello to the group!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 20:53:19 UTC
From: kd5ttz@bellsouth.net
Topic: 1657 Message: 1657

Thanks for accepting my request to join this group.

The call is KD5TTZ, and I am interested in the X1M unit.

I am wanting to work QRP from my work location offshore grid EL58jc.
I work on an oil rig, and being able to see horizon to horizon, I was thinking that this would be a great place to try QRP.

I will be sitting on top of the heliport, with a 50x50 iron plat under the antenna, hoping that this would not hurt anything.
I am looking at several portable antennas, but like the X1M, I'm not quite sold on any yet.

I am open to all opinions as for as the X1M, and a portable HF antenna, it has to be small to fit inside the helicopter for transport.

Do you guys think that this would work ok on the iron plate?
Would being offshore give any advantage to working QRP?
What portable HF antenna would work for my application?

Thanks guys,
KD5TTZ
73's

1658. RE: RE: Re: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 21:55:48 UTC
From: <hb9pjt@...>
Topic: 1535 Message: 1658

There is not only no AGC but also no ALC.

73, Peter - HB9PJT

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

And....on transmit, use the same meter to sample the ALC voltage for an indication of power out.....
Roger N4HSI

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I had been looking at adding an "S" meter circuit , but wasn't sure what all your AGC circuit would use on the chip . It is certainly something to consider and the dB9 would be a good spot for it.

Then later if people want to key an amp that doesn't use RF sensing , we can add a jack for that if there is enough interest , or possibly some other useful accessory connection .

Glad to see your great suggestions and would be interested in seeing any other suggested accessories or improvements that are beyond the scope of having the company making changes .

As hams we all have a variety of interests and this is a beautiful little rig to customize , like the guys working on the processor project .

Charlie , W5COV

On 10/7/2013 6:30 PM, Dale Parfitt wrote:

☐
I think we have a spare pin on the dB9 that could be devoted to the S meter. But I may be getting a bit ahead of myself. I'll breadboard it tomorrow.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV mailto:cvest@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Cc: parinc1@... mailto:parinc1@...
Sent: Monday, October 07, 2013 7:03 PM
Subject: Re: [X1M_QRP-Transceiver] X1M AGC

I agree use it like Yaesu does and we can run it to an external jack for an "S" meter .

THANKS DALE !!

Charlie , W5COV

On 10/7/2013 5:19 PM, parinc1@... mailto:parinc1@... wrote:

As I develop the PCB layout , I have one of the 4 LM324 op amps unused. Is anyone interested in an external S meter? I may be able to use the 4th op amp for relative signal strength with , say a standard 0-1mA meter.
No promises.
Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6721 - Release Date: 10/03/13

1659. Re: [X1M_QRP-Transceiver] Hello to the group!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 22:04:56 UTC
From: Charlie , W5COV
Topic: 1657 Message: 1659

As far as the X1M Pro goes , you will not find any radio anywhere near the price that will compare with the radio .

It does have an issue transmitting CW , that the factory is aware of and is currently preparing a firmware upgrade to resolve this issue . We believe due to their manufacturing schedule that the firmware should be available likely sometime this month . They have been very cooperative and it is another nice feature of the radio , that it can be upgraded with firmware , so if you buy one be certain to purchase the TTL interface adapter also . They will also include updates in the firmware to allow you to bypass some of the steps currently in the manual , however if you want to tweak it to your particular liking , you can also manually set them by the book and no test equipment is required .

If you follow the manual and the quick start procedure in the files section of this group , you can begin to operate SSB immediately . You do take the top cover off to set the CW sidetone level and also the microphone gain .

The audio sound out of the speaker as currently shipped from the factory , is a little too low for most peoples liking . Most all of us that own them , have made a very simple modification of jumpering one resistor in the radio and it provides all the volume that the speaker can handle . Very simple and easy modification that everyone I know of on the group , has performed by themselves . There is a good chance this will be a change made on the next run of these radios , but they tend to sell out rather quickly , and runs are limited in number .

There is only one distributor in the USA that has any in stock and as of yesterday I understand from reading the group that he had 10 or less in stock . That is Ed , at Import Communications .
http://www.importcommunications.com

I suggest you contact him and he can give you the exact details , since my information comes from reading the group.

I have tried to be as honest as possible , letting you know what I am aware of on both the up and down side .

I have two of them and when I buy another radio , it will be yet another one of them . Like I said with this expected firmware update , then there is no radio built at even twice the price that will compare to this fine little radio .

You should have a very nice groundplane with that 50 X 50 plate , so there are many antennas to choose from . One of the group members , and also an X1M Pro owner is the designer and founder of the original EFHW

antenna of QRP fame . He currently sells other antennas and can give you expert professional advice about antennas for QRP . His web page is http://www.parelectronics.com/index.php

Please feel free to contact him too . His name is Dale .

That should give you enough information and contacts to get other opinions besides mine , which I encourage you to do .

In short I LOVE this LITTLE jewel and you WILL make contacts !!

Charlie , W5COV

On 10/9/2013 3:53 PM, kd5ttz@... wrote:
>
> Thanks for accepting my request to join this group.
>
> The call is KD5TTZ, and I am interested in the X1M unit.
>
> I am wanting to work QRP from my work location offshore grid EL58jc.
> I work on an oil rig, and being able to see horizon to horizon, I was
> thinking that this would be a great place to try QRP.
>
> I will be sitting on top of the heliport, with a 50x50 iron plat under
> the antenna, hoping that this would not hurt anything.
> I am looking at several portable antennas, but like the X1M, I'm not
> quite sold on any yet.
>
> I am open to all opinions as for as the X1M, and a portable HF
> antenna, it has to be small to fit inside the helicopter for transport.
>
> Do you guys think that this would work ok on the iron plate?
> Would being offshore give any advantage to working QRP?
> What portable HF antenna would work for my application?
>
> Thanks guys,
> KD5TTZ
> 73's
>
>

1660. RE: RE: RE: Re: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 22:20:59 UTC
From: <r-mason@...>
Topic: 1535 Message: 1660

Hi Peter,
You're right.....after I wrote that I looked at the schematic for a point in the circuit to sample ALC voltage. Nothing like a traditional ALC to be found. Oh well.
Roger N4HSI

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

There is not only no AGC but also no ALC.

73, Peter - HB9PJT

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

And....on transmit, use the same meter to sample the ALC voltage for an indication of power out.....
Roger N4HSI

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I had been looking at adding an "S" meter circuit , but wasn't sure what all your AGC circuit would use on the chip . It is certainly something to consider and the dB9 would be a good spot for it.

Then later if people want to key an amp that doesn't use RF sensing , we can add a jack for that if there is enough interest , or possibly some other useful accessory connection .

Glad to see your great suggestions and would be interested in seeing any other suggested accessories or improvements that are beyond the scope of having the company making changes .

As hams we all have a variety of interests and this is a beautiful little rig to customize , like the guys working on the processor project .

Charlie , W5COV

On 10/7/2013 6:30 PM, Dale Parfitt wrote:

☐
I think we have a spare pin on the dB9 that could be devoted to the S meter. But I may be getting a bit ahead of myself. I'll breadboard it tomorrow.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV mailto:cvest@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Cc: parinc1@... mailto:parinc1@...
Sent: Monday, October 07, 2013 7:03 PM
Subject: Re: [X1M_QRP-Transceiver] X1M AGC

I agree use it like Yaesu does and we can run it to an external jack for an "S" meter .

THANKS DALE !!

Charlie , W5COV

On 10/7/2013 5:19 PM, parinc1@... mailto:parinc1@... wrote:

As I develop the PCB layout , I have one of the 4 LM324 op amps unused. Is anyone interested in an external S meter? I may be able to use the 4th op amp for relative signal strength with , say a standard 0-1mA meter.
No promises.
Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6721 - Release Date: 10/03/13

1661. Re: Hello to the group!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 23:04:34 UTC
From: kd5ttz@bellsouth.net
Topic: 1657 Message: 1661

Thanks for the much appreciated information on the unit.
I have sent an email to import communications asking a few questions about the current stock, and the availability on of a new model if any?

I am looking at the Buddipole style antenna so that I can just set it on the deck. I cannot hang any wires, wish I could. So I am limited to what type of antenna to use.

I would also need a tuner and an SWR bridge. I hope to be able to just put everything in a back pack when not in use, and for easy carry on in the helicopter.

Thanks!
KD5TTZ
Kyp

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> As far as the X1M Pro goes , you will not find any radio anywhere near
> the price that will compare with the radio .
>
> It does have an issue transmitting CW , that the factory is aware of and
> is currently preparing a firmware upgrade to resolve this issue . We
> believe due to their manufacturing schedule that the firmware should be
> available likely sometime this month . They have been very cooperative
> and it is another nice feature of the radio , that it can be upgraded
> with firmware , so if you buy one be certain to purchase the TTL
> interface adapter also . They will also include updates in the firmware
> to allow you to bypass some of the steps currently in the manual ,
> however if you want to tweak it to your particular liking , you can also
> manually set them by the book and no test equipment is required .
>
> If you follow the manual and the quick start procedure in the files
> section of this group , you can begin to operate SSB immediately . You
> do take the top cover off to set the CW sidetone level and also the
> microphone gain .
>
> The audio sound out of the speaker as currently shipped from the factory
> , is a little too low for most peoples liking . Most all of us that own
> them , have made a very simple modification of jumpering one resistor in
> the radio and it provides all the volume that the speaker can handle .
> Very simple and easy modification that everyone I know of on the group ,
> has performed by themselves . There is a good chance this will be a
> change made on the next run of these radios , but they tend to sell out
> rather quickly , and runs are limited in number .
>
> There is only one distributor in the USA that has any in stock and as of
> yesterday I understand from reading the group that he had 10 or less in

> stock . That is Ed , at Import Communications .
> http://www.importcommunications.com
>
> I suggest you contact him and he can give you the exact details , since
> my information comes from reading the group.
>
> I have tried to be as honest as possible , letting you know what I am
> aware of on both the up and down side .
>
> I have two of them and when I buy another radio , it will be yet another
> one of them . Like I said with this expected firmware update , then
> there is no radio built at even twice the price that will compare to
> this fine little radio .
>
> You should have a very nice groundplane with that 50 X 50 plate , so
> there are many antennas to choose from . One of the group members , and
> also an X1M Pro owner is the designer and founder of the original EFHW
> antenna of QRP fame . He currently sells other antennas and can give you
> expert professional advice about antennas for QRP . His web page is
> http://www.parelectronics.com/index.php
>
> Please feel free to contact him too . His name is Dale .
>
> That should give you enough information and contacts to get other
> opinions besides mine , which I encourage you to do .
>
> In short I LOVE this LITTLE jewel and you WILL make contacts !!
>
> Charlie , W5COV
>
>
> On 10/9/2013 3:53 PM, kd5ttz@... wrote:
> >
> > Thanks for accepting my request to join this group.
> >
> > The call is KD5TTZ, and I am interested in the X1M unit.
> >
> > I am wanting to work QRP from my work location offshore grid EL58jc.
> > I work on an oil rig, and being able to see horizon to horizon, I was
> > thinking that this would be a great place to try QRP.
> >
> > I will be sitting on top of the heliport, with a 50x50 iron plat under
> > the antenna, hoping that this would not hurt anything.
> > I am looking at several portable antennas, but like the X1M, I'm not
> > quite sold on any yet.
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> > I am open to all opinions as for as the X1M, and a portable HF
> > antenna, it has to be small to fit inside the helicopter for transport.
> >
> > Do you guys think that this would work ok on the iron plate?

> > Would being offshore give any advantage to working QRP?
> > What portable HF antenna would work for my application?
> >
> > Thanks guys,
> > KD5TTZ
> > 73's
> >
> >
>

1662. Re: [X1M_QRP-Transceiver] Re: Hello to the group!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 23:12:43 UTC
From: Bill Smith
Topic: 1657 Message: 1662

Look at the Emtech zmatch tuner. You can get it already assembled or as a kit. It handles 15 watts which is more than enough for this radio.

Bill Smith
KK6WLS

> On Oct 9, 2013, at 4:04 PM, "kd5ttz@..." <kd5ttz@bellsouth.net> wrote:
>
>
>
> Thanks for the much appreciated information on the unit.
> I have sent an email to import communications asking a few questions about the current stock, and the availability on of a new model if any?
>
> I am looking at the Buddipole style antenna so that I can just set it on the deck. I cannot hang any wires, wish I could. So I am limited to what type of antenna to use.
>
> I would also need a tuner and an SWR bridge. I hope to be able to just put everything in a back pack when not in use, and for easy carry on in the helicopter.
>
> Thanks!
> KD5TTZ
> Kyp
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
> >
> > As far as the X1M Pro goes , you will not find any radio anywhere near
> > the price that will compare with the radio .
> >
> > It does have an issue transmitting CW , that the factory is aware of and
> > is currently preparing a firmware upgrade to resolve this issue . We
> > believe due to their manufacturing schedule that the firmware should be
> > available likely sometime this month . They have been very cooperative
> > and it is another nice feature of the radio , that it can be upgraded
> > with firmware , so if you buy one be certain to purchase the TTL
> > interface adapter also . They will also include updates in the firmware
> > to allow you to bypass some of the steps currently in the manual ,
> > however if you want to tweak it to your particular liking , you can also
> > manually set them by the book and no test equipment is required .
> >
> > If you follow the manual and the quick start procedure in the files
> > section of this group , you can begin to operate SSB immediately . You
> > do take the top cover off to set the CW sidetone level and also the
> > microphone gain .
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> > The audio sound out of the speaker as currently shipped from the factory
> > , is a little too low for most peoples liking . Most all of us that own
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> > the radio and it provides all the volume that the speaker can handle .
> > Very simple and easy modification that everyone I know of on the group ,
> > has performed by themselves . There is a good chance this will be a
> > change made on the next run of these radios , but they tend to sell out
> > rather quickly , and runs are limited in number .
> >
> > There is only one distributor in the USA that has any in stock and as of
> > yesterday I understand from reading the group that he had 10 or less in
> > stock . That is Ed , at Import Communications .
> > http://www.importcommunications.com
> >
> > I suggest you contact him and he can give you the exact details , since
> > my information comes from reading the group.
> >
> > I have tried to be as honest as possible , letting you know what I am
> > aware of on both the up and down side .
> >
> > I have two of them and when I buy another radio , it will be yet another
> > one of them . Like I said with this expected firmware update , then
> > there is no radio built at even twice the price that will compare to
> > this fine little radio .
> >
> > You should have a very nice groundplane with that 50 X 50 plate , so
> > there are many antennas to choose from . One of the group members , and
> > also an X1M Pro owner is the designer and founder of the original EFHW
> > antenna of QRP fame . He currently sells other antennas and can give you
> > expert professional advice about antennas for QRP . His web page is
> > http://www.parelectronics.com/index.php
> >
> > Please feel free to contact him too . His name is Dale .
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> > That should give you enough information and contacts to get other
> > opinions besides mine , which I encourage you to do .
> >
> > In short I LOVE this LITTLE jewel and you WILL make contacts !!
> >
> > Charlie , W5COV
> >
> >
> > On 10/9/2013 3:53 PM, kd5ttz@... wrote:
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> > > Thanks for accepting my request to join this group.
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> > > thinking that this would be a great place to try QRP.
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> > > Thanks guys,
> > > KD5TTZ
> > > 73's
> > >
> > >
> >
>
>

1663. Re: Hello to the group!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-09 23:29:16 UTC
From: kd5ttz@bellsouth.net
Topic: 1657 Message: 1663

Thanks, I will look at it in just a second.

--- In X1M_QRP-Transceiver@yahoogroups.com, Bill Smith <kk6wls@...> wrote:
>
> Look at the Emtech zmatch tuner. You can get it already assembled or as a kit. It handles 15 watts which is more than enough for this radio.
>
> Bill Smith
> KK6WLS
>
> > On Oct 9, 2013, at 4:04 PM, "kd5ttz@..." <kd5ttz@...> wrote:
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> > Thanks for the much appreciated information on the unit.
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> > Thanks!
> > KD5TTZ
> > Kyp
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> > --- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@> wrote:
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> > > As far as the X1M Pro goes , you will not find any radio anywhere near
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> > > I suggest you contact him and he can give you the exact details , since
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> > > You should have a very nice groundplane with that 50 X 50 plate , so
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> > >
> > > That should give you enough information and contacts to get other
> > > opinions besides mine , which I encourage you to do .
> > >
> > > In short I LOVE this LITTLE jewel and you WILL make contacts !!
> > >
> > > Charlie , W5COV
> > >
> > >
> > > On 10/9/2013 3:53 PM, kd5ttz@ wrote:
> > > >
> > > > Thanks for accepting my request to join this group.
> > > >

> > > > The call is KD5TTZ, and I am interested in the X1M unit.
> > > >
> > > > I am wanting to work QRP from my work location offshore grid EL58jc.
> > > > I work on an oil rig, and being able to see horizon to horizon, I was
> > > > thinking that this would be a great place to try QRP.
> > > >
> > > > I will be sitting on top of the heliport, with a 50x50 iron plat under
> > > > the antenna, hoping that this would not hurt anything.
> > > > I am looking at several portable antennas, but like the X1M, I'm not
> > > > quite sold on any yet.
> > > >
> > > > I am open to all opinions as for as the X1M, and a portable HF
> > > > antenna, it has to be small to fit inside the helicopter for transport.
> > > >
> > > > Do you guys think that this would work ok on the iron plate?
> > > > Would being offshore give any advantage to working QRP?
> > > > What portable HF antenna would work for my application?
> > > >
> > > > Thanks guys,
> > > > KD5TTZ
> > > > 73's
> > > >
> > > >
> > >
> >
> >
>

1664. CW

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-10 00:04:11 UTC
From: Victor Schensnovich
Topic: 1664 Message: 1664

Hi Charlie,

I work CW only and do not like SSB. What does it mean your phrase "it does have an issue transmittin CW"?
Victor, UA1CEX.

1665. Microphone connector broke

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-10 00:24:48 UTC
From: Keith Heimbold
Topic: 1664 Message: 1665

This is probably a dumb question but my microphone connector broke to the 1/8" plug and i don't know which wires to solder to which parts of the microphone. Any insight would be awesome. There is a black, yellow and red wire.

Thanks,

Keith
AK6ZZ

1666. RE: [X1M_QRP-Transceiver] Microphone connector broke

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-10 00:41:22 UTC
From: Lee
Topic: 1664 Message: 1666

Different microphones have different colors. Open up the microphone and see which color goes straight up to me microphone element. Mine is red and goes to the plug tip. On miner yellow goes to the microphone element then red would be ring. Far right I had yellow which is not used but connected to the speaker.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Keith Heimbold
Sent: Wednesday, October 09, 2013 7:25 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Microphone connector broke

This is probably a dumb question but my microphone connector broke to the 1/8" plug and i don't know which wires to solder to which parts of the microphone. Any insight would be awesome. There is a black, yellow and red wire.

Thanks,

Keith
AK6ZZ

1667. Re: [X1M_QRP-Transceiver] Microphone connector broke

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-10 00:49:06 UTC
From: Charlie , W5COV
Topic: 1664 Message: 1667

PLEASE EVERYONE , In your notes section on your personal settings from the manual in the group files , MAKE A NOTE OF THE COLOR AND CONNECTIONS TO YOU MIC PLUG !!

The mic COLOR CODE is NOT UNIVERSAL !!

Keith I think this mic is wired like this :

WHITE : NOT USED cut back out of the way
BLACK : Long Metal Piece (GROUND)
RED : Center section of plug (PTT)
YELLOW : Plug Tip (MIC)

Charlie , W5COV

On 10/9/2013 7:24 PM, Keith Heimbold wrote:
>
> This is probably a dumb question but my microphone connector broke to
> the 1/8" plug and i don't know which wires to solder to which parts of
> the microphone. Any insight would be awesome. There is a black, yellow
> and red wire.
>
> Thanks,
>
> Keith
> AK6ZZ
>
>

1668. Re: Antenna connector

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-10 01:57:00 UTC
From: Paul W. Ross
Topic: 1653 Message: 1668

To further confuse matters, I believe in Australia, that they can order either version!

73 /paul W3FIS

1669. Re: Antenna connector

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-10 04:00:30 UTC
From: Ian Coots
Topic: 1653 Message: 1669
Attachments: 1 described; binary payloads are missing from this source WARC

Correct..in VK land our wonderful supplier offers a choice of BNC or SO239

Regards,

Ian VK3YIC

ausflag

1670. RE: Homebrew programming cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-10 14:16:56 UTC
From: <sambasamba2@...>
Topic: 1611 Message: 1670

Ja, es sind nur 3 pins, Pin 2, 3 und 5 am Transceiver. Pin2=RXD, Pin3=TXD, Pin5=GND
73
DF2ss/WiMo
.

---In x1m_qrp-transceiver@yahoogroups.com, <andreas.fuehrmann@...> wrote:

Have a cheap TTL-RS232 here (http://www.ebay.de/itm/260683988593) and want to make my own programming cable. Can anyone confirm there are only 3 pins to connect: 5, 6 and 8?

Andy DC3AFA

1671. RE: RE: Homebrew programming cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-10 14:37:04 UTC
From: <andreas.fuehrmann@...>
Topic: 1611 Message: 1671

Danke!

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Ja, es sind nur 3 pins, Pin 2, 3 und 5 am Transceiver. Pin2=RXD, Pin3=TXD, Pin5=GND
73
DF2ss/WiMo
.

---In x1m_qrp-transceiver@yahoogroups.com, <andreas.fuehrmann@...> wrote:

Have a cheap TTL-RS232 here (http://www.ebay.de/itm/260683988593) and want to make my own programming cable. Can anyone confirm there are only 3 pins to connect: 5, 6 and 8?

Andy DC3AFA

1672. RE: Homebrew programming cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-10 14:40:23 UTC
From: <andreas.fuehrmann@...>
Topic: 1611 Message: 1672

Danke!

---In x1m_qrp-transceiver@yahoogroups.com, <sambasamba2@...> wrote:

Ja, es sind nur 3 pins, Pin 2, 3 und 5 am Transceiver. Pin2=RXD, Pin3=TXD, Pin5=GND
73
DF2ss/WiMo
.

---In x1m_qrp-transceiver@yahoogroups.com, <andreas.fuehrmann@...> wrote:

Have a cheap TTL-RS232 here (http://www.ebay.de/itm/260683988593) and want to make my own programming cable. Can anyone confirm there are only 3 pins to connect: 5, 6 and 8?

Andy DC3AFA

1673. RE: Homebrew programming cable

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-10 18:52:42 UTC
From: <andreas.fuehrmann@...>
Topic: 1611 Message: 1673

Thanks, CAT control is working with HRD under Win7 but I took a USB-TTL adaptor (http://www.ebay.de/itm/390606705703) instead. Now I am looking for a way to use it under OS X.

Andy, DC3AFA

1674. FIRMWARE UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 02:14:39 UTC
From: Charlie , W5COV
Topic: 1674 Message: 1674

Try at your own risk , but looks like maybe what we have been waiting on
, at least a Beta version upgrade .....

Has anyone visited the files section today and tried the file
X1Mupdate.rar
<http://f1.grp.yahoofs.com/v1/iEZXUmqmx4Wd4SaujDea1jNUSatrIrth36CgUMypmSe6rebkGCeiXBhoHjIOiLYy-Bi7Z7DC0RmggDrD4_a5gA454n2J6w/Firmware/X1Mupdate.rar>
X1Mupdate.rar
<http://f1.grp.yahoofs.com/v1/iEZXUmqmx4Wd4SaujDea1jNUSatrIrth36CgUMypmSe6rebkGCeiXBhoHjIOiLYy-Bi7Z7DC0RmggDrD4_a5gA454n2J6w/Firmware/X1Mupdate.rar>
Listed as update for the PRO . Don't think there is one yet for the
early version. Appears already unzipped and
ready to be run as an executable .

There is also a change log posted :
X1M new Firmware_changelog.pdf
<http://f1.grp.yahoofs.com/v1/iEZXUo2hvMed4Sau9Ibo3IajcWBTeNfBERF4s7lb0lpnbiaWdy1gC7A6ufjmxw3ZXZopP3LaNqn4RDO3iVuhj6TRWAGNWw/Firmware/X1M%20new%20Firmware_changelog.pdf>

Both shown as is not tested

Not near my radio at the present time . Would be interested in comments .

Charlie , W5COV

1675. RE: FIRMWARE UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 04:54:07 UTC
From: <jeff@...>
Topic: 1674 Message: 1675

Here's what the change log lists, do you see anything that seems to be a fix for the CW xmit/recv problem?

Changelog:
1. ATT status display be canceled .
2. ATT switch be canceled in the multifunction key .
3. SPL status display be moved to the original ATT status display location.
4. increase Autokey speed icon and Value indicates.
5. Original ATT switch function in the multifunction key is replaced by Automatic key speed control select function.
6.The bug that If before shutdown, is selected channel mode and the channel number is empty. after power on of the current VFO data will be written to the current empty channel number been Modify.
7.The RIT been amended to only receive valid.
8. Correction for SPL Mode:
8.1 SPL of CW mode: under the CW Mode, must operation Mode of two VFO that all been set to CW, SPL will valid, otherwise it will appear BUG.
8.2 In The operation Mode of the two VFO, all is not under CW Mode, SPL functions are not affected.
9.CW side tone been changed only receive valid.RECV BFO+CW SIDETONE.
10.Default offset of LSB's BFO be modified to -1100Hz (relative the intermediate frequency value),For the EEPROM of the machine already have valid data, after you must to initialize ,it can write the correct data.
If the EEPROM have not writed the correct data , will at first power-on automatically initialized to the correct value.
11.Correction for Speed and Intervals of CW automatic key.

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Try at your own risk , but looks like maybe what we have been waiting on , at least a Beta version upgrade .....

Has anyone visited the files section today and tried the file X1Mupdate.rar http://f1.grp.yahoofs.com/v1/iEZXUmqmx4Wd4SaujDea1jNUSatrIrth36CgUMypmSe6rebkGCeiXBhoHjIOiLYy-Bi7Z7DC0RmggDrD4_a5gA454n2J6w/Firmware/X1Mupdate.rar
X1Mupdate.rar http://f1.grp.yahoofs.com/v1/iEZXUmqmx4Wd4SaujDea1jNUSatrIrth36CgUMypmSe6rebkGCeiXBhoHjIOiLYy-Bi7Z7DC0RmggDrD4_a5gA454n2J6w/Firmware/X1Mupdate.rar Listed as update for the PRO . Don't think there is one yet for the early version. Appears already unzipped and
ready to be run as an executable .

There is also a change log posted :
X1M new Firmware_changelog.pdf

Both shown as is not tested

Not near my radio at the present time . Would be interested in comments .

Charlie , W5COV

1676. Re: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 05:07:24 UTC
From: Charlie , W5COV
Topic: 1674 Message: 1676

Yes number 9 should resolve the main issue .

Charlie

On 10/10/2013 11:54 PM, jeff@... wrote:
>
> Here's what the change log lists, do you see anything that seems to be
> a fix for the CW xmit/recv problem?
>
>
> Changelog:
>
> 1. ATT status display be canceled .
>
> 2. ATT switch be canceled in the multifunction key .
>
> 3. SPL status display be moved to the original ATT status display
> location.
>
> 4. increase Autokey speed icon and Value indicates.
>
> 5. Original ATT switch function in the multifunction key is replaced
> by Automatic key speed control select function.
>
> 6.The bug that If before shutdown, is selected channel mode and the
> channel number is empty. after power on of the current VFO data will
> be written to the currentempty channel number been Modify.
>
> 7.The RIT been amended to only receive valid.
>
> 8. Correction for SPL Mode:
>
> 8.1 SPL of CW mode: under the CW Mode, must operation Mode of two VFO
> that all been set to CW, SPL will valid, otherwise it will appear BUG.
>
> 8.2 In The operation Mode of the two VFO, all is not under CW Mode,
> SPL functions are not affected.
>
> 9.CW side tone been changed only receive valid.RECV BFO+CW SIDETONE.
>
> 10.Default offset of LSB's BFO be modified to -1100Hz (relative the
> intermediate frequency value),For the EEPROM of the machine already
> have valid data, after you must to initialize ,it can write the
> correct data.
>

> If the EEPROM have not writed the correct data , will at first
> power-on automatically initialized to the correct value.
>
> 11.Correction for Speed and Intervals of CW automatic key.
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com,
> <x1m_qrp-transceiver@yahoogroups.com> wrote:
>
> Try at your own risk , but looks like maybe what we have been waiting
> on , at least a Beta version upgrade .....
>
> Has anyone visited the files section today and tried the file
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IOiLYy-Bi7Z7DC0RmggDrD4_a5gA454n2J6w/Firmware/X1Mupdate.rar>
> X1Mupdate.rar
> <http://f1.grp.yahoofs.com/v1/iEZXUmqmx4Wd4SaujDea1jNUSatrIrth36CgUMypmSe6rebkGCeiXBhoHj
IOiLYy-Bi7Z7DC0RmggDrD4_a5gA454n2J6w/Firmware/X1Mupdate.rar>
> Listed as update for the PRO . Don't think there is one yet for the
> early version. Appears already unzipped and
> ready to be run as an executable .
>
> There is also a change log posted :
> X1M new Firmware_changelog.pdf
> <http://f1.grp.yahoofs.com/v1/iEZXUo2hvMed4Sau9Ibo3IajcWBTeNfBERF4s7lb0lpnbiaWdy1gC7A6uf
jmxw3ZXZopP3LaNqn4RDO3iVuhj6TRWAGNWw/Firmware/X1M%20new%20Firmware_changelog.pdf>
>
> Both shown as is not tested
>
> Not near my radio at the present time . Would be interested in comments .
>
> Charlie , W5COV
>

1677. Re: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 05:39:35 UTC
From: Charlie , W5COV
Topic: 1674 Message: 1677

The firmware upgrade and instructions can be found in the files section
under the FIRMWARE HEADING . PLEASE note the date for the latest version .

Charlie , W5COV

On 10/11/2013 12:07 AM, Charlie , W5COV wrote:
>
> Yes number 9 should resolve the main issue .
>
> Charlie
>
> On 10/10/2013 11:54 PM, jeff@... wrote:
>>
>> Here's what the change log lists, do you see anything that seems to
>> be a fix for the CW xmit/recv problem?
>>
>>
>> Changelog:
>>
>> 1. ATT status display be canceled .
>>
>> 2. ATT switch be canceled in the multifunction key .
>>
>> 3. SPL status display be moved to the original ATT status display
>> location.
>>
>> 4. increase Autokey speed icon and Value indicates.
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>> 5. Original ATT switch function in the multifunction key is replaced
>> by Automatic key speed control select function.
>>
>> 6.The bug that If before shutdown, is selected channel mode and the
>> channel number is empty. after power on of the current VFO data will
>> be written to the currentempty channel number been Modify.
>>
>> 7.The RIT been amended to only receive valid.
>>
>> 8. Correction for SPL Mode:
>>
>> 8.1 SPL of CW mode: under the CW Mode, must operation Mode of two VFO
>> that all been set to CW, SPL will valid, otherwise it will appear BUG.
>>
>> 8.2 In The operation Mode of the two VFO, all is not under CW Mode,
>> SPL functions are not affected.
>>

>> 9.CW side tone been changed only receive valid.RECV BFO+CW SIDETONE.
>>
>> 10.Default offset of LSB's BFO be modified to -1100Hz (relative the
>> intermediate frequency value),For the EEPROM of the machine already
>> have valid data, after you must to initialize ,it can write the
>> correct data.
>>
>> If the EEPROM have not writed the correct data , will at first
>> power-on automatically initialized to the correct value.
>>
>> 11.Correction for Speed and Intervals of CW automatic key.
>>
>>
>>
>> ---In X1M_QRP-Transceiver@yahoogroups.com,
>> <x1m_qrp-transceiver@yahoogroups.com> wrote:
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>>
>> Has anyone visited the files section today and tried the file
>> X1Mupdate.rar
>> <http://f1.grp.yahoofs.com/v1/iEZXUmqmx4Wd4SaujDea1jNUSatrIrth36CgUMypmSe6rebkGCeiXBhoH
jIOiLYy-Bi7Z7DC0RmggDrD4_a5gA454n2J6w/Firmware/X1Mupdate.rar>
>> X1Mupdate.rar
>> <http://f1.grp.yahoofs.com/v1/iEZXUmqmx4Wd4SaujDea1jNUSatrIrth36CgUMypmSe6rebkGCeiXBhoH
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>> ready to be run as an executable .
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>> There is also a change log posted :
>> X1M new Firmware_changelog.pdf
>> <http://f1.grp.yahoofs.com/v1/iEZXUo2hvMed4Sau9Ibo3IajcWBTeNfBERF4s7lb0lpnbiaWdy1gC7A6u
fjmxw3ZXZopP3LaNqn4RDO3iVuhj6TRWAGNWw/Firmware/X1M%20new%20Firmware_changelog.pdf>
>>
>> Both shown as is not tested
>>
>> Not near my radio at the present time . Would be interested in comments .
>>
>> Charlie , W5COV
>
>

1678. AW: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 06:35:19 UTC
From: Joe
Topic: 1674 Message: 1678

Hi Charlie, Group

Don´t use this Firmware-update!

WIMO tried yesterday to flash two units (X1M Pro), this two devices are now dead!

So stay patient

73 Joe

DF2JP

Von: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] Im Auftrag von Charlie , W5COV
Gesendet: Freitag, 11. Oktober 2013 07:40
An: X1M_QRP-Transceiver@yahoogroups.com
Betreff: Re: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

The firmware upgrade and instructions can be found in the files section under the FIRMWARE HEADING . PLEASE note the date for the latest version .

Charlie , W5COV

On 10/11/2013 12:07 AM, Charlie , W5COV wrote:

Yes number 9 should resolve the main issue .

Charlie

On 10/10/2013 11:54 PM, jeff@... wrote:

Here's what the change log lists, do you see anything that seems to be a fix for the CW xmit/recv problem?

Changelog:

1. ATT status display be canceled .

2. ATT switch be canceled in the multifunction key .

3. SPL status display be moved to the original ATT status display location.

4. increase Autokey speed icon and Value indicates.

5. Original ATT switch function in the multifunction key is replaced by Automatic key speed control select function.

6.The bug that If before shutdown, is selected channel mode and the channel number is empty. after power on of the current VFO data will be written to the current empty channel number been Modify.

7.The RIT been amended to only receive valid.

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8.1 SPL of CW mode: under the CW Mode, must operation Mode of two VFO that all been set to CW, SPL will valid, otherwise it will appear BUG.

8.2 In The operation Mode of the two VFO, all is not under CW Mode, SPL functions are not affected.

9.CW side tone been changed only receive valid.RECV BFO+CW SIDETONE.

10.Default offset of LSB's BFO be modified to -1100Hz (relative the intermediate frequency value),For the EEPROM of the machine already have valid data, after you must to initialize ,it can write the correct data.

If the EEPROM have not writed the correct data , will at first power-on automatically initialized to the correct value.

11.Correction for Speed and Intervals of CW automatic key.

---In X1M_QRP-Transceiver@yahoogroups.com, <mailto:x1m_qrp-transceiver@yahoogroups.com> <x1m_qrp-transceiver@yahoogroups.com> wrote:

Try at your own risk , but looks like maybe what we have been waiting on , at least a Beta version upgrade .....

Has anyone visited the files section today and tried the file <http://f1.grp.yahoofs.com/v1/iEZXUmqmx4Wd4SaujDea1jNUSatrIrth36CgUMypmSe6rebkGCeiXBhoHjIOiLYy-Bi7Z7DC0RmggDrD4_a5gA454n2J6w/Firmware/X1Mupdate.rar> X1Mupdate.rar <http://f1.grp.yahoofs.com/v1/iEZXUmqmx4Wd4SaujDea1jNUSatrIrth36CgUMypmSe6rebkGCeiXBhoHjIOiLYy-Bi7Z7DC0RmggDrD4_a5gA454n2J6w/Firmware/X1Mupdate.rar> X1Mupdate.rar Listed as update for the PRO . Don't think there is one yet for the early version. Appears already unzipped and
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There is also a change log posted :
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Both shown as is not tested

Not near my radio at the present time . Would be interested in comments .

Charlie , W5COV

1679. A microphone modification

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 08:59:19 UTC
From: Steinar Aanesland
Topic: 1674 Message: 1679

Hi all

This is my first writing to the group, but I have been lurking around for awhile.

After some bad audio reports, I decided to take a look at the microphone. I was told that there was no treble , and that came not as a surprise to me . When I open up the box I found the mic element was hidden up in the left corner without no hole in the front. My voice had to go trough massive plastic . What did I do ? Well, nothing fancy. I removed the speaker and replaced it with the mic element, and now I get very nice audio reports:)

Picture :
https://dl.dropboxusercontent.com/u/16381257/mic.jpg

By the way, I got my radio from http://www.importcommunications.com. Great service :)

LA5VNA S

1680. RE: FIRMWARE UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 09:08:32 UTC
From: <sambasamba2@...>
Topic: 1674 Message: 1680

WiMo speaking.
After changing a baudrate setting, the update works ok.
See new pdf under 'files'
73 to all
DF2SS/WiMo Germany

---In x1m_qrp-transceiver@yahoogroups.com, <df2jp@...> wrote:

Hi Charlie, Group

Don´t use this Firmware-update!
WIMO tried yesterday to flash two units (X1M Pro), this two devices are now dead!

So stay patient

73 Joe
DF2JP

Von: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] Im Auftrag von Charlie , W5COV
Gesendet: Freitag, 11. Oktober 2013 07:40
An: X1M_QRP-Transceiver@yahoogroups.com
Betreff: Re: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

The firmware upgrade and instructions can be found in the files section under the FIRMWARE HEADING . PLEASE note the date for the latest version .

Charlie , W5COV

On 10/11/2013 12:07 AM, Charlie , W5COV wrote:

Yes number 9 should resolve the main issue .

Charlie
On 10/10/2013 11:54 PM, jeff@... mailto:jeff@... wrote:

Here's what the change log lists, do you see anything that seems to be a fix for the CW xmit/recv problem?

Changelog:
1. ATT status display be canceled .
2. ATT switch be canceled in the multifunction key .
3. SPL status display be moved to the original ATT status display location.
4. increase Autokey speed icon and Value indicates.
5. Original ATT switch function in the multifunction key is replaced by Automatic key speed control select function.
6.The bug that If before shutdown, is selected channel mode and the channel number is empty. after power on of the current VFO data will be written to the current empty channel

number been Modify.
7.The RIT been amended to only receive valid.
8. Correction for SPL Mode:
8.1 SPL of CW mode: under the CW Mode, must operation Mode of two VFO that all been set to CW, SPL will valid, otherwise it will appear BUG.
8.2 In The operation Mode of the two VFO, all is not under CW Mode, SPL functions are not affected.
9.CW side tone been changed only receive valid.RECV BFO+CW SIDETONE.
10.Default offset of LSB's BFO be modified to -1100Hz (relative the intermediate frequency value),For the EEPROM of the machine already have valid data, after you must to initialize ,it can write the correct data.
If the EEPROM have not writed the correct data , will at first power-on automatically initialized to the correct value.
11.Correction for Speed and Intervals of CW automatic key.

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> mailto:x1m_qrp-transceiver@yahoogroups.com wrote:
Try at your own risk , but looks like maybe what we have been waiting on , at least a Beta version upgrade .....

Has anyone visited the files section today and tried the file X1Mupdate.rar http://f1.grp.yahoofs.com/v1/iEZXUmqmx4Wd4SaujDea1jNUSatrIrth36CgUMypmSe6rebkGCeiXBhoHjIOiLYy-Bi7Z7DC0RmggDrD4_a5gA454n2J6w/Firmware/X1Mupdate.rar
X1Mupdate.rar http://f1.grp.yahoofs.com/v1/iEZXUmqmx4Wd4SaujDea1jNUSatrIrth36CgUMypmSe6rebkGCeiXBhoHjIOiLYy-Bi7Z7DC0RmggDrD4_a5gA454n2J6w/Firmware/X1Mupdate.rar Listed as update for the PRO . Don't think there is one yet for the early version. Appears already unzipped and
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There is also a change log posted :
X1M new Firmware_changelog.pdf http://f1.grp.yahoofs.com/v1/iEZXUo2hvMed4Sau9Ibo3IajcWBTeNfBERF4s7lb0lpnbiaWdy1gC7A6ufjmxw3ZXZopP3LaNqn4RDO3iVuhj6TRWAGNWw/Firmware/X1M%20new%20Firmware_changelog.pdf

Both shown as is not tested

Not near my radio at the present time . Would be interested in comments .

Charlie , W5COV

1681. Re: AW: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 09:15:37 UTC
From: Zsolt Gyorgy
Topic: 1674 Message: 1681

Hi for All,

The link for firmware did not work :(
Can you help me?

Zsolt/yo6zs

On Friday, October 11, 2013 9:35 AM, Joe <df2jp@gmx.de> wrote:

Hi Charlie, Group

Don´t use this Firmware-update!
WIMO tried yesterday to flash two units (X1M Pro), this two devices are now dead!

So stay patient

73 Joe
DF2JP

Von:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] Im Auftrag von Charlie , W5COV
Gesendet: Freitag, 11. Oktober 2013 07:40
An: X1M_QRP-Transceiver@yahoogroups.com
Betreff: Re: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

The firmware upgrade and instructions can be found in the files section under the FIRMWARE HEADING . PLEASE note the date for the latest version .

Charlie , W5COV

On 10/11/2013 12:07 AM, Charlie , W5COV wrote:

>Yes number 9 should resolve the main issue .
>
>Charlie
>On 10/10/2013 11:54 PM, jeff@... wrote:
>
>>Here's what the change log lists, do you see anything that seems to be a fix for the CW xmit/recv problem?
>>
>>Changelog:
>>1. ATT status display be canceled .
>>2. ATT switch be canceled in the multifunction key .
>>3. SPL status display be moved to the original ATT status display location.
>>4. increase Autokey speed icon and Value indicates.
>>5. Original ATT switch function in the multifunction key is replaced by Automatic key speed control select function.
>>6.The bug that If before shutdown, is selected channel mode and the channel number is

empty. after power on of the current VFO data will be written to the currentempty channel number been Modify.
>>7.The RIT been amended to only receive valid.
>>8. Correction for SPL Mode:
>>8.1 SPL of CW mode: under the CW Mode, must operation Mode of two VFO that all been set to CW, SPL will valid, otherwise it will appear BUG.
>>8.2 In The operation Mode of the two VFO, all is not under CW Mode, SPL functions are not affected.
>>9.CW side tone been changed only receive valid.RECV BFO+CW SIDETONE.
>>10.Default offset of LSB's BFO be modified to -1100Hz (relative the intermediate frequency value),For the EEPROM of the machine already have valid data, after you must to initialize ,it can write the correct data.
>>If the EEPROM have not writed the correct data , will at first power-on automatically initialized to the correct value.
>>11.Correction for Speed and Intervals of CW automatic key.
>>
>>
>>
>>---In X1M_QRP-Transceiver@yahoogroups.com, mailto:x1m_qrp-transceiver@yahoogroups.com wrote:
>>Try at your own risk , but looks like maybe what we have been waiting on , at least a Beta version upgrade .....
>>
>>Has anyone visited the files section today and tried the file X1Mupdate.rar
>>X1Mupdate.rar Listed as update for the PRO . Don't think there is one yet for the early version. Appears already unzipped and
>>ready to be run as an executable .
>>
>>There is also a change log posted :
>>X1M new Firmware_changelog.pdf
>>
>>Both shown as is not tested
>>
>>Not near my radio at the present time . Would be interested in comments .
>>
>>Charlie , W5COV
>

1682. Re: AW: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 09:17:17 UTC
From: Charlie , W5COV
Topic: 1674 Message: 1682

Hi Joe , Group ,*PLEASE READ JOE'S MESSAGE . NOT ALL UPGRADES HAVE BEEN SUCCESSFUL . I PERSONALLY HAVE NOT HAD A FAILURE !! BE WARNED !!

PERHAPS JOE CAN ADVISE THE EQUIPMENT IN USE FOR THE FAILED UNITS .
*
I just now flashed an X1M PRO with July 2013 software using the software that WIMO posted and following the list of instructions that I posted to the board . It worked perfectly and upgraded firmware to September 28 2013 V1.01b USA

MY EQUIPMENT USED :
WINDOWS XP PRO
X1M PRO July 2013 Firmware (IMPORT COMMUNICATIONS)
PROLIFIC CHIPSET USB / DB-9 adapter cable (Computer Store Purchase)
ORIGINAL XIEGU TTL INTERFACE (IMPORT COMMUNICATIONS)
(www.importcommunications.com)

*AGAIN PLEASE READ WARNINGS AND JOE'S MESSAGE !!!! (SEE BELOW)

ANYONE ELSE WITH FEEDBACK WOULD BE GREATLY APPRECIATED.

Charlie , W5COV

*
On 10/11/2013 1:35 AM, Joe wrote:
>
> Hi Charlie, Group
>
> Don´t use this Firmware-update!
>
> WIMO tried yesterday to flash two units (X1M Pro), this two devices
> are now dead!
>
> So stay patient
>
> 73 Joe
>
> DF2JP
>
> *Von:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *Im Auftrag von *Charlie
> , W5COV
> *Gesendet:* Freitag, 11. Oktober 2013 07:40
> *An:* X1M_QRP-Transceiver@yahoogroups.com
> *Betreff:* Re: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE
>

> The firmware upgrade and instructions can be found in the files
> section under the FIRMWARE HEADING . PLEASE note the date for the
> latest version .
>
> Charlie , W5COV
>
>
>
> On 10/11/2013 12:07 AM, Charlie , W5COV wrote:
>
> Yes number 9 should resolve the main issue .
>
> Charlie
>
> On 10/10/2013 11:54 PM, jeff@... <mailto:jeff@...>
> wrote:
>
> Here's what the change log lists, do you see anything that
> seems to be a fix for the CW xmit/recv problem?
>
> Changelog:
>
> 1. ATT status display be canceled .
>
> 2. ATT switch be canceled in the multifunction key .
>
> 3. SPL status display be moved to the original ATT status
> display location.
>
> 4. increase Autokey speed icon and Value indicates.
>
> 5. Original ATT switch function in the multifunction key is
> replaced by Automatic key speed control select function.
>
> 6.The bug that If before shutdown, is selected channel mode
> and the channel number is empty. after power on of the current
> VFO data will be written to the currentempty channel number
> been Modify.
>
> 7.The RIT been amended to only receive valid.
>
> 8. Correction for SPL Mode:
>
> 8.1 SPL of CW mode: under the CW Mode, must operation Mode of
> two VFO that all been set to CW, SPL will valid, otherwise it
> will appear BUG.
>
> 8.2 In The operation Mode of the two VFO, all is not under CW
> Mode, SPL functions are not affected.
>

> 9.CW side tone been changed only receive valid.RECV BFO+CW
> SIDETONE.
>
> 10.Default offset of LSB's BFO be modified to -1100Hz
> (relative the intermediate frequency value),For the EEPROM of
> the machine already have valid data, after you must to
> initialize ,it can write the correct data.
>
> If the EEPROM have not writed the correct data , will at first
> power-on automatically initialized to the correct value.
>
> 11.Correction for Speed and Intervals of CW automatic key.
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>,
> <x1m_qrp-transceiver@yahoogroups.com>
> <mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:
>
> Try at your own risk , but looks like maybe what we have been
> waiting on , at least a Beta version upgrade .....
>
> Has anyone visited the files section today and tried the file
> *X1Mupdate.rar*
> <http://f1.grp.yahoofs.com/v1/iEZXUmqmx4Wd4SaujDea1jNUSatrIrth36CgUMypmSe6rebkGCeiXBhoHj
IOiLYy-Bi7Z7DC0RmggDrD4_a5gA454n2J6w/Firmware/X1Mupdate.rar>**
> *X1Mupdate.rar
> <http://f1.grp.yahoofs.com/v1/iEZXUmqmx4Wd4SaujDea1jNUSatrIrth36CgUMypmSe6rebkGCeiXBhoHj
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> Listed as update for the PRO . Don't think there is one yet
> for the early version. Appears already unzipped and **
> ready to be run as an executable .
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> There is also a change log posted : *
> *X1M new Firmware_changelog.pdf*
> <http://f1.grp.yahoofs.com/v1/iEZXUo2hvMed4Sau9Ibo3IajcWBTeNfBERF4s7lb0lpnbiaWdy1gC7A6uf
jmxw3ZXZopP3LaNqn4RDO3iVuhj6TRWAGNWw/Firmware/X1M%20new%20Firmware_changelog.pdf>
>
> Both shown as is not tested
>
> Not near my radio at the present time . Would be interested in
> comments .
>
> Charlie , W5COV
>
>

1683. Re: AW: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 09:22:23 UTC
From: Charlie , W5COV
Topic: 1674 Message: 1683

Link to firmware :
http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/files/Firmware

Get Latest Date Posted BY WiMo .

Charlie

On 10/11/2013 4:15 AM, Zsolt Gyorgy wrote:
> Hi for All,
> The link for firmware did not work :(
> Can you help me?
> Zsolt/yo6zs
>
>
> On Friday, October 11, 2013 9:35 AM, Joe <df2jp@...> wrote:
> Hi Charlie, Group
> Don´t use this Firmware-update!
> WIMO tried yesterday to flash two units (X1M Pro), this two devices
> are now dead!
> So stay patient
> 73 Joe
> DF2JP
> *Von:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *Im Auftrag von *Charlie
> , W5COV
> *Gesendet:* Freitag, 11. Oktober 2013 07:40
> *An:* X1M_QRP-Transceiver@yahoogroups.com
> *Betreff:* Re: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE
> The firmware upgrade and instructions can be found in the files
> section under the FIRMWARE HEADING . PLEASE note the date for the
> latest version .
>
> Charlie , W5COV
>
>
>
> On 10/11/2013 12:07 AM, Charlie , W5COV wrote:
>
> Yes number 9 should resolve the main issue .
>
> Charlie
> On 10/10/2013 11:54 PM, jeff@... <mailto:jeff@...>
> wrote:
>
> Here's what the change log lists, do you see anything that
> seems to be a fix for the CW xmit/recv problem?

> Changelog:
> 1. ATT status display be canceled .
> 2. ATT switch be canceled in the multifunction key .
> 3. SPL status display be moved to the original ATT status
> display location.
> 4. increase Autokey speed icon and Value indicates.
> 5. Original ATT switch function in the multifunction key is
> replaced by Automatic key speed control select function.
> 6.The bug that If before shutdown, is selected channel mode
> and the channel number is empty. after power on of the current
> VFO data will be written to the currentempty channel number
> been Modify.
> 7.The RIT been amended to only receive valid.
> 8. Correction for SPL Mode:
> 8.1 SPL of CW mode: under the CW Mode, must operation Mode of
> two VFO that all been set to CW, SPL will valid, otherwise it
> will appear BUG.
> 8.2 In The operation Mode of the two VFO, all is not under CW
> Mode, SPL functions are not affected.
> 9.CW side tone been changed only receive valid.RECV BFO+CW
> SIDETONE.
> 10.Default offset of LSB's BFO be modified to -1100Hz
> (relative the intermediate frequency value),For the EEPROM of
> the machine already have valid data, after you must to
> initialize ,it can write the correct data.
> If the EEPROM have not writed the correct data , will at first
> power-on automatically initialized to the correct value.
> 11.Correction for Speed and Intervals of CW automatic key.
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>,
> mailto:x1m_qrp-transceiver@yahoogroups.com wrote:
> Try at your own risk , but looks like maybe what we have been
> waiting on , at least a Beta version upgrade .....
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> Has anyone visited the files section today and tried the file
> *X1Mupdate.rar*
> <http://f1.grp.yahoofs.com/v1/iEZXUmqmx4Wd4SaujDea1jNUSatrIrth36CgUMypmSe6rebkGCeiXBhoHj
IOiLYy-Bi7Z7DC0RmggDrD4_a5gA454n2J6w/Firmware/X1Mupdate.rar>**
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> Listed as update for the PRO . Don't think there is one yet
> for the early version. Appears already unzipped and **
> ready to be run as an executable .
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> There is also a change log posted : *
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jmxw3ZXZopP3LaNqn4RDO3iVuhj6TRWAGNWw/Firmware/X1M%20new%20Firmware_changelog.pdf>
>
> Both shown as is not tested
>
> Not near my radio at the present time . Would be interested in
> comments .
>
> Charlie , W5COV
>
>
>
>

1684. Re: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 09:25:35 UTC
From: Charlie , W5COV
Topic: 1674 Message: 1684

THANK YOU WiMO !! I had just confirmed it one more time while you were posting .

*FIRMWARE UPGRADE IS OKAY TO INSTALL IN THE X1M PRO . (NOT A VERSION FOR EARLIER X1M YET)

Charlie , W5COV

*
On 10/11/2013 4:08 AM, sambasamba2@... wrote:
>
> WiMo speaking.
>
> After changing a baudrate setting, the update works ok.
>
> See new pdf under 'files'
>
> 73 to all
>
> DF2SS/WiMo Germany
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <df2jp@...> wrote:
>
> Hi Charlie, Group
>
> Don´t use this Firmware-update!
>
> WIMO tried yesterday to flash two units (X1M Pro), this two devices
> are now dead!
>
> So stay patient
>
> 73 Joe
>
> DF2JP
>
> *Von:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *Im Auftrag von *Charlie
> , W5COV
> *Gesendet:* Freitag, 11. Oktober 2013 07:40
> *An:* X1M_QRP-Transceiver@yahoogroups.com
> *Betreff:* Re: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE
>
> The firmware upgrade and instructions can be found in the files

> section under the FIRMWARE HEADING . PLEASE note the date for the
> latest version .
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> Charlie , W5COV
>
>
>
> On 10/11/2013 12:07 AM, Charlie , W5COV wrote:
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> Yes number 9 should resolve the main issue .
>
> Charlie
>
> On 10/10/2013 11:54 PM, jeff@... <mailto:jeff@...> wrote:
>
> Here's what the change log lists, do you see anything that
> seems to be a fix for the CW xmit/recv problem?
>
> Changelog:
>
> 1. ATT status display be canceled .
>
> 2. ATT switch be canceled in the multifunction key .
>
> 3. SPL status display be moved to the original ATT status
> display location.
>
> 4. increase Autokey speed icon and Value indicates.
>
> 5. Original ATT switch function in the multifunction key
> is replaced by Automatic key speed control select function.
>
> 6.The bug that If before shutdown, is selected channel
> mode and the channel number is empty. after power on of
> the current VFO data will be written to the currentempty
> channel number been Modify.
>
> 7.The RIT been amended to only receive valid.
>
> 8. Correction for SPL Mode:
>
> 8.1 SPL of CW mode: under the CW Mode, must operation Mode
> of two VFO that all been set to CW, SPL will valid,
> otherwise it will appear BUG.
>
> 8.2 In The operation Mode of the two VFO, all is not under
> CW Mode, SPL functions are not affected.
>
> 9.CW side tone been changed only receive valid.RECV BFO+CW
> SIDETONE.

>
> 10.Default offset of LSB's BFO be modified to -1100Hz
> (relative the intermediate frequency value),For the EEPROM
> of the machine already have valid data, after you must to
> initialize ,it can write the correct data.
>
> If the EEPROM have not writed the correct data , will at
> first power-on automatically initialized to the correct
> value.
>
> 11.Correction for Speed and Intervals of CW automatic key.
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>,
> <x1m_qrp-transceiver@yahoogroups.com>
> <mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:
>
> Try at your own risk , but looks like maybe what we have
> been waiting on , at least a Beta version upgrade .....
>
> Has anyone visited the files section today and tried the
> file *X1Mupdate.rar*
> <http://f1.grp.yahoofs.com/v1/iEZXUmqmx4Wd4SaujDea1jNUSatrIrth36CgUMypmSe6rebkGCeiXBhoHj
IOiLYy-Bi7Z7DC0RmggDrD4_a5gA454n2J6w/Firmware/X1Mupdate.rar>**
> *X1Mupdate.rar
> <http://f1.grp.yahoofs.com/v1/iEZXUmqmx4Wd4SaujDea1jNUSatrIrth36CgUMypmSe6rebkGCeiXBhoHj
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> Listed as update for the PRO . Don't think there is one
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jmxw3ZXZopP3LaNqn4RDO3iVuhj6TRWAGNWw/Firmware/X1M%20new%20Firmware_changelog.pdf>
>
> Both shown as is not tested
>
> Not near my radio at the present time . Would be
> interested in comments .
>
> Charlie , W5COV
>
>

1685. RE: FIRMWARE UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 11:19:34 UTC
From: <andreas.fuehrmann@...>
Topic: 1674 Message: 1685

To all of you that already upgraded their firmware:
have your settings changed and you had to restore them manually?

Andy, DC3AFA

1686. RE: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 12:00:49 UTC
From: Fred VE3FAL
Topic: 1674 Message: 1686

I flashed mine sometime last week or the week before when Ed sent the software and all worked just fine on this end with no issues…

Acer aspire netbook and W7.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of sambasamba2@...
Sent: October 11, 2013 5:09 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

WiMo speaking.

After changing a baudrate setting, the update works ok.

See new pdf under 'files'

73 to all

DF2SS/WiMo Germany

---In x1m_qrp-transceiver@yahoogroups.com, <df2jp@...> wrote:

Hi Charlie, Group

Don´t use this Firmware-update!

WIMO tried yesterday to flash two units (X1M Pro), this two devices are now dead!

So stay patient

73 Joe

DF2JP

Von: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] Im Auftrag von Charlie , W5COV
Gesendet: Freitag, 11. Oktober 2013 07:40
An: X1M_QRP-Transceiver@yahoogroups.com
Betreff: Re: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

The firmware upgrade and instructions can be found in the files section under the FIRMWARE HEADING . PLEASE note the date for the latest version .

Charlie , W5COV

On 10/11/2013 12:07 AM, Charlie , W5COV wrote:

Yes number 9 should resolve the main issue .

Charlie

On 10/10/2013 11:54 PM, jeff@... wrote:

Here's what the change log lists, do you see anything that seems to be a fix for the CW xmit/recv problem?

Changelog:

1. ATT status display be canceled .

2. ATT switch be canceled in the multifunction key .

3. SPL status display be moved to the original ATT status display location.

4. increase Autokey speed icon and Value indicates.

5. Original ATT switch function in the multifunction key is replaced by Automatic key speed control select function.

6.The bug that If before shutdown, is selected channel mode and the channel number is empty. after power on of the current VFO data will be written to the current empty channel number been Modify.

7.The RIT been amended to only receive valid.

8. Correction for SPL Mode:

8.1 SPL of CW mode: under the CW Mode, must operation Mode of two VFO that all been set to CW, SPL will valid, otherwise it will appear BUG.

8.2 In The operation Mode of the two VFO, all is not under CW Mode, SPL functions are not affected.

9.CW side tone been changed only receive valid.RECV BFO+CW SIDETONE.

10.Default offset of LSB's BFO be modified to -1100Hz (relative the intermediate frequency value),For the EEPROM of the machine already have valid data, after you must to initialize ,it can write the correct data.

If the EEPROM have not writed the correct data , will at first power-on automatically initialized to the correct value.

11.Correction for Speed and Intervals of CW automatic key.

---In X1M_QRP-Transceiver@yahoogroups.com, <mailto:x1m_qrp-transceiver@yahoogroups.com> <x1m_qrp-transceiver@yahoogroups.com> wrote:

Try at your own risk , but looks like maybe what we have been waiting on , at least a Beta version upgrade .....

Has anyone visited the files section today and tried the file <http://f1.grp.yahoofs.com/v1/iEZXUmqmx4Wd4SaujDea1jNUSatrIrth36CgUMypmSe6rebkGCeiXBhoHjIOiLYy-Bi7Z7DC0RmggDrD4_a5gA454n2J6w/Firmware/X1Mupdate.rar> X1Mupdate.rar <http://f1.grp.yahoofs.com/v1/iEZXUmqmx4Wd4SaujDea1jNUSatrIrth36CgUMypmSe6rebkGCeiXBhoHjIOiLYy-Bi7Z7DC0RmggDrD4_a5gA454n2J6w/Firmware/X1Mupdate.rar> X1Mupdate.rar Listed as update for the PRO . Don't think there is one yet for the early version. Appears already unzipped and
ready to be run as an executable .

There is also a change log posted : <http://f1.grp.yahoofs.com/v1/iEZXUo2hvMed4Sau9Ibo3IajcWBTeNfBERF4s7lb0lpnbiaWdy1gC7A6ufjmxw3ZXZopP3LaNqn4RDO3iVuhj6TRWAGNWw/Firmware/X1M%20new%20Firmware_changelog.pdf> X1M new Firmware_changelog.pdf

Both shown as is not tested

Not near my radio at the present time . Would be interested in comments .

Charlie , W5COV

1687. RE: [X1M_QRP-Transceiver] A microphone modification

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 12:18:56 UTC
From: Lee
Topic: 1674 Message: 1687

Nice job. On my microphone the slot right above the microphone was open a little but there is a notch from the speaker area to the microphone so the sound comes in the front and is channeled to the microphone off the front of the speaker.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Steinar Aanesland
Sent: Friday, October 11, 2013 3:59 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] A microphone modification

Hi all

This is my first writing to the group, but I have been lurking around for awhile.

After some bad audio reports, I decided to take a look at the microphone. I was told that there was no treble , and that came not as a surprise to me . When I open up the box I found the mic element was hidden up in the left corner without no hole in the front. My voice had to go trough massive plastic . What did I do ? Well, nothing fancy. I removed the speaker and replaced it with the mic element, and now I get very nice audio reports:)

Picture :
https://dl.dropboxusercontent.com/u/16381257/mic.jpg

By the way, I got my radio from http://www.importcommunications.com.
Great service :)

LA5VNA S

1688. RE: RE: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 13:42:52 UTC
From: <neilgoldstein@...>
Topic: 1674 Message: 1688

Will this work on the older model?

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I flashed mine sometime last week or the week before when Ed sent the software and all worked just fine on this end with no issues…
Acer aspire netbook and W7.

Fred
VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of sambasamba2@...
Sent: October 11, 2013 5:09 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

WiMo speaking.
After changing a baudrate setting, the update works ok.
See new pdf under 'files'
73 to all
DF2SS/WiMo Germany

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <df2jp@... mailto:df2jp@...> wrote:
Hi Charlie, Group

Don´t use this Firmware-update!
WIMO tried yesterday to flash two units (X1M Pro), this two devices are now dead!

So stay patient

73 Joe
DF2JP

Von: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com] Im Auftrag von Charlie , W5COV
Gesendet: Freitag, 11. Oktober 2013 07:40
An: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Betreff: Re: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

The firmware upgrade and instructions can be found in the files section under the FIRMWARE HEADING . PLEASE note the date for the latest version .

Charlie , W5COV

On 10/11/2013 12:07 AM, Charlie , W5COV wrote:

Yes number 9 should resolve the main issue .

Charlie
On 10/10/2013 11:54 PM, jeff@... mailto:jeff@... wrote:

Here's what the change log lists, do you see anything that seems to be a fix for the CW xmit/recv problem?

Changelog:
1. ATT status display be canceled .
2. ATT switch be canceled in the multifunction key .
3. SPL status display be moved to the original ATT status display location.
4. increase Autokey speed icon and Value indicates.
5. Original ATT switch function in the multifunction key is replaced by Automatic key speed control select function.
6.The bug that If before shutdown, is selected channel mode and the channel number is empty. after power on of the current VFO data will be written to the current empty channel number been Modify.
7.The RIT been amended to only receive valid.
8. Correction for SPL Mode:
8.1 SPL of CW mode: under the CW Mode, must operation Mode of two VFO that all been set to CW, SPL will valid, otherwise it will appear BUG.
8.2 In The operation Mode of the two VFO, all is not under CW Mode, SPL functions are not affected.
9.CW side tone been changed only receive valid.RECV BFO+CW SIDETONE.
10.Default offset of LSB's BFO be modified to -1100Hz (relative the intermediate frequency value),For the EEPROM of the machine already have valid data, after you must to initialize ,it can write the correct data.
If the EEPROM have not writed the correct data , will at first power-on automatically initialized to the correct value.
11.Correction for Speed and Intervals of CW automatic key.

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> mailto:x1m_qrp-transceiver@yahoogroups.com wrote:
Try at your own risk , but looks like maybe what we have been waiting on , at least a Beta version upgrade .....

Has anyone visited the files section today and tried the file X1Mupdate.rar http://f1.grp.yahoofs.com/v1/iEZXUmqmx4Wd4SaujDea1jNUSatrIrth36CgUMypmSe6rebkGCeiXBhoHjIOiLYy-Bi7Z7DC0RmggDrD4_a5gA454n2J6w/Firmware/X1Mupdate.rar
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Both shown as is not tested

Not near my radio at the present time . Would be interested in comments .

Charlie , W5COV

1689. RE: RE: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 13:53:00 UTC
From: Lee
Topic: 1674 Message: 1689

From an earlier message:

FIRMWARE UPGRADE IS OKAY TO INSTALL IN THE X1M PRO . (NOT A VERSION FOR EARLIER X1M YET)
Charlie , W5COV

Lee – N9LO

Sent from my Windows PC, a real computer.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of neilgoldstein@...
Sent: Friday, October 11, 2013 8:43 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: RE: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

Will this work on the older model?

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I flashed mine sometime last week or the week before when Ed sent the software and all worked just fine on this end with no issues…

Acer aspire netbook and W7.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of sambasamba2@...
Sent: October 11, 2013 5:09 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

WiMo speaking.

After changing a baudrate setting, the update works ok.

See new pdf under 'files'

73 to all

DF2SS/WiMo Germany

---In x1m_qrp-transceiver@yahoogroups.com, <df2jp@...> wrote:

Hi Charlie, Group

Don´t use this Firmware-update!

WIMO tried yesterday to flash two units (X1M Pro), this two devices are now dead!

So stay patient

73 Joe

DF2JP

Von: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] Im Auftrag von Charlie , W5COV
Gesendet: Freitag, 11. Oktober 2013 07:40
An: X1M_QRP-Transceiver@yahoogroups.com
Betreff: Re: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

The firmware upgrade and instructions can be found in the files section under the FIRMWARE HEADING . PLEASE note the date for the latest version .

Charlie , W5COV

On 10/11/2013 12:07 AM, Charlie , W5COV wrote:

Yes number 9 should resolve the main issue .

Charlie

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Here's what the change log lists, do you see anything that seems to be a fix for the CW xmit/recv problem?

Changelog:

1. ATT status display be canceled .

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9.CW side tone been changed only receive valid.RECV BFO+CW SIDETONE.

10.Default offset of LSB's BFO be modified to -1100Hz (relative the intermediate frequency value),For the EEPROM of the machine already have valid data, after you must to initialize ,it can write the correct data.

If the EEPROM have not writed the correct data , will at first power-on automatically initialized to the correct value.

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<http://f1.grp.yahoofs.com/v1/iEZXUmqmx4Wd4SaujDea1jNUSatrIrth36CgUMypmSe6rebkGCeiXBhoHjIOiLYy-Bi7Z7DC0RmggDrD4_a5gA454n2J6w/Firmware/X1Mupdate.rar> X1Mupdate.rar Listed as update for the PRO . Don't think there is one yet for the early version. Appears already unzipped and
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Both shown as is not tested

Not near my radio at the present time . Would be interested in comments .

Charlie , W5COV

1690. CW

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 15:25:19 UTC
From: Victor Schensnovich
Topic: 1664 Message: 1690

Hi frieds, is someody here, who works CW on X1M?
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

1691. Re: [X1M_QRP-Transceiver] CW

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 15:35:46 UTC
From: M_AND_R_SHAREF
Topic: 1664 Message: 1691

I can try. I use a computer into the mic input. I'll need to make a jumper from my interface card to my friends X1M that he loaned me. I run fldigi. My hands are bad and I don't use a key that much anymore.

On Fri, Oct 11, 2013 at 11:25 AM, Victor Schensnovich <ua1cex@...>wrote:

> **
>
>
> Hi frieds, is someody here, who works CW on X1M?
> Victor, UA1CEX.
> --
> Sent from my Android phone with mail.com Mail. Please excuse my brevity.
>
>

1692. Information on Firmware

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 15:38:34 UTC
From: <ed@...>
Topic: 1692 Message: 1692

Firmware Updates

The recent firmware update was posted prematurely because it still has some bugs. I have had this firmware for a week or more and it has been tested by a few owners including Dale, W4OP. To Dale's credit, he has really tested it out, using equipment that's above most of our pay-grades, especially mine. All X1M owners owe Dale big-time.

For the most part, the firmware fixed several issues. It also created a few of its own. The factory is making corrections and I expect to have a new update in a day or two. I will go ahead and release it when it arrives. I don't believe this next one will need beta testing.

For those that have used this recent release, here is what problems you will see.
The factory is aware of all these bugs and I'm sure they will correct them if at all possible.

1--- Dot/Dash spacing seems to be OK now. But there is still no Dot/Dash memory.

2--- CW speed shown on display is wrong. It is off by 2x. If 10 wpm is shown on display, radio is transmitting at 20 wpm. Here is explanation:

Theory says that WPM = 6 / (5 x Dot Length)
With radio set for 10 wpm, the length of 1 dot is 0.06 seconds (measured by Dale).
So... 6 / (5 x .06) = 20 wpm.

3--- CW Keyer Setting. When radio is turned on, it defaults to 20 wpm. I've told the factory that the radio should remember last CW speed setting and return to that speed when turned on.

4--- Number of memory channels. Original was 100 channels. It is now 32 for VFO A and 32 for VFO B. Total is now 64. I've asked factory to check this.

5--- CW issue. Here is an excerpt from Dale's email to explain what is happening. I have conveyed this to the factory and I hope they understand.

quote: There is still an issue- not major- with the way CW is handled in the IF. I am no genius on this and have not spent a lot of time with it. But here is what I have done. In order to get the freq dial to read correctly in CW Mode I have set the CW BFO to the same frequency as the IF Offset (menu items 1 and 4). The CW Tone then is set to my preference of 500Hz. What setting 1 = to 4 does is center the CW signal in the filter bandpass. Everything works fine. The downside is that you hear both sides of a CW signal- sort of like the direct conversion receivers. This is not great on a crowded band, but is tolerable. One has to remember to always tune the station in on the low freq side of zerobeat in order for you to be on the correct side. If there is another solution- I am all ears. I have not given any thought as to how the firmware could be changed to allow the CW BFO to be set on one of the sidebands, but I know it could be done if we could communicate the concept to the Chinese. For now, it's probably more important to get at least dash memory.

So that's all I know for now. I'm looking for a corrected update in a couple days.

The factory has also said they would furnish an update for the owners of the original X1M radios. With my next shipment, I will get some replacement front panels. If you are the owner of an original X1M and would like to update your front panel to that of the X1M Pro, let me know. It'll give me an idea of how many to order.

Regards,
Ed

www.ImportCommunications.com http://www.importcommunications.com/

1693. RE: FIRMWARE UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 16:02:19 UTC
From: <andreas.fuehrmann@...>
Topic: 1674 Message: 1693

Upgraded the firmware which took less than a few minutes.
Went without any problem. My settings in the system menu didn´t change. Besides the missing ATT icon there is no change for me.

Andy, DC3AFA

1694. RE: Information on Firmware

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 16:07:10 UTC
From: <andreas.fuehrmann@...>
Topic: 1692 Message: 1694

So the bugs are only related to CW not SSB?

Andy, DC3AFA

1695. Re: [X1M_QRP-Transceiver] RE: FIRMWARE UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 16:24:31 UTC
From: Charlie , W5COV
Topic: 1674 Message: 1695

The RIT now functions properly . The CW keying issue has been changed and you can work CW with the proper frequencies , although as Ed said , the factory still has some timing issues to do a little clean up on and now the displayed keying speed is not quite correct , which he has made the company aware of now also .Split has been enabled in CW mode .Also the firmware also automatically corrects the factory offset settings now for the different modes .

Basically most issues were related to CW .

Are there any issues related to SSB that anyone is aware of ?

If anyone knows of an issue that Ed did mention as having already been passed on to the factory , PLEASE post ASAP .

It does appear that the next firmware update should resolve ALL KNOWN ISSUES with the X1M PRO.

It is also great to see that front face plates will be available to upgrade the older model to the same firmware level as the PRO .

Now this should be one GREAT rig , with something for everyone !!

Thanks to Ed and Dale .

Charlie , W5COV

On 10/11/2013 11:02 AM, andreas.fuehrmann@... wrote:
>
> Upgraded the firmware which took less than a few minutes.
>
> Went without any problem. My settings in the system menu didn´t
> change. Besides the missing ATT icon there is no change for me.
>
>
> Andy, DC3AFA
>
>

1696. RE: Information on Firmware

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 16:43:29 UTC
From: <lphebus@...>
Topic: 1692 Message: 1696

Thanks Ed, and special thanks to Dale. We do owe him big-time!

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Firmware Updates

The recent firmware update was posted prematurely because it still has some bugs. I have had this firmware for a week or more and it has been tested by a few owners including Dale, W4OP. To Dale's credit, he has really tested it out, using equipment that's above most of our pay-grades, especially mine. All X1M owners owe Dale big-time.

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For those that have used this recent release, here is what problems you will see.
The factory is aware of all these bugs and I'm sure they will correct them if at all possible.

1--- Dot/Dash spacing seems to be OK now. But there is still no Dot/Dash memory.

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So... 6 / (5 x .06) = 20 wpm.

3--- CW Keyer Setting. When radio is turned on, it defaults to 20 wpm. I've told the factory that the radio should remember last CW speed setting and return to that speed when turned on.

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BFO to be set on one of the sidebands, but I know it could be done if we could communicate the concept to the Chinese. For now, it's probably more important to get at least dash memory.

So that's all I know for now. I'm looking for a corrected update in a couple days.

The factory has also said they would furnish an update for the owners of the original X1M radios. With my next shipment, I will get some replacement front panels. If you are the owner of an original X1M and would like to update your front panel to that of the X1M Pro, let me know. It'll give me an idea of how many to order.

Regards,
Ed

www.ImportCommunications.com http://www.importcommunications.com/

1697. Re: [X1M_QRP-Transceiver] RE: Information on Firmware

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 19:53:20 UTC
From: Dale Parfitt
Topic: 1692 Message: 1697

Regarding Item #3. I believe if you set the CW speed in the Menu page then it defaults to that speed. Setting it from the operating (normal) page will not be remembered at turn off. This from memory- maybe someone can check me on this.

Dale W4OP
----- Original Message -----
From: lphebus@yahoo.com
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, October 11, 2013 12:43 PM
Subject: [X1M_QRP-Transceiver] RE: Information on Firmware

Thanks Ed, and special thanks to Dale. We do owe him big-time!

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Firmware Updates

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Regards,
Ed

www.ImportCommunications.com

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1698. Re: [X1M_QRP-Transceiver] RE: Information on Firmware

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-11 23:11:28 UTC
From: Charlie , W5COV
Topic: 1692 Message: 1698

Dale and Group ,

You are correct Dale . The keyer speed must be changed in the menu (MENU ITEM NUMBER 07 KYR SPD :) for it to be stored in non volatile memory . (It will remain at the speed stored in the MENU when powered off and back on)

If just set from the front panel , it will not be stored on power down .

Charlie , W5COV

On 10/11/2013 2:53 PM, Dale Parfitt wrote:
>
> □
>
> Regarding Item #3. I believe if you set the CW speed in the Menu page
> then it defaults to that speed. Setting it from the operating (normal)
> page will not be remembered at turn off. This from memory- maybe
> someone can check me on this.
> Dale W4OP
>
> ----- Original Message -----
> *From:* lphebus@... <mailto:lphebus@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Friday, October 11, 2013 12:43 PM
> *Subject:* [X1M_QRP-Transceiver] RE: Information on Firmware
>
> Thanks Ed, and special thanks to Dale. We do owe him big-time!
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>,
> <x1m_qrp-transceiver@yahoogroups.com
> <mailto:x1m_qrp-transceiver@yahoogroups.com>> wrote:
>
> Firmware Updates
>
> The recent firmware update was posted prematurely because it still
> has some bugs. I have had this firmware for a week or more and it
> has been tested by a few owners including Dale, W4OP. To Dale's
> credit, he has really tested it out, using equipment that's above
> most of our pay-grades, especially mine. All X1M owners owe Dale
> big-time.

>
> For the most part, the firmware fixed several issues. It also
> created a few of its own. The factory is making corrections and I
> expect to have a new update in a day or two. I will go ahead and
> release it when it arrives. I don't believe this next one will
> need beta testing.
>
> For those that have used this recent release, here is what
> problems you will see.
> The factory is aware of all these bugs and I'm sure they will
> correct them if at all possible.
>
>
> 1--- Dot/Dash spacing seems to be OK now. But there is still no
> Dot/Dash memory.
>
> 2--- CW speed shown on display is wrong. It is off by 2x. If 10
> wpm is shown on display, radio is transmitting at 20 wpm. Here is
> explanation:
>
> Theory says that WPM = 6 / (5 x Dot Length)
> With radio set for 10 wpm, the length of 1 dot is 0.06 seconds
> (measured by Dale).
> So... 6 / (5 x .06) = 20 wpm.
>
> 3--- CW Keyer Setting. When radio is turned on, it defaults to
> 20 wpm. I've told the factory that the radio should remember last
> CW speed setting and return to that speed when turned on.
>
> 4--- Number of memory channels. Original was 100 channels. It
> is now 32 for VFO A and 32 for VFO B. Total is now 64. I've
> asked factory to check this.
>
> 5--- CW issue. Here is an excerpt from Dale's email to explain
> what is happening. I have conveyed this to the factory and I hope
> they understand.
>
> quote: There is still an issue- not major- with the way CW is
> handled in the IF. I am no genius on this and have not spent a lot
> of time with it. But here is what I have done. In order to get
> the freq dial to read correctly in CW Mode I have set the CW BFO
> to the same frequency as the IF Offset (menu items 1 and 4). The
> CW Tone then is set to my preference of 500Hz. What setting 1 = to
> 4 does is center the CW signal in the filter bandpass. Everything
> works fine. The downside is that you hear both sides of a CW
> signal- sort of like the direct conversion receivers. This is not
> great on a crowded band, but is tolerable. One has to remember to
> always tune the station in on the low freq side of zerobeat in
> order for you to be on the correct side. If there is another

> solution- I am all ears. I have not given any thought as to how
> the firmware could be changed to allow the CW BFO to be set on one
> of the sidebands, but I know it could be done i f we could
> communicate the concept to the Chinese. For now, it's probably
> more important to get at least dash memory.
>
> So that's all I know for now. I'm looking for a corrected update
> in a couple days.
>
> The factory has also said they would furnish an update for the
> owners of the original X1M radios. With my next shipment, I will
> get some replacement front panels. If you are the owner of an
> original X1M and would like to update your front panel to that of
> the X1M Pro, let me know. It'll give me an idea of how many to order.
>
> Regards,
> Ed
>
> www.ImportCommunications.com <http://www.importcommunications.com/>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date:
> 10/10/13
>
>

1699. RE: CW

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-12 00:11:12 UTC
From: <lphebus@...>
Topic: 1664 Message: 1699

Be aware that the plug, a typical stereo headphone jack, has various voltages applied to it by the X1M. In RX mode, the tip (mic input) is about 0 VDC and the collar (PTT) is somewhat over 5 V. In TX mode, the collar is at ground but the tip is at 5 V to drive the electret mic. So use a capacitor to between your computer soundcard and the mic input. Maybe the soundcard has one on its output, but to be sure before injecting audio into the tip. I don't know how you plan to work the PTT, perhaps a simple button or switch would work. I used this circuit for PSK31 nad other digital modes and it worked well
http://www.g4ilo.com/usblink.html http://www.g4ilo.com/usblink.html

Also,be aware the SSB TX filter inhibits the transmission of audio frequencies below about 8-900 Hz. The same signal at 500 Hz has a much lower output Watts than one at 1000 Hz (0.5 vs 5 Watts!). Using a higher tone frequency (1000 Hz) than common in CW (600-700 Hz) will drive the TX more efficiently.

---In x1m_qrp-transceiver@yahoogroups.com, <msharef@...> wrote:

I can try. I use a computer into the mic input. I'll need to make a jumper from my interface card to my friends X1M that he loaned me. I run fldigi. My hands are bad and I don't use a key that much anymore.

On Fri, Oct 11, 2013 at 11:25 AM, Victor Schensnovich <ua1cex@... mailto:ua1cex@...> wrote:
Hi frieds, is someody here, who works CW on X1M?
Victor, UA1CEX.
--
Sent from my Android phone with mail.com http://mail.com Mail. Please excuse my brevity.

1700. Looking to buy a used x1m

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-13 02:13:12 UTC
From: <droidgsm2013@...>
Topic: 1700 Message: 1700

does anyone have any available

1701. DISPLAY SWAP QUESTION

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-13 03:47:28 UTC
From: Charlie , W5COV
Topic: 1701 Message: 1701

Has anyone ever switched the display / front panel / processor / either way , FROM AN ORIGINAL ROUND BUTTON X1M to an X1M PRO /(PLATINUM) , or from an X1M PRO with the blue buttons and new display
to an ORIGINAL X1M with the round buttons ?

Perhaps someone with a factory contact can get and share some information with us about this.

I would like more information , if anyone has it , or can get it , about the new front panel upgrade the company is going to be offering for the original X1M round button edition . Will it just be the same exact panel as is currently on the PRO , or will it be a special item made just for the original X1M's ?

ANY information would certainly be GREATLY appreciated .

THANK YOU ,

Charlie , W5COV

1702. WELFARE CHECK ON HAMS IN INDIA

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-13 05:54:20 UTC
From: Charlie , W5COV
Topic: 1702 Message: 1702

Is there any word on whether any hams suffered any losses and are their hams on the air ?

I know we have at least one ham member from India on this group , that I believe has an X1M . Perhaps he can fill us in on whether or not he used the X1M to help provide emergency or health and welfare traffic . If he did it would be nice to see a write up on his activities .

Very nice radio to have on hand for such events , given it size and FULL QRP output level of 5 watts .

BTW very nice conditions on 10 meters this weekend , so all classes of USA licenses should have had a great opportunity to work many stations , including DX stations today .

IF the conditions on 10 are still good Sunday afternoon , I will be hanging out around 28.400 MHz. looking for X1M to X1M SSB contacts .

Charlie , W5COV

1703. RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-13 07:24:18 UTC
From: Ian Coots
Topic: 1621 Message: 1703
Attachments: 1 described; binary payloads are missing from this source WARC

Hello,

I connected my USB - TTL unit up to a DB9 today.installed the driver (successfully, according to Windows 7) connected it all up and started HRD then turned my radio on.

I had selected an Icom IC718 as the radio, and all seemed OK until the error message "Cannot find the frequency" appeared.

Has anyone else had this problem? And more importantly, does anyone know of the solution.

I checked the driver with the device supplier and they confirmed I had downloaded the correct one. (there is a later driver on the site, but it is a Beta version only)

Regards,

Ian (VK3YIC)

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
Sent: Thursday, 10 October 2013 12:33 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Here you are. Have fun.

USB TTL -> DB9

Ground -> Pin 5

TX -> Pin 3

RX -> Pin 2

Lee - N9LOUSB TTL -> DB9
Ground ->Pin 5
TX -> Pin 3
RX -> Pin 2USB TTL -> DB9
Ground ->Pin 5
TX -> Pin 3
RX -> Pin 2

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots

Sent: Wednesday, October 09, 2013 12:04 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Hello, my USB to TTL adaptor has arrived, so now I need to connect it to my DB9.

I checked the schematic, and can't find what I need so hopefully someone in the group can assist. The Pins out on the USB converter are identified as...

3V3

TXD

RXD

GND

+5V

Can anyone please tell me which goes to which pin on the DB9?

All help appreciated.

Ian VK3YIC

ausflag

1704. Re: [X1M_QRP-Transceiver] WELFARE CHECK ON HAMS IN INDIA

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-13 09:19:48 UTC
From: Tarunodjojo
Topic: 1702 Message: 1704

Hi Charlie,

Tomorrow is a holiday for me. Please tell me what time in UTC r u planning to be on air on 10M? I will be waiting for u on my X1-M pro version..usually on most mornings my time at about 00:00 UTC, I hear some U.S West Coast stations on 10M n 15M..

Monday morning my time would be about Sunday afternoon US West Coast time..

Hpe to meet u on air..

73, de JOY, YB0NSI.

iPhone is Cool !

> On 13 Okt 2013, at 12.54, "Charlie , W5COV" <cvest@...> wrote:
>
> Is there any word on whether any hams suffered any losses and are their
> hams on the air ?
>
> I know we have at least one ham member from India on this group , that I
> believe has an X1M . Perhaps he can fill us in on whether or not he used
> the X1M to help provide emergency or health and welfare traffic . If he
> did it would be nice to see a write up on his activities .
>
> Very nice radio to have on hand for such events , given it size and FULL
> QRP output level of 5 watts .
>
> BTW very nice conditions on 10 meters this weekend , so all classes of
> USA licenses should have had a great opportunity to work many stations ,
> including DX stations today .
>
> IF the conditions on 10 are still good Sunday afternoon , I will be
> hanging out around 28.400 MHz. looking for X1M to X1M SSB contacts .
>
> Charlie , W5COV
>
>

1705. RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-13 12:29:59 UTC
From: Lee
Topic: 1621 Message: 1705
Attachments: 1 described; binary payloads are missing from this source WARC

Check to see what com port Windows assigned to your USB serial adapter and make sure HRD is set to the same.

Lee - N9LO

Sent from my Windows PC, a real computer.

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots
Sent: Sunday, October 13, 2013 2:24 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Hello,

I connected my USB - TTL unit up to a DB9 today.installed the driver (successfully, according to Windows 7) connected it all up and started HRD then turned my radio on.

I had selected an Icom IC718 as the radio, and all seemed OK until the error message "Cannot find the frequency" appeared.

Has anyone else had this problem? And more importantly, does anyone know of the solution.

I checked the driver with the device supplier and they confirmed I had downloaded the correct one. (there is a later driver on the site, but it is a Beta version only)

Regards,

Ian (VK3YIC)

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
Sent: Thursday, 10 October 2013 12:33 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Here you are. Have fun.

USB TTL -> DB9

Ground -> Pin 5

TX -> Pin 3

RX -> Pin 2

Lee - N9LOUSB TTL -> DB9
Ground ->Pin 5
TX -> Pin 3
RX -> Pin 2USB TTL -> DB9
Ground ->Pin 5
TX -> Pin 3
RX -> Pin 2

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots
Sent: Wednesday, October 09, 2013 12:04 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Hello, my USB to TTL adaptor has arrived, so now I need to connect it to my DB9.

I checked the schematic, and can't find what I need so hopefully someone in the group can assist. The Pins out on the USB converter are identified as...

3V3

TXD

RXD

GND

+5V

Can anyone please tell me which goes to which pin on the DB9?

All help appreciated.

Ian VK3YIC

ausflag

1706. X!M Portable operations

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-13 14:03:33 UTC
From: kd5ttz@bellsouth.net
Topic: 1706 Message: 1706

Good morning group.

I am considering purchasing the X1M unit.
I want to use the unit while I am offshore working.
I have looked at several portable antennas and not really sure on what portable antenna I should purchase, I have no experience with any portable antenna. I have looked at the Buddipole, and the Alexloop.

I will be setting the antenna on the Heliport 50x50 iron plate but my issue is that what ever antenna I use, it will have to be extremely quick to assemble, and disassemble, as helicopters can come at any time usually with a 10 minute notification. So quick removal is a must.

The second issue I have is that it's a steel plate, cannot connect any guy wires anywhere, so it would need to be self supported.

I am looking for any recommendations.

Thanks in advance,
KD5TTZ

1707. RE: [X1M_QRP-Transceiver] X!M Portable operations

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-13 14:56:37 UTC
From: Flavio Pohlmann
Topic: 1706 Message: 1707

If I were you I'd use a magnetic loop antenna.Lightweight, small, multi band, easy to make, high Q and quiet.

73
VE2ZFP Flavio

Ubuntu Studio
Linux is my operating system of choice

To: X1M_QRP-Transceiver@yahoogroups.com
From: kd5ttz@...
Date: Sun, 13 Oct 2013 14:03:33 +0000
Subject: [X1M_QRP-Transceiver] X!M Portable operations

Good morning group.

I am considering purchasing the X1M unit.

I want to use the unit while I am offshore working.

I have looked at several portable antennas and not really sure on what portable antenna I should purchase, I have no experience with any portable antenna. I have looked at the Buddipole, and the Alexloop.

I will be setting the antenna on the Heliport 50x50 iron plate but my issue is that what ever antenna I use, it will have to be extremely quick to assemble, and disassemble, as helicopters can come at any time usually with a 10 minute notification. So quick removal is a must.

The second issue I have is that it's a steel plate, cannot connect any guy wires anywhere, so it would need to be self supported.

I am looking for any recommendations.

Thanks in advance,

KD5TTZ

1708. Re: [X1M_QRP-Transceiver] X!M Portable operations

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-13 16:44:34 UTC
From: Bill Smith
Topic: 1706 Message: 1708

I use a Superantenna MP-1D for my portable ops (40m-2m). Very quick and easy to set up and take down. I like it better than the Buddistick because you can infinitely adjust the coil just by sliding the coil up or down. Super easy to tune that way and no external tuner is really necessary, always low swr. The included mount can be attached to just about anything with a c-clamp (they do include a small one). They also offer an inexpensive small tripod for portable ops. I think in your case, the basic antenna withe the small tripod would be the ticket for your requirements. The two will set you back about $110 US. I've had good results with the antenna. You can check them out at www.newsuperantenna.com

I have no affiliation with this company, just a satisfied user. Good luck and man, talk about the ideal place to set up a station, a steel island on the ocean! Say hello DX!

Bill
KK6WLS
On Oct 13, 2013 7:03 AM, "kd5ttz@..." <kd5ttz@...>
wrote:

> **
>
>
> Good morning group.
>
> I am considering purchasing the X1M unit.
> I want to use the unit while I am offshore working.
> I have looked at several portable antennas and not really sure on what
> portable antenna I should purchase, I have no experience with any portable
> antenna. I have looked at the Buddipole, and the Alexloop.
>
> I will be setting the antenna on the Heliport 50x50 iron plate but my
> issue is that what ever antenna I use, it will have to be extremely quick
> to assemble, and disassemble, as helicopters can come at any time usually
> with a 10 minute notification. So quick removal is a must.
>
> The second issue I have is that it's a steel plate, cannot connect any guy
> wires anywhere, so it would need to be self supported.
>
> I am looking for any recommendations.
>
> Thanks in advance,
> KD5TTZ
>
>
>

1710. Re: X!M Portable operations

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-13 17:44:15 UTC
From: kd5ttz@bellsouth.net
Topic: 1706 Message: 1710

I have looked at the Alexloop and the reviews are good, however I also read that if you tune 5kc's in either direction you must retune the antenna. Seems like it would take more time tuning than actually using the antenna. I do like the compact design, but not the $$$

I don't do much rag chewing, but I do love chasing the DX. So if I have to retune often, it would take away from the enjoyment.

My comments may or may not be true, this is only what I have gathered from watching youtube video's.

If I am incorrect, please set me straight...
Thanks,
KD5TTZ

--- In X1M_QRP-Transceiver@yahoogroups.com, <andreas.fuehrmann@...> wrote:
>
> As told before in another thread I can recommend the AlexLoop or any other portable magloop.
>

1711. RE: Looking to buy a used x1m

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-13 19:30:19 UTC
From: <mike.thayer.km0s@...>
Topic: 1700 Message: 1711

Yes if you want the X1M 1st generation..

$250 + shipping of your choice. Includes power cable & microphone but the red knob filler is gone.

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

does anyone have any available

1712. RE: X!M Portable operations

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-13 19:51:32 UTC
From: <andreas.fuehrmann@...>
Topic: 1706 Message: 1712

This is something all - good - magnetic loops have in common.
Tuning is very sharp and you can hear it quite good by the changing noise level.
So no special thing about the AlexLoop. Price is high, indeed.

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <kd5ttz@...> wrote:

I have looked at the Alexloop and the reviews are good, however I also read that if you tune 5kc's in either direction you must retune the antenna. Seems like it would take more time tuning than actually using the antenna. I do like the compact design, but not the $$$

I don't do much rag chewing, but I do love chasing the DX. So if I have to retune often, it would take away from the enjoyment.

My comments may or may not be true, this is only what I have gathered from watching youtube video's.

If I am incorrect, please set me straight...
Thanks,
KD5TTZ

1713. X1M on 10M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-13 20:31:40 UTC
From: Dale Parfitt
Topic: 1713 Message: 1713

I have been having a ball working the west coast from NC this afternoon. The synthesizer appears to be spot on even up on 10M, and getting good audio reports. Using a German Optibeam at 50'.

Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, October 13, 2013 3:51 PM
Subject: [X1M_QRP-Transceiver] RE: X!M Portable operations

This is something all - good - magnetic loops have in common.

Tuning is very sharp and you can hear it quite good by the changing noise level.

So no special thing about the AlexLoop. Price is high, indeed.

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <kd5ttz@...> wrote:

I have looked at the Alexloop and the reviews are good, however I also read that if you tune 5kc's in either direction you must retune the antenna. Seems like it would take more time tuning than actually using the antenna. I do like the compact design, but not the $$$

I don't do much rag chewing, but I do love chasing the DX. So if I have to retune often, it would take away from the enjoyment.

My comments may or may not be true, this is only what I have gathered from watching youtube video's.

If I am incorrect, please set me straight...
Thanks,
KD5TTZ

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1714. Re: [X1M_QRP-Transceiver] WELFARE CHECK ON HAMS IN INDIA

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-13 21:24:06 UTC
From: Charlie , W5COV
Topic: 1702 Message: 1714

Hi Joy ,

I am on the air most days , somewhere , between 12:00 and 17:00 UTC ,
give or take an hour .

Looking forward to contacts with you on more than one band .

After being a ham 48 years I reset all of my logs to zero earlier this
year , like I was a brand new ham , so I need most people that I work
for one reason or another on any mode on any band .

I went to all electronic logging and the X1M about the same time , so
most contacts reflect what the X1M will do .

73, Charlie , W5COV

On 10/13/2013 4:19 AM, Tarunodjojo wrote:
> Hi Charlie,
>
> Tomorrow is a holiday for me. Please tell me what time in UTC r u
> planning to be on air on 10M? I will be waiting for u on my X1-M pro
> version..usually on most mornings my time at about 00:00 UTC, I hear
> some U.S West Coast stations on 10M n 15M..
>
> Monday morning my time would be about Sunday afternoon US West Coast
> time..
>
> Hpe to meet u on air..
>
> 73, de JOY, YB0NSI.
>
> iPhone is Cool !
>
> On 13 Okt 2013, at 12.54, "Charlie , W5COV" <cvest@...
> <mailto:cvest@...>> wrote:
>
>> Is there any word on whether any hams suffered any losses and are their
>> hams on the air ?
>>
>> I know we have at least one ham member from India on this group , that I
>> believe has an X1M . Perhaps he can fill us in on whether or not he used
>> the X1M to help provide emergency or health and welfare traffic . If he
>> did it would be nice to see a write up on his activities .
>>
>> Very nice radio to have on hand for such events , given it size and FULL
>> QRP output level of 5 watts .

>>
>> BTW very nice conditions on 10 meters this weekend , so all classes of
>> USA licenses should have had a great opportunity to work many stations ,
>> including DX stations today .
>>
>> IF the conditions on 10 are still good Sunday afternoon , I will be
>> hanging out around 28.400 MHz. looking for X1M to X1M SSB contacts .
>>
>> Charlie , W5COV
>>
>

1715. RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-14 03:48:09 UTC
From: Flavio Pohlmann
Topic: 1621 Message: 1715
Attachments: 2 described; binary payloads are missing from this source WARC

Your HRD should look like this.
Make sure DTR and RTS are checked.

Ubuntu Studio
Linux is my operating system of choice

To: X1M_QRP-Transceiver@yahoogroups.com
From: mr.olson@...
Date: Sun, 13 Oct 2013 07:29:59 -0500
Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Check to see what com port Windows assigned to your USB serial adapter and make sure HRD is set to the same.Lee – N9LOSent from my Windows PC, a real computer. From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots
Sent: Sunday, October 13, 2013 2:24 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem Hello, I connected my USB – TTL unit up to a DB9 today…installed the driver (successfully, according to Windows 7) connected it all up and started HRD then turned my radio on.I had selected an Icom IC718 as the radio, and all seemed OK until the error message “Cannot find the frequency” appeared. Has anyone else had this problem? And more importantly, does anyone know of the solution. I checked the driver with the device supplier and they confirmed I had downloaded the correct one. (there is a later driver on the site, but it is a Beta version only) Regards, Ian (VK3YIC) From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
Sent: Thursday, 10 October 2013 12:33 AM
To: X1M_QRP-Transceiver@yahoo
groups.com
Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem Here you are. Have fun. USB TTL -> DB9Ground -> Pin 5TX -> Pin 3RX -> Pin 2 Lee - N9LOUSB TTL -> DB9
Ground ->Pin 5
TX -> Pin 3
RX -> Pin 2USB TTL -> DB9
Ground ->Pin 5
TX -> Pin 3
RX -> Pin 2 From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots
Sent: Wednesday, October 09, 2013 12:04 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem Hello, my USB to TTL adaptor has arrived, so now I need to connect it to my DB9.
I checked the schematic, and can't find what I need so hopefully someone in the group can assist. The Pins out on the USB converter are identified as...3V3TXDRXDGND+5V Can anyone please tell me which goes to which pin on the DB9? All help appreciated.

Ian VK3YIC

1716. RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-14 04:28:08 UTC
From: Ian Coots
Topic: 1621 Message: 1716
Attachments: 2 described; binary payloads are missing from this source WARC

Thank you Flavio.

I have checked them, and that is exactly what I get.the red "X" and the Frequency = 0 except on my laptop it is either COM 9 or COM 4 (I have tried both)

I have just come in from checking I have got the correct pins on the USB device connected to the correct pins on the DB9 and everything checked out OK, so I'm not sure where I go from here.

I have another USB to TTL device (a different one) on order so perhaps I'll wait and try that when it arrives.

Thank you for your advice.

Regards,

Ian (VK3YIC)

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Flavio Pohlmann
Sent: Monday, 14 October 2013 2:48 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Your HRD should look like this.
Make sure DTR and RTS are checked.

<http://gfx2.hotmail.com/mail/w3/ltr/emoticons/film.gif> Ubuntu Studio Linux is my operating system of choice

---

To: X1M_QRP-Transceiver@yahoogroups.com
From: mr.olson@...
Date: Sun, 13 Oct 2013 07:29:59 -0500
Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Check to see what com port Windows assigned to your USB serial adapter and make sure HRD is set to the same.

Lee - N9LO

Sent from my Windows PC, a real computer.

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots
Sent: Sunday, October 13, 2013 2:24 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Hello,

I connected my USB - TTL unit up to a DB9 today.installed the driver (successfully, according to Windows 7) connected it all up and started HRD then turned my radio on.

I had selected an Icom IC718 as the radio, and all seemed OK until the error message "Cannot find the frequency" appeared.

Has anyone else had this problem? And more importantly, does anyone know of the solution.

I checked the driver with the device supplier and they confirmed I had downloaded the correct one. (there is a later driver on the site, but it is a Beta version only)

Regards,

Ian (VK3YIC)

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
Sent: Thursday, 10 October 2013 12:33 AM
To: X1M_QRP-Transceiver@yahoo groups.com
<mailto:X1M_QRP-Transceiver@yahoogroups.com>
Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Here you are. Have fun.

USB TTL -> DB9

Ground -> Pin 5

TX -> Pin 3

RX -> Pin 2

Lee - N9LOUSB TTL -> DB9
Ground ->Pin 5
TX -> Pin 3
RX -> Pin 2USB TTL -> DB9
Ground ->Pin 5
TX -> Pin 3
RX -> Pin 2

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots

Sent: Wednesday, October 09, 2013 12:04 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Hello, my USB to TTL adaptor has arrived, so now I need to connect it to my DB9.

I checked the schematic, and can't find what I need so hopefully someone in the group can assist. The Pins out on the USB converter are identified as...

3V3

TXD

RXD

GND

+5V

Can anyone please tell me which goes to which pin on the DB9?

All help appreciated.

Ian VK3YIC

ausflag <http://image001.gif@01CEC7E6.05C5FCF0>

1717. RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-14 11:41:44 UTC
From: <andreas.fuehrmann@...>
Topic: 1535 Message: 1717

Hello Dale,

any news on your AGC project?
Maybe you can show some pictures...

Andy, DC3AFA

1718. RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-14 12:24:32 UTC
From: Lee
Topic: 1621 Message: 1718
Attachments: 2 described; binary payloads are missing from this source WARC

What port is your USB to TTL device assigned? You need to use that port
in HRD.

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots
Sent: Sunday, October 13, 2013 11:28 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Thank you Flavio.

I have checked them, and that is exactly what I get.the red "X" and the
Frequency = 0 except on my laptop it is either COM 9 or COM 4 (I have
tried both)

I have just come in from checking I have got the correct pins on the USB
device connected to the correct pins on the DB9 and everything checked out
OK, so I'm not sure where I go from here.

I have another USB to TTL device (a different one) on order so perhaps I'll
wait and try that when it arrives.

Thank you for your advice.

Regards,

Ian (VK3YIC)

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Flavio Pohlmann
Sent: Monday, 14 October 2013 2:48 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Your HRD should look like this.
Make sure DTR and RTS are checked.

<http://gfx2.hotmail.com/mail/w3/ltr/emoticons/film.gif> Ubuntu Studio
Linux is my operating system of choice

To: X1M_QRP-Transceiver@yahoogroups.com
From: mr.olson@...
Date: Sun, 13 Oct 2013 07:29:59 -0500

Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Check to see what com port Windows assigned to your USB serial adapter and make sure HRD is set to the same.

Lee - N9LO

Sent from my Windows PC, a real computer.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots
Sent: Sunday, October 13, 2013 2:24 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Hello,

I connected my USB - TTL unit up to a DB9 today.installed the driver (successfully, according to Windows 7) connected it all up and started HRD then turned my radio on.

I had selected an Icom IC718 as the radio, and all seemed OK until the error message "Cannot find the frequency" appeared.

Has anyone else had this problem? And more importantly, does anyone know of the solution.

I checked the driver with the device supplier and they confirmed I had downloaded the correct one. (there is a later driver on the site, but it is a Beta version only)

Regards,

Ian (VK3YIC)

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
Sent: Thursday, 10 October 2013 12:33 AM
To: X1M_QRP-Transceiver@yahoo groups.com <mailto:X1M_QRP-Transceiver@yahoogroups.com>
Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Here you are. Have fun.

USB TTL -> DB9

Ground -> Pin 5

TX -> Pin 3

RX -> Pin 2

Lee - N9LOUSB TTL -> DB9
Ground ->Pin 5
TX -> Pin 3
RX -> Pin 2USB TTL -> DB9
Ground ->Pin 5
TX -> Pin 3
RX -> Pin 2

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots
Sent: Wednesday, October 09, 2013 12:04 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Hello, my USB to TTL adaptor has arrived, so now I need to connect it to my DB9.

I checked the schematic, and can't find what I need so hopefully someone in the group can assist. The Pins out on the USB converter are identified as...

3V3

TXD

RXD

GND

+5V

Can anyone please tell me which goes to which pin on the DB9?

All help appreciated.

Ian VK3YIC

ausflag <http://image001.gif@01CEC7E6.05C5FCF0>

1719. Re: [X1M_QRP-Transceiver] RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-14 13:02:16 UTC
From: Dale Parfitt
Topic: 1535 Message: 1719

I'll take a photo of the prototype board. I am flooded with military/aerospace work and have made no more progress since posting the schematic. My apologies.
I use it daily and keep testing. Being audio derived, it will never be as good as RF derived AGC. Still, the output varies less than 7dB now with a 40dB change in input.
Dale W4OP
----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@...m
Sent: Monday, October 14, 2013 7:41 AM
Subject: [X1M_QRP-Transceiver] RE: X1M AGC

Hello Dale,

any news on your AGC project?
Maybe you can show some pictures...

Andy, DC3AFA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1720. RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-14 13:45:43 UTC
From: Flavio Pohlmann
Topic: 1621 Message: 1720

Hi Ian,

I got that "X" only because I did not have the X1M connected to the cable.
I did that only to capture the connection window in order to post the image here.
If I had the X1M connected I wouldn't be able to see it since it connects
right away and you wouldnt see it's parameters. I use too a homemade
cable using an USB to ttl adapter in a virtual machine which is a Windows 7 guest Inside
Ubuntu and it works great. The same cable works on my Linux netbook without any driver, no
driver is needed actually.
For Linux users, it works with hamlib, Fldigi and KLog. Thats what I use
When I'm portable.
Yes, you've got to use the serial port your USB-ttl adapter has assigned for you, I think
Lee has said that already.

73

Flavio

--- Original Message ---

From: "Lee" <mr.olson@...>
Sent: 14 October, 2013 8:23 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

What port is your USB to TTL device assigned? You need to use that port
in HRD.

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots
Sent: Sunday, October 13, 2013 11:28 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Thank you Flavio.

I have checked them, and that is exactly what I get.the red "X" and the
Frequency = 0 except on my laptop it is either COM 9 or COM 4 (I have
tried both)

I have just come in from checking I have got the correct pins on the USB
device connected to the correct pins on the DB9 and everything checked out
OK, so I'm not sure where I go from here.

I have another USB to TTL device (a different one) on order so perhaps I'll
wait and try that when it arrives.

Thank you for your advice.

Regards,

Ian (VK3YIC)

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Flavio Pohlmann
Sent: Monday, 14 October 2013 2:48 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Your HRD should look like this.
Make sure DTR and RTS are checked.

<http://gfx2.hotmail.com/mail/w3/ltr/emoticons/film.gif> Ubuntu Studio
Linux is my operating system of choice

_____

To: X1M_QRP-Transceiver@yahoogroups.com
From: mr.olson@...
Date: Sun, 13 Oct 2013 07:29:59 -0500
Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Check to see what com port Windows assigned to your USB serial adapter and
make sure HRD is set to the same.

Lee - N9LO

Sent from my Windows PC, a real computer.

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots
Sent: Sunday, October 13, 2013 2:24 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Hello,

I connected my USB - TTL unit up to a DB9 today.installed the driver
(successfully, according to Windows 7) connected it all up and started HRD
then turned my radio on.

I had selected an Icom IC718 as the radio, and all seemed OK until the error
message "Cannot find the frequency" appeared.

Has anyone else had this problem? And more importantly, does anyone know of
the solution.

I checked the driver with the device supplier and they confirmed I had
downloaded the correct one. (there is a later driver on the site, but it is
a Beta version only)

Regards,

Ian (VK3YIC)

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
Sent: Thursday, 10 October 2013 12:33 AM
To: X1M_QRP-Transceiver@yahoo groups.com
<mailto:X1M_QRP-Transceiver@yahoogroups.com>
Subject: RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Here you are. Have fun.

USB TTL -> DB9

Ground -> Pin 5

TX -> Pin 3

RX -> Pin 2

Lee - N9LOUSB TTL -> DB9
Ground ->Pin 5
TX -> Pin 3
RX -> Pin 2USB TTL -> DB9
Ground ->Pin 5
TX -> Pin 3
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From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots
Sent: Wednesday, October 09, 2013 12:04 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Hello, my USB to TTL adaptor has arrived, so now I need to connect it to my
DB9.

I checked the schematic, and can't find what I need so hopefully someone in
the group can assist. The Pins out on the USB converter are identified as...

3V3

TXD

RXD

GND

+5V

Can anyone please tell me which goes to which pin on the DB9?

All help appreciated.

Ian VK3YIC

ausflag <http://image001.gif@01CEC7E6.05C5FCF0>

1721. RE: Re: [X1M_QRP-Transceiver] RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-14 13:49:02 UTC
From: <andreas.fuehrmann@...>
Topic: 1535 Message: 1721

No Problem with that, Dale!
Take your time. You are doing a lot for our community.

Andy, DC3AFA

1722. X1M CH to VFO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-14 20:35:36 UTC
From: <parinc1@...>
Topic: 1722 Message: 1722

Is it possible to dump the contents of a Channel into VFO so that one can tune around +/- of the stored memory. i.e. M>V? If not, maybe we could do away with the MUT function and have this available?

Lots of DX on 10M today. the 4W out seems to do just fine.

Dale W4OP

1723. RE: [X1M_QRP-Transceiver] RE: RE: New User with HRD problem

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-14 22:08:07 UTC
From: Ian Coots
Topic: 1621 Message: 1723
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks Lee,

I have 2 options on my Laptop. COM 5 and COM 9

I can see which one I'm using by watching it connect in the device manager.

I have tried both, setting HRD to the relevant one bur still get the same.

I have a new (different) USB-TTL device that I picked up from the PO Box yesterday, so I'll try that today

Thank you all for your advice.I'm sure I'll get there in the end.

Regards,

Ian (VK3YIC)

ausflag

1724. RE: X1M CH to VFO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-15 00:59:38 UTC
From: <pezcat19@...>
Topic: 1722 Message: 1724

Hi Dale,

I have not been able to find a way to do this (M>V), and I agree it would be very nice to have. Perhaps do away with ATT, and not MUT? I usually have MUT active, because I don't like the start-up beeps. :)

I have been using mine on 10M also, and I find it great. I get a little under 4W out on 10M, but that's ok with me.

Cheers,

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Is it possible to dump the contents of a Channel into VFO so that one can tune around +/- of the stored memory. i.e. M>V? If not, maybe we could do away with the MUT function and have this available?

Lots of DX on 10M today. the 4W out seems to do just fine.

Dale W4OP

1725. RE: X1M CH to VFO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-15 01:04:28 UTC
From: <pezcat19@...>
Topic: 1722 Message: 1725

Hi again Dale,

I see the latest firmware has removed the ATT - please ignore my previous suggestion! :)

Thanks for the great work you are doing here Dale!

73

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <pezcat19@...> wrote:

Hi Dale,

I have not been able to find a way to do this (M>V), and I agree it would be very nice to have. Perhaps do away with ATT, and not MUT? I usually have MUT active, because I don't like the start-up beeps. :)

I have been using mine on 10M also, and I find it great. I get a little under 4W out on 10M, but that's ok with me.

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Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Is it possible to dump the contents of a Channel into VFO so that one can tune around +/- of the stored memory. i.e. M>V? If not, maybe we could do away with the MUT function and have this available?

Lots of DX on 10M today. the 4W out seems to do just fine.

Dale W4OP

1726. Re: [X1M_QRP-Transceiver] RE: X1M CH to VFO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-15 01:07:37 UTC
From: Dale Parfitt
Topic: 1722 Message: 1726

Thanks Perrin,

ATT is already gone- taken place by the keyer speed icon in the new firmware.
Dale W4OP
73
----- Original Message -----
From: pezcat19@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 14, 2013 8:59 PM
Subject: [X1M_QRP-Transceiver] RE: X1M CH to VFO

Hi Dale,

I have not been able to find a way to do this (M>V), and I agree it would be very nice to have. Perhaps do away with ATT, and not MUT? I usually have MUT active, because I don't like the start-up beeps. :)

I have been using mine on 10M also, and I find it great. I get a little under 4W out on 10M, but that's ok with me.

Cheers,

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Is it possible to dump the contents of a Channel into VFO so that one can tune around +/- of the stored memory. i.e. M>V? If not, maybe we could do away with the MUT function and have this available?

Lots of DX on 10M today. the 4W out seems to do just fine.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1727. New Firmware Update 10-15-2013

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-15 23:28:38 UTC
From: <ed@...>
Topic: 1727 Message: 1727

I have posted the latest firmware update to the Files section. Changes include (1) English used in the interface (2) Corrects some CW issue.

Regards,
Ed
www.ImportCommunications.com

1728. New Front Display for original X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-15 23:54:32 UTC
From: <ed@...>
Topic: 1728 Message: 1728

I have ordered some replacement display panels for the original X1M radios (radios with the round red buttons). These replacement panels are exactly like the panel used on the X1M-Pro.

The factory is working on a firmware update for the original radios that will bring them up to the Pro version. Until I have this in hand, I can't guarantee anything but the factory leads me to believe it will make the two radios the same. Of course using this firmware will probably REQUIRE the addition of the Pro-style display panel.

The replacement display panel will probably cost $55-60 shipped. These will arrive in mid November. I will begin taking pre-orders next week.

Regards,
Ed
www.ImportCommunications.com

1729. Re: [X1M_QRP-Transceiver] New Front Display for original X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-16 00:37:31 UTC
From: Keith Heimbold
Topic: 1728 Message: 1729

Hi Ed,

Thanks for the update.

I will be placing my order shortly.

73,

Keith
AK6ZZ

Sent from my iPhone please excuse typos

> On Oct 15, 2013, at 4:54 PM, ed@wouxun.us wrote:
>
> I have ordered some replacement display panels for the original X1M radios (radios with the round red buttons). These replacement panels are exactly like the panel used on the X1M-Pro.
>
> The factory is working on a firmware update for the original radios that will bring them up to the Pro version. Until I have this in hand, I can't guarantee anything but the factory leads me to believe it will make the two radios the same. Of course using this firmware will probably REQUIRE the addition of the Pro-style display panel.
>
> The replacement display panel will probably cost $55-60 shipped. These will arrive in mid November. I will begin taking pre-orders next week.
>
> Regards,
> Ed
> www.ImportCommunications.com
>
>

1730. Re: [X1M_QRP-Transceiver] New Firmware Update 10-15-2013

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-16 02:32:00 UTC
From: Charlie , W5COV
Topic: 1727 Message: 1730

ALL of you CW guys need to do this update ASAP and let us know your impression of how all of its new features work for you . I am still testing other things on a dummy load , but the CW functions that I have tested so far work quite well now . Will be looking for some contacts depending on band conditions . Do the update and put it on the air !!!

Charlie , W5COV

On 10/15/2013 6:28 PM, ed@... wrote:
>
> I have posted the latest firmware update to the Files section.
> Changes include (1) English used in the interface (2) Corrects some CW
> issue.
>
> Regards,
> Ed
> www.ImportCommunications.com
>
>

1731. Re: [X1M_QRP-Transceiver] New Firmware Update 10-15-2013

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-16 02:54:44 UTC
From: Dale Parfitt
Topic: 1727 Message: 1731

Following up on Charlie's positive post- I have completely redone the AGC and have what I believe, after one evening's testing, is a considerably better circuit.
I am hoping to get the board laid out this weekend.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 15, 2013 10:32 PM
Subject: Re: [X1M_QRP-Transceiver] New Firmware Update 10-15-2013

ALL of you CW guys need to do this update ASAP and let us know your impression of how all of its new features work for you . I am still testing other things on a dummy load , but the CW functions that I have tested so far work quite well now . Will be looking for some contacts depending on band conditions . Do the update and put it on the air !!!

Charlie , W5COV

On 10/15/2013 6:28 PM, ed@... wrote:

I have posted the latest firmware update to the Files section. Changes include (1) English used in the interface (2) Corrects some CW issue.

Regards,
Ed
www.ImportCommunications.com

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1732. RE: New Firmware Update 10-15-2013

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-16 05:41:29 UTC
From: <andreas.fuehrmann@...>
Topic: 1727 Message: 1732

Update worked fine for me. Just for comparison, can any of the CWers here post his offset setting

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Following up on Charlie's positive post- I have completely redone the AGC and have what I believe, after one evening's testing, is a considerably better circuit.
I am hoping to get the board laid out this weekend.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV mailto:cvest@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 15, 2013 10:32 PM
Subject: Re: [X1M_QRP-Transceiver] New Firmware Update 10-15-2013

ALL of you CW guys need to do this update ASAP and let us know your impression of how all of its new features work for you . I am still testing other things on a dummy load , but the CW functions that I have tested so far work quite well now . Will be looking for some contacts depending on band conditions . Do the update and put it on the air !!!

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Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1734. RE: New Firmware Update 10-15-2013

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-16 07:26:30 UTC
From: <jmt780@...>
Topic: 1727 Message: 1734

Hi Charlie & Dale, Thanks for your posts.

I read the "Step by Step firmware upgrade" document and am wondering about the hardware hook-up to the X1M that is needed and how you made the interface. A schematic would be great.

Can I use something like the "Plugable USB to RS-232 DB9 Serial Adapter (Prolific PL2303HX Rev D Chipset)" sold by Amazon which would plug directly into the X1M and I believe has TTL levels since it is powered off the USB.

If so, do I just load up the exe file and it finds the correct port so I can then set the baud rate?

Thank-you!
John W6SB

---In x1m_qrp-transceiver@yahoogroups.com, <andreas.fuehrmann@...> wrote:

Update worked fine for me. Just for comparison, can any of the CWers here post his offset setting

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

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Dale W4OP
----- Original Message -----
From: Charlie , W5COV mailto:cvest@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 15, 2013 10:32 PM
Subject: Re: [X1M_QRP-Transceiver] New Firmware Update 10-15-2013

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Regards,
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www.ImportCommunications.com http://www.ImportCommunications.com

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Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1735. RE: New Firmware Update 10-15-2013

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-16 12:17:12 UTC
From: <pezcat19@...>
Topic: 1727 Message: 1735

Thanks for the new update Ed!

The firmware loaded successfully on my X1M-Pro. I have not tested the rig thoroughly as yet, however so far it looks good!

Cheers,

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <jmt780@...> wrote:

Hi Charlie & Dale, Thanks for your posts.

I read the "Step by Step firmware upgrade" document and am wondering about the hardware hook-up to the X1M that is needed and how you made the interface. A schematic would be great.

Can I use something like the "Plugable USB to RS-232 DB9 Serial Adapter (Prolific PL2303HX Rev D Chipset)" sold by Amazon which would plug directly into the X1M and I believe has TTL levels since it is powered off the USB.

If so, do I just load up the exe file and it finds the correct port so I can then set the baud rate?

Thank-you!
John W6SB

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Update worked fine for me. Just for comparison, can any of the CWers here post his offset setting

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☐ Following up on Charlie's positive post- I have completely redone the AGC and have what I believe, after one evening's testing, is a considerably better circuit.
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To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 15, 2013 10:32 PM
Subject: Re: [X1M_QRP-Transceiver] New Firmware Update 10-15-2013

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1736. RE: [X1M_QRP-Transceiver] RE: New Firmware Update 10-15-2013

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-16 12:27:57 UTC
From: Lee
Topic: 1727 Message: 1736

If it does not say TTL then it is not. Some of us have picked up a USB to TTL adapter on eBay like this one for $2.53 and soldered on our own DB9 connector. Search eBay for 271211061815

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of jmt780@...
Sent: Wednesday, October 16, 2013 2:27 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: New Firmware Update 10-15-2013

Hi Charlie & Dale, Thanks for your posts.

I read the "Step by Step firmware upgrade" document and am wondering about the hardware hook-up to the X1M that is needed and how you made the interface. A schematic would be great.

Can I use something like the "Plugable USB to RS-232 DB9 Serial Adapter (Prolific PL2303HX Rev D Chipset)" sold by Amazon which would plug directly into the X1M and I believe has TTL levels since it is powered off the USB.

If so, do I just load up the exe file and it finds the correct port so I can then set the baud rate?

Thank-you!

John W6SB

---In x1m_qrp-transceiver@yahoogroups.com, <andreas.fuehrmann@...> wrote:

Update worked fine for me. Just for comparison, can any of the CWers here post his offset setting

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Following up on Charlie's positive post- I have completely redone the AGC and have what I believe, after one evening's testing, is a considerably better circuit.

I am hoping to get the board laid out this weekend.

Dale W4OP

----- Original Message -----

From: Charlie , W5COV <mailto:cvest@...>

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Tuesday, October 15, 2013 10:32 PM

Subject: Re: [X1M_QRP-Transceiver] New Firmware Update 10-15-2013

ALL of you CW guys need to do this update ASAP and let us know your impression of how all of its new features work for you . I am still testing other things on a dummy load , but the CW functions that I have tested so far work quite well now . Will be looking for some contacts depending on band conditions . Do the update and put it on the air !!!

Charlie , W5COV

On 10/15/2013 6:28 PM, ed@... wrote:

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www.ImportCommunications.com

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1737. RE: [X1M_QRP-Transceiver] New Firmware Update 10-15-2013

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-16 14:51:12 UTC
From: Fred VE3FAL
Topic: 1727 Message: 1737

Thanks Ed.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ed@...
Sent: October 15, 2013 7:29 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] New Firmware Update 10-15-2013

I have posted the latest firmware update to the Files section. Changes include (1) English used in the interface (2) Corrects some CW issue.

Regards,
Ed
www.ImportCommunications.com

1738. RE: New Front Display for original X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-16 15:31:56 UTC
From: <orders@...>
Topic: 1728 Message: 1738

Hot diggly! Thats fantastic! Thanks for the updated Ed.

-Chris

---In x1m_qrp-transceiver@yahoogroups.com, <ag6az@...> wrote:

Hi Ed,

Thanks for the update.

I will be placing my order shortly.

73,

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Oct 15, 2013, at 4:54 PM, ed@... mailto:ed@... wrote:

I have ordered some replacement display panels for the original X1M radios (radios with the round red buttons). These replacement panels are exactly like the panel used on the X1M-Pro.

The factory is working on a firmware update for the original radios that will bring them up to the Pro version. Until I have this in hand, I can't guarantee anything but the factory leads me to believe it will make the two radios the same. Of course using this firmware will probably REQUIRE the addition of the Pro-style display panel.

The replacement display panel will probably cost $55-60 shipped. These will arrive in mid November. I will begin taking pre-orders next week.

Regards,
Ed
www.ImportCommunications.com http://www.ImportCommunications.com

1739. RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-16 15:34:58 UTC
From: <orders@...>
Topic: 1193 Message: 1739

Glad to see some others are making progress on this. I myself havne't had time to board my chip and do any testing yet. I've been out of town and therefore out of ham playing rnage for a while. I just got back in so hopefully this will be on the top of the play pile soon enough. I first have to resolder my mic connection so I can actually do anything. Now to find my soldering iron after that move....

-Chris

---In x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> wrote:

It’s nice to see we have a 3rd person working on the SMM2167 compressor chip. I made a folder in the photo section called “SSM2167 Audio Compressor IC” open to the group and if you are working on one please feel free to put your pictures in there. I have put 2 in so far. It may help the photo section from getting cluttered

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of lphebus@...
Sent: Saturday, October 05, 2013 7:58 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

I've bread boarded and tested an audio compressor circuit. Pictures are in the "Photos" section. Compression is adjustable from 1:1 to 6.25:1 which seems like plenty to me. It really helps the audio "punch" of the X1M. My plan is to put the circuit in the microphone case with a couple AAA batteries for power. I thought I would use a design like this http://www.qrpkits.com/microphone.html http://www.qrpkits.com/microphone.html . I tried to power it from the +5 volts the socket provides for the electret microphone, but the compressor current draw, although small (<3mA), loaded the 5V down to about 1.7 V. I am surprised by this. The AAA batteries should last a long time however. There are two potentiometers (blue) in the bread boarded circuit. The left is the compression level (Rcomp) and the right is the attenuator adjustment. The output of the compressor chip is a bit too high to feed directly into the X1M.

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <cvest@... mailto:cvest@...> wrote:
LOL Maybe that is why I am an old bachelor . My two dogs don't seem to complain at all and I am a true night person so I am not normally even on the net this early in the morning .

I work DX , various digital modes , the part 15 bands , and I am working on a new part 5 license , where the bands are night time bands , plus I have always enjoyed the peace and quiet of the wee morning hours .

If the bands aren't open I ALWAYS have at least one project on the bench that I am building and usually several at the same time .

However since I went to computer logging , I have gone back to using headsets , so my hands are pretty much free to type when I am on phone . One day I may need to add VOX to the X1M . Right now I have a momentary push button in a film can type plastic container to activate the PTT , until I decide what I want to put in a mic interface box for this little gem or see if I can possibly work with smaller SMT devices and squeeze something inside of it. I can go smaller but 1206 are the smallest I am really at ease with and they are fast disappearing from the market .

Charlie , W5COV

On 9/22/2013 10:36 AM, M_AND_R_SHAREF wrote:

I use to do all my operating late at night. CW and head phones are the way to go if you want to stay married. HI 73
On Sat, Sep 21, 2013 at 12:47 AM, Charlie , W5COV <cvest@... mailto:cvest@...> wrote:

Any new or updated information on how this project is coming along ?

Inquiring minds want to know :)

Charlie , W5COV

On 9/4/2013 12:49 PM, orders@... mailto:orders@... wrote:

I bit the bullet and ordered a ssm2167 on a breakout board from them. I decided against soiling my playing with bad soldering fruseration for the moment and instead will forgo the extra coffee one day. I'm thinking and inline version would be the most useful to start out -- plug the mic into the inline box and then have a tail from the board into the rig. There isn't any room in the rig to stick it easily and putting it directly into the mic would limit it to one circuit per mic... also not flexible. The other option is a larger block in the middle of the mic cable but that seems the wrong way.

Anyone have any thoughts on a performed form factor for it?
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <orders@...> mailto:orders@... wrote:
BTW digikey part number for the SSM2167 is SSM2167-1RMZ-REELCT-ND
http://www.digikey.com/product-detail/en/SSM2167-1RMZ-REEL/SSM2167-1RMZ-REELCT-ND/1628139

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> mailto:mr.olson@... wrote:
Oops, my mistake.Â I bought mine from a different seller 190593669424Â Must be old timers disease kicking in again.

Lee â€“ N9LO

From: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Bill Maxwell
Sent: Tuesday, September 03, 2013 12:19 AM
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Didn't see the chips in that seller's store, Lee. Can you give us the item number for them, please.

Bill, VK7MX
On 3/09/2013 4:14 AM, Lee wrote:

I ordered 2 of the chips on eBay, just in case I kill one, and some chip adapter boards from the same seller. Put item number 181138215223 in the search box to see then.

From: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, September 02, 2013 11:54 AM
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

The more and more I look at this the more and more I want to play with little chip but it is in a tiny tiny MSOP package. And my soldering skills/hand steadiness is NO WHERE near close enough to jump right in. Anyone have a great easy way to put an MSOP chip onto a breadboard or anything like that? I've seen some 'easy' convertors for SMD chips but none for MSOP -- and I guess I haven't looked to see if they would work. Anyway -- if anyone has any great suggestions I'd appreciate it!

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <orders@... mailto:orders@...> wrote:
Thank Ken! Yup I'm thinking with 5 w I'm going to want the most talk power for the punch of my voice. Although I haven't done the math to see the difference between 0.5w and 5w. if my db brain remembers it probably isn't that much ! much like the difference between 5w and 100w ;) But I suspect it is bigger if I compare 0.5 w to 100w ;) And the goal is to get it as compressed and gained right to point before degrading! And we will see where that lands me! And to top that off the neighbor in the new apartment is really sensitive to me talking at night -- she has come twice at 1am to ask me to keep it down while conversing with a friend at lower than normal voices already. So the more punch I can get out of the mic at lower levels the more I can work in the nighhhhhhht!

And thanks for the thumbs up I'm loving the trip!
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <krtdowns@... mailto:krtdowns@...> wrote:
Great attitude, Chris! I'm not familiar with that IC, but it sounds as though it has the functions you are seeking. Reasonable compression will add substantially to your "talk power." Like most things, it can be overdone and degrade your signal. Sounds as though you are tackling the learning opportunities this little rig offers with zest and enthusiasm. Have fun and enjoy the trip!
Ken, W1KRT

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <orders@... mailto:orders@...> wrote:
Man oh Man! Am I loving this little rig! Not because it is perfect and a great value out of

the box but for the exact reason I bit the bullet and bought it before it was all polished: Great learning rig! Every time some limit or question is hit I have a reason to go digging and exploring around in the bits that make radios tick. I'll be happy to get my fully functioning rig to actual work on the air but this is a little gem in my eyes for crackin' open the door to learning about radios!

Anyway, my newest exploration is around the audio and SSB and this little fellar. From what Ed has walked me through I'm beating down the path that the radio WILL transmit 5w PEP on SSB .. the mic, gain, compression, preamp, etc are the limiting factor to making this usable out of the box. I'm currently playing down the path that the gain adjustment in the rig will be sufficient if I can compress the audio so more of it is towards the 5W 'section'. During my dive into this sort of theory I can across this little gem of a chip: http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html

Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

I've got plenty more to do to see if this theory will be valid in the x1m and how it all fits together but I'm loving this rig just for giving me framework to explore and ask about this things. Before this little fella and my trying to test if the SSB output was 'good' and if I needed to send it back everything was just words and now its all tying together. Having a ball!

Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

-Chris
KC8MUS

1740. RE: X1M CH to VFO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-16 15:38:06 UTC
From: <sambasamba2@...>
Topic: 1722 Message: 1740

I forwarded this request to the factory.
73
Volkmar, DF2SS, WiMo Germany

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Thanks Perrin,

ATT is already gone- taken place by the keyer speed icon in the new firmware.
Dale W4OP
73
----- Original Message -----
From: pezcat19@... mailto:pezcat19@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 14, 2013 8:59 PM
Subject: [X1M_QRP-Transceiver] RE: X1M CH to VFO

Hi Dale,

I have not been able to find a way to do this (M>V), and I agree it would be very nice to have. Perhaps do away with ATT, and not MUT? I usually have MUT active, because I don't like the start-up beeps. :)

I have been using mine on 10M also, and I find it great. I get a little under 4W out on 10M, but that's ok with me.

Cheers,

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Is it possible to dump the contents of a Channel into VFO so that one can tune around +/- of the stored memory. i.e. M>V? If not, maybe we could do away with the MUT function and have this available?

Lots of DX on 10M today. the 4W out seems to do just fine.

Dale W4OP

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Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1741. RE: X1M CH to VFO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-16 15:43:29 UTC
From: <sambasamba2@...>
Topic: 1722 Message: 1741

I forwarded this request to the factory.
73
Volkmar, DF2SS, WiMo Germany

---In x1m_qrp-transceiver@yahoogroups.com, <sambasamba2@...> wrote:

I forwarded this request to the factory.
73
Volkmar, DF2SS, WiMo Germany

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Thanks Perrin,

ATT is already gone- taken place by the keyer speed icon in the new firmware.
Dale W4OP
73
----- Original Message -----
From: pezcat19@... mailto:pezcat19@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 14, 2013 8:59 PM
Subject: [X1M_QRP-Transceiver] RE: X1M CH to VFO

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Cheers,

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

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Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1742. Re: [X1M_QRP-Transceiver] RE: X1M CH to VFO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-16 15:55:31 UTC
From: Dale Parfitt
Topic: 1722 Message: 1742

Great Volkmar- that should be an easy fix- just need to find a place on the command line to put the function.

Dale W4OP
----- Original Message -----
From: sambasamba2@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 16, 2013 11:38 AM
Subject: [X1M_QRP-Transceiver] RE: X1M CH to VFO

I forwarded this request to the factory.

73

Volkmar, DF2SS, WiMo Germany

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐

Thanks Perrin,

ATT is already gone- taken place by the keyer speed icon in the new firmware.
Dale W4OP
73
----- Original Message -----
From: pezcat19@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 14, 2013 8:59 PM
Subject: [X1M_QRP-Transceiver] RE: X1M CH to VFO

Hi Dale,

I have not been able to find a way to do this (M>V), and I agree it would be very nice to have. Perhaps do away with ATT, and not MUT? I usually have MUT active, because I don't like the start-up beeps. :)

I have been using mine on 10M also, and I find it great. I get a little under 4W out on 10M, but that's ok with me.

Cheers,

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Is it possible to dump the contents of a Channel into VFO so that one can tune around +/- of the stored memory. i.e. M>V? If not, maybe we could do away with the MUT function and have this available?

Lots of DX on 10M today. the 4W out seems to do just fine.

Dale W4OP
No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1743. Re: [X1M_QRP-Transceiver] RE: New Firmware Update 10-15-2013

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-16 17:36:45 UTC
From: Charlie , W5COV
Topic: 1727 Message: 1743

Hi John ,

I listed the items that I used in the step by step text guide that I wrote . I was lazy and am building some other projects , plus I am very close to legally blind in one eye and have hand tremors , so I try to avoid doing as much SMD work as I can . (Lee is GREAT at it) .So I did not build my TTL adapter .

I just got my Xiegu TTL adapter from Ed , the short interface cable that was designed for the radio . So I am using that and I have one particular Prolific Chip set that does USB to DB-9 conversion cable that I have always been able to depend on working . I have a couple of other brand ???? from eBay that may or may not work with the right drivers , usually not , so I leave my favorite , reliable one , hooked to my shack computer , running WIN XP Professional and have never had a problem burning the updates .

I can draw a sketch of the cable hookups , but you MUST have some type of TTL adapter between the USB port and the radio !!

Charlie

On 10/16/2013 2:26 AM, jmt780@... wrote:
>
> Hi Charlie & Dale, Thanks for your posts.
>
> I read the "Step by Step firmware upgrade" document and am wondering
> about the hardware hook-up to the X1M that is needed and how you made
> the interface. A schematic would be great.
>
> Can I use something like the"Plugable USB to RS-232 DB9 Serial Adapter
> (Prolific PL2303HX Rev D Chipset)" sold by Amazon which would plug
> directly into the X1M and I believe has TTL levels since it is powered
> off the USB.
>
> If so, do I just load up the exe file and it finds the correct port so
> I can then set the baud rate?
>
> Thank-you!
>
> John W6SB
>
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <andreas.fuehrmann@...> wrote:

>
> Update worked fine for me. Just for comparison, can any of the CWers
> here post his offset setting
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:
>
> □
> Following up on Charlie's positive post- I have completely redone the
> AGC and have what I believe, after one evening's testing, is a
> considerably better circuit.
> I am hoping to get the board laid out this weekend.
> Dale W4OP
>
> ----- Original Message -----
> *From:* Charlie , W5COV <mailto:cvest@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Tuesday, October 15, 2013 10:32 PM
> *Subject:* Re: [X1M_QRP-Transceiver] New Firmware Update
> 10-15-2013
>
> ALL of you CW guys need to do this update ASAP and let us
> know your impression of how all of its new features work
> for you . I am still testing other things on a dummy load
> , but the CW functions that I have tested so far work
> quite well now . Will be looking for some contacts
> depending on band conditions . Do the update and put it on
> the air !!!
>
> Charlie , W5COV
>
> On 10/15/2013 6:28 PM, ed@... <mailto:ed@...> wrote:
>>
>> I have posted the latest firmware update to the Files
>> section. Changes include (1) English used in the
>> interface (2) Corrects some CW issue.
>>
>> Regards,
>> Ed
>> www.ImportCommunications.com
>> <http://www.ImportCommunications.com>
>>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3609/6738 - Release
> Date: 10/10/13

>
>

1744. Re: [X1M_QRP-Transceiver] RE: New Firmware Update 10-15-2013

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-16 21:54:11 UTC
From: Ian Coots
Topic: 1727 Message: 1744
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Charlie,

Can you please tell me the USB-TTL lead that works with the X1M? and where I can get one?

I bought 2 from eBay .a short PC board (about 2☐ x ½☐)with a USB on one end and 4 pins on the other and a different one USB plug on one end with a 2☐ cable, both labelled TTL

I downloaded (prolific) drivers from site provided by suppliers, but neither of them will read the frequency when plugged into the DB9. I☐m using W7 and have tried it on my PC and my laptop

Regards,

Ian Coots (VK3YIC)

ausflag

1745. Re: [X1M_QRP-Transceiver] RE: New Firmware Update 10-15-2013

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-16 22:31:31 UTC
From: Charlie , W5COV
Topic: 1727 Message: 1745
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Ian ,

The adapter that you need goes between one of those cables and the radio
. I am certain any Xiegu distributor should have them .

Go to this URL : http://www.wouxun.us/item.php?item_id=306

This is the adapter that I use .

As an alternative , if you wish you can build your own from the group URL :

http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/files

Once on this page you will find the very last file is a PDF file named :

X1M_TTL-RS232.pdf
<http://f1.grp.yahoofs.com/v1/xBFfUibYRrUMHYgrL3d9YNMvcVZb1SLPCetCDtY_-O5yIEjhwlDwqqC6KAMN
WxD8LelRHiuyxN2hIBb5YLKLjqZwSKPA2A/X1M_TTL-RS232.pdf>X1M_TTL-RS232

You can build your own from this information . I believe there are also
a couple of other people who have built their own , but I didn't locate
them right off hand .

I'll try to get a sketch up in a little bit . EVERYONE HAS to have one
to be able to upgrade ANY model of the X1M .

ANYONE with an original X1M will be VERY PLEASED to change out to the
new PRO face plate that Ed will have for sale . I have swapped the
PRO face plate to an original and now the original is a PRO . Can't
tell a bit of difference yet , although I am still testing it .

Charlie , W5COV

On 10/16/2013 4:54 PM, Ian Coots wrote:
>
> Hello Charlie,
>
> Can you please tell me the USB-TTL lead that works with the X1M? and
> where I can get one?
>
> I bought 2 from eBay....a short PC board (about 2" x ?")with a USB on
> one end and 4 pins on the other and a different one USB plug on one
> end with a 2' cable, both labelled TTL
>
> I downloaded (prolific) drivers from site provided by suppliers, but
> neither of them will read the frequency when plugged into the DB9. I'm
> using W7 and have tried it on my PC and my laptop

>
> //
>
> Regards,
>
> Ian Coots (VK3YIC)
>
> ausflag
>
>

1746. RE: X1M CH to VFO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-18 03:05:34 UTC
From: <pezcat19@...>
Topic: 1722 Message: 1746

Hi guys,

As an idea, how about moving A=B to the location (page) that MUT is currently on, and replacing A=B with the proposed M>V button?

I personally never use A=B, and having MD, A/B and M>V on the same "page" would be very useful.

73,

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Great Volkmar- that should be an easy fix- just need to find a place on the command line to put the function.

Dale W4OP
----- Original Message -----
From: sambasamba2@... mailto:sambasamba2@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 16, 2013 11:38 AM
Subject: [X1M_QRP-Transceiver] RE: X1M CH to VFO

I forwarded this request to the factory.
73
Volkmar, DF2SS, WiMo Germany

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Thanks Perrin,

ATT is already gone- taken place by the keyer speed icon in the new firmware.
Dale W4OP
73
----- Original Message -----
From: pezcat19@... mailto:pezcat19@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 14, 2013 8:59 PM
Subject: [X1M_QRP-Transceiver] RE: X1M CH to VFO

Hi Dale,

I have not been able to find a way to do this (M>V), and I agree it would be very nice to have. Perhaps do away with ATT, and not MUT? I usually have MUT active, because I don't like the start-up beeps. :)

I have been using mine on 10M also, and I find it great. I get a little under 4W out on 10M, but that's ok with me.

Cheers,

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Is it possible to dump the contents of a Channel into VFO so that one can tune around +/- of the stored memory. i.e. M>V? If not, maybe we could do away with the MUT function and have this available?

Lots of DX on 10M today. the 4W out seems to do just fine.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1747. MKII Status

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-18 15:09:54 UTC
From: <ambientgoody@...>
Topic: 1747 Message: 1747

What is the status of the X1MKII? This radio is supposed to add 6m.

1748. Re: MKII Status

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-18 15:16:14 UTC
From: Stephen Farthing
Topic: 1747 Message: 1748

Where are the details OM ? 73s Steve G0XAR

1749. RE: MKII Status

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-18 16:07:50 UTC
From: <ambientgoody@...>
Topic: 1747 Message: 1749

See front panel:

http://www.hellocq.net/forum/read.php?tid=308617

1750. Re: [X1M_QRP-Transceiver] RE: MKII Status

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-18 18:45:31 UTC
From: Droid Power
Topic: 1747 Message: 1750

i wonder if output power will increase

On Fri, Oct 18, 2013 at 9:07 AM, <ambientgoody@...> wrote:

> **
>
>
> See front panel:
>
> http://www.hellocq.net/forum/read.php?tid=308617
>
>
>

1751. Re: [X1M_QRP-Transceiver] Re: MKII Status

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-18 21:07:26 UTC
From: Charlie , W5COV
Topic: 1747 Message: 1751

I haven't seen or heard any rumors about this new number rig . Please do
tell us more about it .
I am a little skeptical about adding 6 meters to the current X1M without
some changing of chips and some significant design changes .
Just my opinion , but would like to see if one is in the pipeline ,
since I planned on building a 6 meter transverter for mine this spring .

Charlie , W5COV

On 10/18/2013 10:16 AM, Stephen Farthing wrote:
>
> Where are the details OM ? 73s Steve G0XAR
>
>

1752. Re: [X1M_QRP-Transceiver] RE: MKII Status

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-18 21:21:29 UTC
From: Charlie , W5COV
Topic: 1747 Message: 1752

Thanks for sharing !! Interesting that they will still stay with the same basic designator .

BUT it looks like it is going to not be a good low cost entry level rig .

Anyone heard rumors on a price ?

I do hope they get many of them out there to competent Beta testers for a good period of time before going straight from drawing board to production .

I hope they have learned that they DO need Beta testers and not use their customers as the Beta testers .

Still love the X1M PRO and certainly hope they do not abandon it , but rather do a little expansion on it and people would pay a few buck more for certain enhancements .This radio (PRO) "should" be their bread and butter !!
Does anyone know if they will continue to produce the X1M PRO even IF they get a working model of this radio to market ?

However I "don't think" that people will pay hundreds more for this new model .

Just my personal thoughts and observations .

Charlie , W5COV

On 10/18/2013 11:07 AM, ambientgoody@... wrote:
> See front panel:
>
> http://www.hellocq.net/forum/read.php?tid=308617
>
>

1753. Re: [X1M_QRP-Transceiver] RE: MKII Status

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-18 21:48:27 UTC
From: Charlie , W5COV
Topic: 1747 Message: 1753

Says 20 watts . BUT I am curious as to how much the entire radio price would increase .

20 watts is easy to come by if you want to build yourself or there are some kits out there . The difference between 5 watts and 20 watts will likely never be noticed on any contact . It also kind of moves it out of a rig designed for the QRP market , which I am sure moves it into a much different price class .

If you really want to make a difference that you WILL notice , put your money into a better antenna system .
You CAN make a REAL difference that will also help you on receive .

Charlie , W5COV

On 10/18/2013 1:45 PM, Droid Power wrote:
> i wonder if output power will increase
>
>
> On Fri, Oct 18, 2013 at 9:07 AM, <ambientgoody@...
> <mailto:ambientgoody@...>> wrote:
>
> See front panel:
>
> http://www.hellocq.net/forum/read.php?tid=308617
>
>
>

1754. RE: MKII Status

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-19 06:40:08 UTC
From: <andreas.fuehrmann@...>
Topic: 1747 Message: 1754

As far as I have followed the discussion in the Chinese forum (Google Translate is your friend!),
it will come with a hefty price tag. About 3 times the price of the X1M Pro. Often misunderstood, but it will NOT be the successor of the Pro!
BTW, I go often portable with some manpack radios and no possibility to use a big antenna. 20 watts is only one S-unit over 5 watts but that can make the difference.

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

Says 20 watts . BUT I am curious as to how much the entire radio price would increase .

20 watts is easy to come by if you want to build yourself or there are some kits out there . The difference between 5 watts and 20 watts will likely never be noticed on any contact . It also kind of moves it out of a rig designed for the QRP market , which I am sure moves it into a much different price class .

If you really want to make a difference that you WILL notice , put your money into a better antenna system .
You CAN make a REAL difference that will also help you on receive .

Charlie , W5COV

On 10/18/2013 1:45 PM, Droid Power wrote:

i wonder if output power will increase

On Fri, Oct 18, 2013 at 9:07 AM, <ambientgoody@... mailto:ambientgoody@...> wrote:
See front panel:

http://www.hellocq.net/forum/read.php?tid=308617
http://www.hellocq.net/forum/read.php?tid=308617

1755. Re: [X1M_QRP-Transceiver] RE: MKII Status

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-19 07:05:01 UTC
From: Droid Power
Topic: 1747 Message: 1755

what kind of kit would you build for 20 watts?

On Fri, Oct 18, 2013 at 11:40 PM, <andreas.fuehrmann@...> wrote:

> **
>
>
> As far as I have followed the discussion in the Chinese forum (Google
> Translate is your friend!),
>
> it will come with a hefty price tag. About 3 times the price of the X1M
> Pro. Often misunderstood, but it will NOT be the successor of the Pro!
>
> BTW, I go often portable with some manpack radios and no possibility to
> use a big antenna.
>
> 20 watts is only one S-unit over 5 watts but that can make the difference.
>
>
> Andy, DC3AFA
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:
>
> Says 20 watts . BUT I am curious as to how much the entire radio price
> would increase .
>
> 20 watts is easy to come by if you want to build yourself or there are
> some kits out there . The difference between 5 watts and 20 watts will
> likely never be noticed on any contact . It also kind of moves it out of a
> rig designed for the QRP market , which I am sure moves it into a much
> different price class .
>
> If you really want to make a difference that you WILL notice , put your
> money into a better antenna system .
> You CAN make a REAL difference that will also help you on receive .
>
> Charlie , W5COV
>
> On 10/18/2013 1:45 PM, Droid Power wrote:
>
>
> i wonder if output power will increase
>
>

> On Fri, Oct 18, 2013 at 9:07 AM, <ambientgoody@...> wrote:
>
>
> See front panel:
>
> http://www.hellocq.net/forum/read.php?tid=308617
>
>
>
>
>

1756. Re: [X1M_QRP-Transceiver] RE: MKII Status

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-19 12:19:30 UTC
From: Charlie , W5COV
Topic: 1747 Message: 1756

I'll have to see what is being offered these days . Ramsey , Dieter at kitsandparts , Dan at Dans Small Parts , maybe a mini boots kit available . I don't keep up much on kits as I build most all of my own . There are quite a few simple MOSFET amps out there from 5 watts to 100 watts if you want to build your own from scratch and cheap transistors if you smoke one learning to build. I know how to do that quite well . It took me a few transistors to finally tame them . Good thing they are cheap :)

Charlie , W5COV

On 10/19/2013 2:05 AM, Droid Power wrote:
> what kind of kit would you build for 20 watts?
>
>
> On Fri, Oct 18, 2013 at 11:40 PM, <andreas.fuehrmann@...
> <mailto:andreas.fuehrmann@...>> wrote:
>
> As far as I have followed the discussion in the Chinese forum
> (Google Translate is your friend!),
>
> it will come with a hefty price tag. About 3 times the price of
> the X1M Pro. Often misunderstood, but it will NOT be the successor
> of the Pro!
>
> BTW, I go often portable with some manpack radios and no
> possibility to use a big antenna.
>
> 20 watts is only one S-unit over 5 watts but that can make the
> difference.
>
>
> Andy, DC3AFA
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com
> <mailto:x1m_qrp-transceiver@yahoogroups.com>, <cvest@...> wrote:
>
> Says 20 watts . BUT I am curious as to how much the entire radio
> price would increase .
>
> 20 watts is easy to come by if you want to build yourself or there
> are some kits out there . The difference between 5 watts and 20
> watts will likely never be noticed on any contact . It also kind

> of moves it out of a rig designed for the QRP market , which I am
> sure moves it into a much different price class .
>
> If you really want to make a difference that you WILL notice , put
> your money into a better antenna system .
> You CAN make a REAL difference that will also help you on receive .
>
> Charlie , W5COV
>
> On 10/18/2013 1:45 PM, Droid Power wrote:
>
>> i wonder if output power will increase
>>
>>
>> On Fri, Oct 18, 2013 at 9:07 AM, <ambientgoody@...
>> <mailto:ambientgoody@...>> wrote:
>>
>> See front panel:
>>
>> http://www.hellocq.net/forum/read.php?tid=308617
>>
>>
>
>
>

1757. Re: [X1M_QRP-Transceiver] RE: MKII Status

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-19 12:32:24 UTC
From: Charlie , W5COV
Topic: 1747 Message: 1757

I did translate it , then ended up mainly just looking at the pictures .
Even at twice the price of a PRO I am headed straight to Elecraft .
Sorry I thought that I had seen an X1M reference on the page or part
number. Yesterday was obviously the first time I had even heard of it .
Sad that they don't realize what a gem the X1M could be for them if they
want to make money .

I'll miss out on that one VERY OCCASIONAL contact for 3 times the money :)

Charlie , W5COV

On 10/19/2013 1:40 AM, andreas.fuehrmann@... wrote:
>
> As far as I have followed the discussion in the Chinese forum (Google
> Translate is your friend!),
>
> it will come with a hefty price tag. About 3 times the price of the
> X1M Pro. Often misunderstood, but it will NOT be the successor of the Pro!
>
> BTW, I go often portable with some manpack radios and no possibility
> to use a big antenna.
>
> 20 watts is only one S-unit over 5 watts but that can make the difference.
>
>
> Andy, DC3AFA
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:
>
> Says 20 watts . BUT I am curious as to how much the entire radio price
> would increase .
>
> 20 watts is easy to come by if you want to build yourself or there are
> some kits out there . The difference between 5 watts and 20 watts will
> likely never be noticed on any contact . It also kind of moves it out
> of a rig designed for the QRP market , which I am sure moves it into a
> much different price class .
>
> If you really want to make a difference that you WILL notice , put
> your money into a better antenna system .
> You CAN make a REAL difference that will also help you on receive .
>
> Charlie , W5COV
>

> On 10/18/2013 1:45 PM, Droid Power wrote:
>
>> i wonder if output power will increase
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>>
>> On Fri, Oct 18, 2013 at 9:07 AM, <ambientgoody@...
>> <mailto:ambientgoody@...>> wrote:
>>
>> See front panel:
>>
>> http://www.hellocq.net/forum/read.php?tid=308617
>>
>>
>
>

1758. MKII Status

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-19 13:37:07 UTC
From: <ed@...>
Topic: 1747 Message: 1758

Guys this radio is perhaps a year away from production. It will be 20 watts, much larger that the X1M and will be at least >3x the price.

I will get a prototype when available and will release the details then.

Ed
www.ImportCommunications.com
North American Distributor for Xiegu

1759. Re: [X1M_QRP-Transceiver] MKII Status

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-19 13:44:31 UTC
From: Charlie , W5COV
Topic: 1747 Message: 1759

Good deal Ed.

I LOVE the X1M PRO and they are really going to have to go a long way to beat it !!

Charlie

On 10/19/2013 8:37 AM, ed@... wrote:
>
> Guys this radio is perhaps a year away from production. It will be 20
> watts, much larger that the X1M and will be at least >3x the price.
>
> I will get a prototype when available and will release the details then.
>
> Ed
> www.ImportCommunications.com
> North American Distributor for Xiegu
>
>

1760. PA

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-19 13:45:46 UTC
From: Victor Schensnovich
Topic: 1760 Message: 1760

Hi Chirlie, could you tell me, where it is possible to buy a kit of
power amp. from 5w to 50-100watts?
Victor, UA1CEX.

1761. Re: [X1M_QRP-Transceiver] PA

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-19 13:54:06 UTC
From: Charlie , W5COV
Topic: 1760 Message: 1761

Victor , I don't keep up much on kits , but a quick check of one vendor
turns this 20 watt one up :

http://www.ramseyelectronics.com/cgi-bin/commerce.exe?preadd=action&key=QAMP

I'll browse around a little later today and see what else is available .

Charlie , W5COV

On 10/19/2013 8:45 AM, Victor Schensnovich wrote:
>
> Hi Chirlie, could you tell me, where it is possible to buy a kit of
> power amp. from 5w to 50-100watts?
> Victor, UA1CEX.
>
>

1762. PA

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-19 14:06:22 UTC
From: Victor Schensnovich
Topic: 1760 Message: 1762

Charlie, I built different kits and had no problems with them. But I bought two kits QAMP from Ramsey electronics and they do not work. Looking at eham.net, there are no happy reviews. Maybe, you can give me schematic of PA? You can send to my email ua1cex@...
Victor, UA1CEX.

1763. Re: PA

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-19 14:38:24 UTC
From: r mason
Topic: 1760 Message: 1763

Look here. This kit has had some nice comments. About 2/3 of the way down the page. Lots of other interesting QRP stuff too.
http://www.qsl.net/k5bcq/Kits/Kits.html

Roger
N4HSI

1764. Re: [X1M_QRP-Transceiver] PA

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-19 14:45:37 UTC
From: Dale Parfitt
Topic: 1760 Message: 1764

I believe these guys make the best small PA's for QRP:
http://site.hfprojectsyahoo.com/hf_packer-amp

Well designed, flexible and documented.

Dale W4OP

----- Original Message -----
From: Victor Schensnovich
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, October 19, 2013 10:06 AM
Subject: [X1M_QRP-Transceiver] PA

Charlie, I built different kits and had no problems with them. But I
bought two kits QAMP from Ramsey electronics and they do not work.
Looking at eham.net, there are no happy reviews. Maybe, you can give me
schematic of PA? You can send to my email ua1cex@...
Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1765. Re: [X1M_QRP-Transceiver] Re: PA

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-19 14:45:57 UTC
From: Victor Schensnovich
Topic: 1760 Message: 1765

19.10.2013 18:38, r mason ?????:
>
> Look here. This kit has had some nice comments. About 2/3 of the way
> down the page. Lots of other interesting QRP stuff too.
> http://www.qsl.net/k5bcq/Kits/Kits.html
>
> Roger
> N4HSI
>
>
Roger, thank you very much for usefull site!
Victor, UA1CEX.

1766. Re: [X1M_QRP-Transceiver] PA

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-19 14:55:24 UTC
From: Victor Schensnovich
Topic: 1760 Message: 1766

19.10.2013 18:45, Dale Parfitt пишет:
>
> □
>
> I believe these guys make the best small PA's for QRP:
> http://site.hfprojectsyahoo.com/hf_packer-amp
> Well designed, flexible and documented.
> Dale W4OP
>
> ----- Original Message -----
> *From:* Victor Schensnovich <mailto:ua1cex@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Saturday, October 19, 2013 10:06 AM
> *Subject:* [X1M_QRP-Transceiver] PA
>
> Charlie, I built different kits and had no problems with them. But I
> bought two kits QAMP from Ramsey electronics and they do not work.
> Looking at eham.net, there are no happy reviews. Maybe, you can
> give me
> schematic of PA? You can send to my email ua1cex@...
> <mailto:ua1cex@...>
> Victor, UA1CEX.
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date:
> 10/10/13
>
>
Ok Dale, thank you!
Victor, UA1CEX.

1767. 10 meters is WIDE OPEN

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-19 15:15:38 UTC
From: Charlie , W5COV
Topic: 1767 Message: 1767

FORWARDED FROM ANOTHER GROUP.

Charlie , W5COV

If you're not on the air right NOW, you're missing GREAT conditions!! Looks like a contest weekend almost.

I just 150 EU on CW.

CU on the air!!

Allen R. Brier N5XZ / KL5DX

1515 Windloch Lane

Richmond, TX 77406-2553

281-342-1882 (Home)

713-705-4801 (Cell)

n5xz@...

n5xz@...

_____
QRP-L mailing list
Home: http://mailman.qth.net/mailman/listinfo/qrp-l
Help: http://mailman.qth.net/mmfaq.htm
Post: mailto:QRP-L@...

This list hosted by: http://www.qsl.net
Please help support this email list: http://www.qsl.net/donate.html

1768. X1M AGC 2

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-19 15:28:39 UTC
From: Dale Parfitt
Topic: 1768 Message: 1768
Attachments: 1 described; binary payloads are missing from this source WARC

Not sure if this will work, but I am attaching what I hope is the final version of the AGC circuit. If anyone has time to build this up- please let me know as I am laying out the board and want feedback. If the attachment does not come through, I'll post it in the Files section.

Dale W4OP

1769. RE: [X1M_QRP-Transceiver] PA

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-19 15:29:25 UTC
From: Lee
Topic: 1760 Message: 1769

I built the HF Packer amp for my X1M Pro fir the times you need just a little more power. Puts out 30-35 watts.

http://www.hfprojectsyahoo.com/hf-packeramp.html

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Victor Schensnovich
Sent: Saturday, October 19, 2013 8:46 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] PA

Hi Chirlie, could you tell me, where it is possible to buy a kit of
power amp. from 5w to 50-100watts?
Victor, UA1CEX.

1770. 10M OPEN

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-19 15:40:24 UTC
From: Dale Parfitt
Topic: 1770 Message: 1770

Fantastic signals on 10M. I'm working all over EU on first calls- SSB. Thanks for the heads up Charlie.

Dale W4OP

1771. Re: [X1M_QRP-Transceiver] 10M OPEN

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-19 15:43:26 UTC
From: Keith Heimbold
Topic: 1770 Message: 1771

I was on for a short bit and worked a bunch of EU stations from the west coast, but XYL is forcing me out of the shack to shower and take the family to a different zoo. Hope it is good and zoo like all weekend long!!!

Keith
AK6ZZ

Sent from my iPhone please excuse typos

> On Oct 19, 2013, at 8:40 AM, "Dale Parfitt" <parinc1@frontier.com> wrote:
>
> □
>
> Fantastic signals on 10M. I'm working all over EU on first calls- SSB. Thanks for the heads up Charlie.
>
> Dale W4OP
>

1772. RE: New Firmware Update 10-15-2013

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-20 08:37:15 UTC
From: <jmt780@...>
Topic: 1727 Message: 1772

Lee,
Thank-you so much for the ebay info on the USB to TTL interface. Sorry to bother you with some questions:

1. Have you successfully used this device to update the X1M software?
2. Is driver is automatically downloaded by Windows?
3. Please provide interface connections you used to male DB9 of red, blu, wht, and blk wires. i.e., blk = pin 5, red = pin x, blu = pin y, wht = pin z.

Thanks Again!
John, W6SB

---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

Hi Ian ,

The adapter that you need goes between one of those cables and the radio . I am certain any Xiegu distributor should have them .

Go to this URL : http://www.wouxun.us/item.php?item_id=306
http://www.wouxun.us/item.php?item_id=306

This is the adapter that I use .

As an alternative , if you wish you can build your own from the group URL :

http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/files
http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/files

Once on this page you will find the very last file is a PDF file named :

X1M_TTL-RS232.pdf http://f1.grp.yahoofs.com/v1/xBFfUibYRrUMHYgrL3d9YNMvcVZb1SLPCetCDtY_-O5yIEjhwlDwqqC6KAMNWxD8LelRHiuyxN2hIBb5YLKLjqZwSKPA2A/X1M_TTL-RS232.pdf" title="X1M_TTL-RS232.pdf" id="ygrps-yiv-781104226yui_3_10_3_1_1381961930979_2068" style="color:rgb(131, 132, 200);text-decoration:none;font-weight:bold;font-family:'Helvetica Neue', Helvetica, Arial, san-serif, Roboto;font-size:13px;font-style:normal;font-variant:normal;letter-spacing:normal;line-height:20px;text-align:left;text-indent:0px;text-transform:none;white-space:nowrap;word-spacing:0px;background-color:rgb(250, 250, 252); X1M_TTL-RS232

You can build your own from this information . I believe there are also a couple of other people who have built their own , but I didn't locate
them right off hand .

I'll try to get a sketch up in a little bit . EVERYONE HAS to have one to be able to upgrade ANY model of the X1M .

ANYONE with an original X1M will be VERY PLEASED to change out to the new PRO face plate that Ed will have for sale . I have swapped the
PRO face plate to an original and now the original is a PRO . Can't tell a bit of difference yet , although I am still testing it .

Charlie , W5COV

On 10/16/2013 4:54 PM, Ian Coots wrote:

Hello Charlie,

Can you please tell me the USB-TTL lead that works with the X1M? and where I can get one?

I bought 2 from eBay….a short PC board (about 2” x ½”)with a USB on one end and 4 pins on the other and a different one USB plug on one end with a 2’ cable, both labelled TTL

I downloaded (prolific) drivers from site provided by suppliers, but neither of them will read the frequency when plugged into the DB9. I’m using W7 and have tried it on my PC and my laptop

Regards,

Ian Coots (VK3YIC)

1773. RE: RE: X1M CH to VFO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-20 14:11:52 UTC
From: <yl2fd@...>
Topic: 1722 Message: 1773

about ATT, my feelings is that it stays "switched on" after downloading of new firmware. And no more possibilities to test or switch it on/off this. Does anybody else have this feeling?
About CW keyer, processor seems work on edge of his productivity and often make delays in keying from paddle.
I dont understand yet, but something do to big delay (more than 500 mSec) in coming back from transmit to receive until normal signal can be listen. Seems charging/discharging of some capacitor of 200 mkF. (Thats in CW)

Andris/YL2FD

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I forwarded this request to the factory.
73
Volkmar, DF2SS, WiMo Germany

---In x1m_qrp-transceiver@yahoogroups.com, <sambasamba2@...> wrote:

I forwarded this request to the factory.
73
Volkmar, DF2SS, WiMo Germany

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Thanks Perrin,

ATT is already gone- taken place by the keyer speed icon in the new firmware.
Dale W4OP
73
----- Original Message -----
From: pezcat19@... mailto:pezcat19@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 14, 2013 8:59 PM
Subject: [X1M_QRP-Transceiver] RE: X1M CH to VFO

Hi Dale,

I have not been able to find a way to do this (M>V), and I agree it would be very nice to have. Perhaps do away with ATT, and not MUT? I usually have MUT active, because I don't like the start-up beeps. :)

I have been using mine on 10M also, and I find it great. I get a little under 4W out on 10M, but that's ok with me.

Cheers,

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Is it possible to dump the contents of a Channel into VFO so that one can tune around +/- of the stored memory. i.e. M>V? If not, maybe we could do away with the MUT function and have this available?

Lots of DX on 10M today. the 4W out seems to do just fine.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1774. RE: [X1M_QRP-Transceiver] RE: New Firmware Update 10-15-2013

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-20 14:19:13 UTC
From: Lee
Topic: 1727 Message: 1774

Questions to the group members are never a bother. We are here to help each other.

Many programming cables contain Chinese clones of the Prolific USB-to-serial chip. Prolific has "responded" with a poison pill driver that will FAIL to work with a non-genuine chip. I uploaded drivers that will work for XP, Vista, and Windows 7 to a folder called “USB Drivers for Prolific”. There is also a text file explaining install, Windows 7 issues and pinouts. I belong to another group that had the same problems. This question keeps coming up , recently 2 weeks ago, from new users so now we can just refer them to the files section and assist after that.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of jmt780@...
Sent: Sunday, October 20, 2013 3:37 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: New Firmware Update 10-15-2013

Lee,
Thank-you so much for the ebay info on the USB to TTL interface. Sorry to bother you with some questions:

1. Have you successfully used this device to update the X1M software?
2. Is driver is automatically downloaded by Windows?
3. Please provide interface connections you used to male DB9 of red, blu, wht, and blk wires. i.e., blk = pin 5, red = pin x, blu = pin y, wht = pin z.

Thanks Again!
John, W6SB

---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

Hi Ian ,

The adapter that you need goes between one of those cables and the radio . I am certain any Xiegu distributor should have them .

Go to this URL : http://www.wouxun.us/item.php?item_id=306

This is the adapter that I use .

As an alternative , if you wish you can build your own from the group URL :

http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/files

Once on this page you will find the very last file is a PDF file named :

<http://f1.grp.yahoofs.com/v1/xBFfUibYRrUMHYgrL3d9YNMvcVZb1SLPCetCDtY_-O5yIEjhwlDwqqC6KAMNWxD8LelRHiuyxN2hIBb5YLKLjqZwSKPA2A/X1M_TTL-RS232.pdf> X1M_TTL-RS232.pdf X1M_TTL-RS232

You can build your own from this information . I believe there are also a couple of other people who have built their own , but I didn't locate
them right off hand .

I'll try to get a sketch up in a little bit . EVERYONE HAS to have one to be able to upgrade ANY model of the X1M .

ANYONE with an original X1M will be VERY PLEASED to change out to the new PRO face plate that Ed will have for sale . I have swapped the
PRO face plate to an original and now the original is a PRO . Can't tell a bit of difference yet , although I am still testing it .

Charlie , W5COV

On 10/16/2013 4:54 PM, Ian Coots wrote:

Hello Charlie,

Can you please tell me the USB-TTL lead that works with the X1M? and where I can get one?

I bought 2 from eBay….a short PC board (about 2” x ½”)with a USB on one end and 4 pins on the other and a different one USB plug on one end with a 2’ cable, both labelled TTL

I downloaded (prolific) drivers from site provided by suppliers, but neither of them will read the frequency when plugged into the DB9. I’m using W7 and have tried it on my PC and my laptop

Regards,

Ian Coots (VK3YIC)

ausflag

1775. RE: X1M CH to VFO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-20 15:37:31 UTC
From: <andreas.fuehrmann@...>
Topic: 1722 Message: 1775

Hi Andris,

as long as there is no attenuator implemented in the X1M Pro that shouldn´t harm.
Do you hear any differences after updating?

Andy, DC3AFA

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I forwarded this request to the factory.
73
Volkmar, DF2SS, WiMo Germany

---In x1m_qrp-transceiver@yahoogroups.com, <sambasamba2@...> wrote:

I forwarded this request to the factory.
73
Volkmar, DF2SS, WiMo Germany

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Thanks Perrin,

ATT is already gone- taken place by the keyer speed icon in the new firmware.
Dale W4OP
73
----- Original Message -----
From: pezcat19@... mailto:pezcat19@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 14, 2013 8:59 PM
Subject: [X1M_QRP-Transceiver] RE: X1M CH to VFO

Hi Dale,

I have not been able to find a way to do this (M>V), and I agree it would be very nice to have. Perhaps do away with ATT, and not MUT? I usually have MUT active, because I don't like the start-up beeps. :)

I have been using mine on 10M also, and I find it great. I get a little under 4W out on 10M, but that's ok with me.

Cheers,

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Is it possible to dump the contents of a Channel into VFO so that one can tune around +/- of the stored memory. i.e. M>V? If not, maybe we could do away with the MUT function and have this available?

Lots of DX on 10M today. the 4W out seems to do just fine.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1776. Re: [X1M_QRP-Transceiver] RE: X1M CH to VFO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-20 19:49:55 UTC
From: Charlie , W5COV
Topic: 1722 Message: 1776

Good observation Andy . The X1M has never had an attenuator , apparently it was an early thought that never was implemented.
Did the sound just change on some modes after the update ? Check your original settings against the upgrade , because I believe they did some updates on the settings .

Charlie , W5COV

On 10/20/2013 10:37 AM, andreas.fuehrmann@... wrote:
>
> Hi Andris,
>
>
> as long as there is no attenuator implemented in the X1M Pro that
> shouldn´t harm.
>
> Do you hear any differences after updating?
>
>
> Andy, DC3AFA
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com,
> <x1m_qrp-transceiver@yahoogroups.com> wrote:
>
> I forwarded this request to the factory.
>
> 73
>
> Volkmar, DF2SS, WiMo Germany
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <sambasamba2@...> wrote:
>
> I forwarded this request to the factory.
>
> 73
>
> Volkmar, DF2SS, WiMo Germany
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

>
> □
> Thanks Perrin,
> ATT is already gone- taken place by the keyer speed icon in the new
> firmware.
> Dale W4OP
> 73
>
> ----- Original Message -----
> *From:* pezcat19@... <mailto:pezcat19@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Monday, October 14, 2013 8:59 PM
> *Subject:* [X1M_QRP-Transceiver] RE: X1M CH to VFO
>
> Hi Dale,
>
>
> I have not been able to find a way to do this
> (M>V), and I agree it would be very nice to have.
> Perhaps do away with ATT, and not MUT? I usually
> have MUT active, because I don't like the start-up
> beeps. :)
>
>
> I have been using mine on 10M also, and I find it
> great. I get a little under 4W out on 10M, but
> that's ok with me.
>
>
> Cheers,
>
>
> Perrin VK3XPT
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com,
> <parinc1@...> wrote:
>
> Is it possible to dump the contents of a Channel
> into VFO so that one can tune around +/- of the
> stored memory. i.e. M>V? If not, maybe we could do
> away with the MUT function and have this available?
>
> Lots of DX on 10M today. the 4W out seems to do
> just fine.
>
> Dale W4OP

>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3609/6738 -
> Release Date: 10/10/13
>
>

1777. RE: RE: X1M CH to VFO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-20 20:53:21 UTC
From: <yl2fd@...>
Topic: 1722 Message: 1777

Yes, me seems.
After installation of upgrade receiver stays more noisy and not so sensitive. Looks like ATT is switced on.

Andris/YL2FD

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Hi Andris,

as long as there is no attenuator implemented in the X1M Pro that shouldn´t harm.
Do you hear any differences after updating?

Andy, DC3AFA

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I forwarded this request to the factory.
73
Volkmar, DF2SS, WiMo Germany

---In x1m_qrp-transceiver@yahoogroups.com, <sambasamba2@...> wrote:

I forwarded this request to the factory.
73
Volkmar, DF2SS, WiMo Germany

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Thanks Perrin,

ATT is already gone- taken place by the keyer speed icon in the new firmware.
Dale W4OP
73
----- Original Message -----
From: pezcat19@... mailto:pezcat19@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 14, 2013 8:59 PM
Subject: [X1M_QRP-Transceiver] RE: X1M CH to VFO

Hi Dale,

I have not been able to find a way to do this (M>V), and I agree it would be very nice to have. Perhaps do away with ATT, and not MUT? I usually have MUT active, because I don't like the start-up beeps. :)

I have been using mine on 10M also, and I find it great. I get a little under 4W out on 10M, but that's ok with me.

Cheers,

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Is it possible to dump the contents of a Channel into VFO so that one can tune around +/- of the stored memory. i.e. M>V? If not, maybe we could do away with the MUT function and have this available?

Lots of DX on 10M today. the 4W out seems to do just fine.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1778. Fwd: [4sqrp] TEN METERS IS OPEN...WORKING MEXICO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-20 21:04:21 UTC
From: Charlie , W5COV
Topic: 1778 Message: 1778

POSTED FROM ANOTHER GROUP !!

HAVE FUN !!

Charlie

-------- Original Message --------
Subject: [4sqrp] TEN METERS IS OPEN...WORKING MEXICO
Date: Sun, 20 Oct 2013 15:49:28 -0500
From: Phil Anderson <aldenmcduffie@...>
Reply-To: 4sqrp@yahoogroups.com,Phil Anderson
<aldenmcduffie@...>
To: 4sqrp@yahoogroups.com <4sqrp@yahoogroups.com>
CC: W0UK@yahoogroups.com

HI ALL

UNC PHIL HERE. CW IS OPEN ON TEN METERS RIGHT NOW, GO FO RIT

SEE QRP SPOTS ON THE 4SQRP SPOTS PAGE.

72, UNC PHIL, W0XI, LAWRENCE, KS

1779. RE: X1M CH to VFO

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-21 08:55:44 UTC
From: <yl2fd@...>
Topic: 1722 Message: 1779

Hi andif62 and Charlie,
now i spend some time and see schematics of x1m and x1m Pro, and wonder. There really is not ATT circuit in it. Now I wonder again - what was the circuit which works on ATT. I confirm that it really works - Both: PRE and ATT do their job as they should do - +/- 10-20 db each, and also show black point, when switced, "on" on display.

May be I have another relese?

About real settings of parameters that is now in device, after upgrade. I see them superfical, and dont see any cahnges. More detailed - late today.

Andris/YL2FD

---In x1m_qrp-transceiver@yahoogroups.com, <yl2fd@...> wrote:

Yes, me seems.
After installation of upgrade receiver stays more noisy and not so sensitive. Looks like ATT is switced on.

Andris/YL2FD

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Hi Andris,

as long as there is no attenuator implemented in the X1M Pro that shouldn´t harm.
Do you hear any differences after updating?

Andy, DC3AFA

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I forwarded this request to the factory.
73
Volkmar, DF2SS, WiMo Germany

---In x1m_qrp-transceiver@yahoogroups.com, <sambasamba2@...> wrote:

I forwarded this request to the factory.
73
Volkmar, DF2SS, WiMo Germany

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Thanks Perrin,

ATT is already gone- taken place by the keyer speed icon in the new firmware.
Dale W4OP

73
----- Original Message -----
From: pezcat19@... mailto:pezcat19@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 14, 2013 8:59 PM
Subject: [X1M_QRP-Transceiver] RE: X1M CH to VFO

Hi Dale,

I have not been able to find a way to do this (M>V), and I agree it would be very nice to have. Perhaps do away with ATT, and not MUT? I usually have MUT active, because I don't like the start-up beeps. :)

I have been using mine on 10M also, and I find it great. I get a little under 4W out on 10M, but that's ok with me.

Cheers,

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Is it possible to dump the contents of a Channel into VFO so that one can tune around +/- of the stored memory. i.e. M>V? If not, maybe we could do away with the MUT function and have this available?

Lots of DX on 10M today. the 4W out seems to do just fine.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1780. Function key

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-21 13:45:03 UTC
From: Victor Schensnovich
Topic: 1780 Message: 1780

Who knows, is it possible to change function key, if I want to have RIT
and V/M on one page?
Victor, UA1CEX.

1781. RX lost sesitivity after Firmware update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-21 20:17:14 UTC
From: <yl2fd@...>
Topic: 1781 Message: 1781

Hallo everybody,
I have posted this in some neighbor topics, but decided open new one.
I have x1m Pro and have sucessfully done Firmware update to v1.01b(Sep 28 2013)
Functionally all new features works and are available.
But radio lost sensitivity and stays noisy - seems like ATT stays switched on.
As You know ATT in new firmware was deleted.
People from neighbor topics told that ATT never had real hardware implementation. Strange, in previous Firmware worked both - ATT and PRE doing their job right (+/- some 10-20 db each!).
Today I see layouts from x1m and x1m Pro, which are there in file section, and really - no ATT circuit made in RX antenna line. What then do ATT button?
May he I have another hardware there?
There was also suggestion - verify all parameters after update. There are only one parameter changed - LSB, which now is 08998850 - and sounds better.

After such long introduction my question - Does anybody else have such strange behavior of receiver?

Andris/YL2FD

1782. Re: [X1M_QRP-Transceiver] RX lost sesitivity after Firmware update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-21 21:02:55 UTC
From: Dale Parfitt
Topic: 1781 Message: 1782

I have not seen this Andris. Can you do an MDS test?

Dale W4OP
----- Original Message -----
From: yl2fd@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 21, 2013 4:17 PM
Subject: [X1M_QRP-Transceiver] RX lost sesitivity after Firmware update

Hallo everybody,
I have posted this in some neighbor topics, but decided open new one.
I have x1m Pro and have sucessfully done Firmware update to v1.01b(Sep 28 2013)
Functionally all new features works and are available.
But radio lost sensitivity and stays noisy - seems like ATT stays switched on.
As You know ATT in new firmware was deleted.
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May he I have another hardware there?
There was also suggestion - verify all parameters after update. There are only one parameter changed - LSB, which now is 08998850 - and sounds better.

After such long introduction my question - Does anybody else have such strange behavior of receiver?

Andris/YL2FD

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1783. Re: [X1M_QRP-Transceiver] RX lost sesitivity after Firmware update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-21 21:13:06 UTC
From: Charlie , W5COV
Topic: 1781 Message: 1783

Hi Andris ,

I have a PRO and an original model that has been tried as a PRO by upgrading the front panel .
I am also running the same version of firmware as you in both radios when they are configured as a PRO.
There never was any difference with the ATT button heard or measured in the receiver since I first bought the radio . It did indeed switch on the display indicating that it was switched in or out , but it seems like it was possibly a thought that never made it to final design to be implemented .

The ATT button is now the speed control for CW SPEED on the keyer in the new firmware .

It is always possible for you to have a different board version , because I know that they do exist , as I have personally seen them on the PRO for sure . You might write down and post the board versions that you have . That is something I failed to do when I realized different components on two different PRO boards . I will do it the next time I come across such a difference . Also pictures of your board posted to the group might be useful.

Are you using a calibrated signal source , since as a signal generator , into the radio for your readings ? I have done the updates as have several others on here and I have not heard of anyone having any receive issues as a result of the upgrade .

10 Meters was open here in the USA over the weekend to many parts of the world and MANY group members were actively working all of the DX , so they weren't complaining of not hearing well on 10 meters .(I think 10 is still open today although I haven't had an opportunity to listen yet)

The LSB change was implemented in the new firmware since the earlier firmware was incorrect and left LSB off frequency right from the factory .

If you want to really dig into any issues that you feel you have , you can always load the older version if you wish to make comparisons and then load back the current firmware when you are done . I DO NOT recommend this , unless you just want to prove there is an issue with your radio caused by the firmware .

I hope others will express their experience , since we are not aware of any such issues . The way the radio has progressed to the point that it is now , is through the feedback of the users in the trenches and the distributors getting that information conveyed back to the factory , that has made it a GREAT little radio , especially for the price !! One

more upgrade which should be the FINAL upgrade and it should be a better radio than most of us anticipated when we bought it .

I don't know ANYWHERE that you can buy a complete radio that will even remotely compare to the X1M for even twice the price !!

Charlie , W5COV

On 10/21/2013 3:17 PM, yl2fd@... wrote:
>
> Hallo everybody,
> I have posted this in some neighbor topics, but decided open new one.
> I have x1m Pro and have sucessfully done Firmware update to v1.01b(Sep
> 28 2013)
> Functionally all new features works and are available.
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> switched on.
> As You know ATT in new firmware was deleted.
> People from neighbor topics told that ATT never had real hardware
> implementation. Strange, in previous Firmware worked both - ATT and
> PRE doing their job right (+/- some 10-20 db each!).
> Today I see layouts from x1m and x1m Pro, which are there in file
> section, and really - no ATT circuit made in RX antenna line. What
> then do ATT button?
> May he I have another hardware there?
> There was also suggestion - verify all parameters after update. There
> are only one parameter changed - LSB, which now is 08998850 - and
> sounds better.
>
> After such long introduction my question - Does anybody else have such
> strange behavior of receiver?
>
> Andris/YL2FD
>
>

1784. RE: Re: [X1M_QRP-Transceiver] RX lost sesitivity after Firmware update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 01:40:41 UTC
From: <lphebus@...>
Topic: 1781 Message: 1784

I echo Charlie's first paragraph. My X1M pro/platinum has an ATT button that appears to work in the display but does not really do anything to the received signal. I have not yet upgraded firmware.

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Hi Andris ,

I have a PRO and an original model that has been tried as a PRO by upgrading the front panel .
I am also running the same version of firmware as you in both radios when they are configured as a PRO.
There never was any difference with the ATT button heard or measured in the receiver since I first bought the radio . It did indeed switch on the display indicating that it was switched in or out , but it seems like it was possibly a thought that never made it to final design to be implemented .

The ATT button is now the speed control for CW SPEED on the keyer in the new firmware .

It is always possible for you to have a different board version , because I know that they do exist , as I have personally seen them on the PRO for sure . You might write down and post the board versions that you have . That is something I failed to do when I realized different components on two different PRO boards . I will do it the next time I come across such a difference . Also pictures of your board posted to the group might be useful.

Are you using a calibrated signal source , since as a signal generator , into the radio for your readings ? I have done the updates as have several others on here and I have not heard of anyone having any receive issues as a result of the upgrade .

10 Meters was open here in the USA over the weekend to many parts of the world and MANY group members were actively working all of the DX , so they weren't complaining of not hearing well on 10 meters .(I think 10 is still open today although I haven't had an opportunity to listen yet)

The LSB change was implemented in the new firmware since the earlier firmware was incorrect and left LSB off frequency right from the factory .

If you want to really dig into any issues that you feel you have , you can always load the older version if you wish to make comparisons and then load back the current firmware when you are done . I DO NOT recommend this , unless you just want to prove there is an issue with your radio caused by the firmware .

I hope others will express their experience , since we are not aware of any such issues . The way the radio has progressed to the point that it is now , is through the feedback of the users in the trenches and the distributors getting that information conveyed back to the factory , that has made it a GREAT little radio , especially for the price !! One more upgrade which should be the FINAL upgrade and it should be a better radio than most of us

anticipated when we bought it .

I don't know ANYWHERE that you can buy a complete radio that will even remotely compare to the X1M for even twice the price !!

Charlie , W5COV

On 10/21/2013 3:17 PM, yl2fd@... mailto:yl2fd@... wrote:

Hallo everybody,
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May he I have another hardware there?
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After such long introduction my question - Does anybody else have such strange behavior of receiver?

Andris/YL2FD

1785. X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 02:00:31 UTC
From: <parinc1@...>
Topic: 1535 Message: 1785

I just posted a JPG of a master board for the AGC boards. Each master contains 16 AGC boards. Each individual board is 0.625" X 0.95" and is plated through, silk screened and solder masked. They will be here Thursday or Friday. If anyone wants a bare board let me know. I'll place an order for parts tomorrow- enough for 30 kits initially.
W4SC is a very talented engineer and after some arm twisting I got Ben to do the SMD layout for us. A very elegant board.

The final circuit was the 3rd of a series I breadboarded. It is by far the simplest and yet works the best of the three. Performance appears to be pretty close to what might be achieved by RF derived AGC. I have been running this final version for several nights now and it works better than I had expected for audio derived AGC. I hope the members will be as pleased as I am. AGC is a very complex subject fraught with problems I never knew about or anticipated; and interfacing to the X1M raised additional issues. The board requires 4 connections to the X1M: +9/GND/AF IN/ AGC OUT. There is a SMD pot on the AGC board that will allow each user to select his own threshold point.

Dale W4OP

1786. Re: Re: [X1M_QRP-Transceiver] RX lost sesitivity after Firmware update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 02:05:10 UTC
From: Dale Parfitt
Topic: 1781 Message: 1786

I have seen three PRO's now and none contained Attenuator circuitry. But who knows- maybe ther'es one out there.

Dale
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 21, 2013 9:40 PM
Subject: RE: Re: [X1M_QRP-Transceiver] RX lost sesitivity after Firmware update

I echo Charlie's first paragraph. My X1M pro/platinum has an ATT button that appears to work in the display but does not really do anything to the received signal. I have not yet upgraded firmware.

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Hi Andris ,

I have a PRO and an original model that has been tried as a PRO by upgrading the front panel .
I am also running the same version of firmware as you in both radios when they are configured as a PRO.
There never was any difference with the ATT button heard or measured in the receiver since I first bought the radio . It did indeed switch on the display indicating that it was switched in or out , but it seems like it was possibly a thought that never made it to final design to be implemented .

The ATT button is now the speed control for CW SPEED on the keyer in the new firmware .

It is always possible for you to have a different board version , because I know that they do exist , as I have personally seen them on the PRO for sure . You might write down and post the board versions that you have . That is something I failed to do when I realized different components on two different PRO boards . I will do it the next time I come across such a difference . Also pictures of your board posted to the group might be useful.

Are you using a calibrated signal source , since as a signal generator , into the radio for your readings ? I have done the updates as have several others on here and I have not heard of anyone having any receive issues as a result of the upgrade .

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The LSB change was implemented in the new firmware since the earlier firmware was incorrect and left LSB off frequency right from the factory .

If you want to really dig into any issues that you feel you have , you can always load the older version if you wish to make comparisons and then load back the current firmware when you are done . I DO NOT recommend this , unless you just want to prove there is an issue with your radio caused by the firmware .

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I don't know ANYWHERE that you can buy a complete radio that will even remotely compare to the X1M for even twice the price !!

Charlie , W5COV

On 10/21/2013 3:17 PM, yl2fd@... wrote:

Hallo everybody,
I have posted this in some neighbor topics, but decided open new one.
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May he I have another hardware there?
There was also suggestion - verify all parameters after update. There are only one parameter changed - LSB, which now is 08998850 - and sounds better.

After such long introduction my question - Does anybody else have such strange behavior of receiver?

Andris/YL2FD

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1787. RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 03:40:04 UTC
From: <kd4hjt@...>
Topic: 1535 Message: 1787

Dale,
I would like to have one of your boards.
Ray, KD4HJT

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I just posted a JPG of a master board for the AGC boards. Each master contains 16 AGC boards. Each individual board is 0.625" X 0.95" and is plated through, silk screened and solder masked. They will be here Thursday or Friday. If anyone wants a bare board let me know. I'll place an order for parts tomorrow- enough for 30 kits initially. W4SC is a very talented engineer and after some arm twisting I got Ben to do the SMD layout for us. A very elegant board.

The final circuit was the 3rd of a series I breadboarded. It is by far the simplest and yet works the best of the three. Performance appears to be pretty close to what might be achieved by RF derived AGC. I have been running this final version for several nights now and it works better than I had expected for audio derived AGC. I hope the members will be as pleased as I am. AGC is a very complex subject fraught with problems I never knew about or anticipated; and interfacing to the X1M raised additional issues. The board requires 4 connections to the X1M: +9/GND/AF IN/ AGC OUT. There is a SMD pot on the AGC board that will allow each user to select his own threshold point.

Dale W4OP

1788. Re: [X1M_QRP-Transceiver] RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 03:46:38 UTC
From: Dale Parfitt
Topic: 1535 Message: 1788

OK Ray,

I'll post as soon as they are in. Full kits will not be available until next week.

Dale W4OP
----- Original Message -----
From: kd4hjt@ymail.com
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 21, 2013 11:40 PM
Subject: [X1M_QRP-Transceiver] RE: X1M AGC

Dale,

I would like to have one of your boards.

Ray, KD4HJT

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I just posted a JPG of a master board for the AGC boards. Each master contains 16 AGC boards. Each individual board is 0.625" X 0.95" and is plated through, silk screened and solder masked. They will be here Thursday or Friday. If anyone wants a bare board let me know. I'll place an order for parts tomorrow- enough for 30 kits initially.
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Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1789. RE: RX lost sesitivity after Firmware update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 06:12:46 UTC
From: <yl2fd@...>
Topic: 1781 Message: 1789

hallo Dale,

can You explane me shortly what is MDS test.
May be I can do it :)

Andris/YL2FD

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ I have not seen this Andris. Can you do an MDS test?

Dale W4OP
----- Original Message -----
From: yl2fd@... mailto:yl2fd@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 21, 2013 4:17 PM
Subject: [X1M_QRP-Transceiver] RX lost sesitivity after Firmware update

Hallo everybody,
I have posted this in some neighbor topics, but decided open new one.
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After such long introduction my question - Does anybody else have such strange behavior of receiver?

Andris/YL2FD

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Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1790. RE: RX lost sesitivity after Firmware update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 06:25:37 UTC
From: <yl2fd@...>
Topic: 1781 Message: 1790

Hallo Charlie,

thanks for such long answer on my question.
Nice to see there frendly people. I am Ham for more than 40 years. And have listened lot of receivers, from tube ones to one chip made. I see that You also have praxis not only in hardware, but also in sales.
In my receiver seems something now, after upgrade have not made good contact. My first thing was - it is ATT, but now i think it can be something else - halfly switced diode or not right connected circuit - from processor. I see that others have not this, and I should solve my problems locally.
I put on tale standart signal generator and try find where fault is.
Yes, last sunday I listen on 10 meters and band was widely open.
Have a nice evening, and DX
Andris/Yl2FD

---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

Hi Andris ,

I have a PRO and an original model that has been tried as a PRO by upgrading the front panel .
I am also running the same version of firmware as you in both radios when they are configured as a PRO.
There never was any difference with the ATT button heard or measured in the receiver since I first bought the radio . It did indeed switch on the display indicating that it was switched in or out , but it seems like it was possibly a thought that never made it to final design to be implemented .

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I don't know ANYWHERE that you can buy a complete radio that will even remotely compare to the X1M for even twice the price !!

Charlie , W5COV

On 10/21/2013 3:17 PM, yl2fd@... mailto:yl2fd@... wrote:

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After such long introduction my question - Does anybody else have such strange behavior of receiver?

Andris/YL2FD

1791. RE: RX lost sesitivity after Firmware update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 06:52:29 UTC
From: <yl2fd@...>
Topic: 1781 Message: 1791

hallo onionman51,
thanks for replay.
It was interesting, I even think for returning of update back to previous one and see/ measure with standart signal generator the influence of ATT on/off.
At this moment I feel that something is not swthced or is halfly swtched in radio tract. This rises noice and low sesitivity.

Andris/YL2FD

---In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

I echo Charlie's first paragraph. My X1M pro/platinum has an ATT button that appears to work in the display but does not really do anything to the received signal. I have not yet upgraded firmware.

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Hi Andris ,

I have a PRO and an original model that has been tried as a PRO by upgrading the front panel .
I am also running the same version of firmware as you in both radios when they are configured as a PRO.
There never was any difference with the ATT button heard or measured in the receiver since I first bought the radio . It did indeed switch on the display indicating that it was switched in or out , but it seems like it was possibly a thought that never made it to final design to be implemented .

The ATT button is now the speed control for CW SPEED on the keyer in the new firmware .

It is always possible for you to have a different board version , because I know that they do exist , as I have personally seen them on the PRO for sure . You might write down and post the board versions that you have . That is something I failed to do when I realized different components on two different PRO boards . I will do it the next time I come across such a difference . Also pictures of your board posted to the group might be useful.

Are you using a calibrated signal source , since as a signal generator , into the radio for your readings ? I have done the updates as have several others on here and I have not heard of anyone having any receive issues as a result of the upgrade .

10 Meters was open here in the USA over the weekend to many parts of the world and MANY group members were actively working all of the DX , so they weren't complaining of not hearing well on 10 meters .(I think 10 is still open today although I haven't had an opportunity to listen yet)

The LSB change was implemented in the new firmware since the earlier firmware was incorrect and left LSB off frequency right from the factory .

If you want to really dig into any issues that you feel you have , you can always load the older version if you wish to make comparisons and then load back the current firmware when you are done . I DO NOT recommend this , unless you just want to prove there is an issue with your radio caused by the firmware .

I hope others will express their experience , since we are not aware of any such issues . The way the radio has progressed to the point that it is now , is through the feedback of the users in the trenches and the distributors getting that information conveyed back to the factory , that has made it a GREAT little radio , especially for the price !! One more upgrade which should be the FINAL upgrade and it should be a better radio than most of us anticipated when we bought it .

I don't know ANYWHERE that you can buy a complete radio that will even remotely compare to the X1M for even twice the price !!

Charlie , W5COV

On 10/21/2013 3:17 PM, yl2fd@... mailto:yl2fd@... wrote:

Hallo everybody,
I have posted this in some neighbor topics, but decided open new one.
I have x1m Pro and have sucessfully done Firmware update to v1.01b(Sep 28 2013)
Functionally all new features works and are available.
But radio lost sensitivity and stays noisy - seems like ATT stays switched on.
As You know ATT in new firmware was deleted.
People from neighbor topics told that ATT never had real hardware implementation. Strange, in previous Firmware worked both - ATT and PRE doing their job right (+/- some 10-20 db each!).
Today I see layouts from x1m and x1m Pro, which are there in file section, and really - no ATT circuit made in RX antenna line. What then do ATT button?
May he I have another hardware there?
There was also suggestion - verify all parameters after update. There are only one parameter changed - LSB, which now is 08998850 - and sounds better.

After such long introduction my question - Does anybody else have such strange behavior of receiver?

Andris/YL2FD

1792. RE: RX lost sesitivity after Firmware update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 07:21:58 UTC
From: <yl2fd@...>
Topic: 1781 Message: 1792

Hallo Dale,
thanks for replay,
this mean that I should ivestigate my hardware more carefuly.
I answer to others - me seems that something stays halfly swtched on or not switched at all in radio tract of my RX.

Have a good day,
Andris / YL2FD

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ I have seen three PRO's now and none contained Attenuator circuitry. But who knows- maybe ther'es one out there.

Dale
----- Original Message -----
From: lphebus@... mailto:lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 21, 2013 9:40 PM
Subject: RE: Re: [X1M_QRP-Transceiver] RX lost sesitivity after Firmware update

I echo Charlie's first paragraph. My X1M pro/platinum has an ATT button that appears to work in the display but does not really do anything to the received signal. I have not yet upgraded firmware.

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:

Hi Andris ,

I have a PRO and an original model that has been tried as a PRO by upgrading the front panel .
I am also running the same version of firmware as you in both radios when they are configured as a PRO.
There never was any difference with the ATT button heard or measured in the receiver since I first bought the radio . It did indeed switch on the display indicating that it was switched in or out , but it seems like it was possibly a thought that never made it to final design to be implemented .

The ATT button is now the speed control for CW SPEED on the keyer in the new firmware .

It is always possible for you to have a different board version , because I know that they do exist , as I have personally seen them on the PRO for sure . You might write down and post the board versions that you have . That is something I failed to do when I realized different components on two different PRO boards . I will do it the next time I come across such a difference . Also pictures of your board posted to the group might be useful.

Are you using a calibrated signal source , since as a signal generator , into the radio for your readings ? I have done the updates as have several others on here and I have not heard

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The LSB change was implemented in the new firmware since the earlier firmware was incorrect and left LSB off frequency right from the factory .

If you want to really dig into any issues that you feel you have , you can always load the older version if you wish to make comparisons and then load back the current firmware when you are done . I DO NOT recommend this , unless you just want to prove there is an issue with your radio caused by the firmware .

I hope others will express their experience , since we are not aware of any such issues . The way the radio has progressed to the point that it is now , is through the feedback of the users in the trenches and the distributors getting that information conveyed back to the factory , that has made it a GREAT little radio , especially for the price !! One more upgrade which should be the FINAL upgrade and it should be a better radio than most of us anticipated when we bought it .

I don't know ANYWHERE that you can buy a complete radio that will even remotely compare to the X1M for even twice the price !!

Charlie , W5COV

On 10/21/2013 3:17 PM, yl2fd@... mailto:yl2fd@... wrote:

Hallo everybody,
I have posted this in some neighbor topics, but decided open new one.
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Functionally all new features works and are available.
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People from neighbor topics told that ATT never had real hardware implementation. Strange, in previous Firmware worked both - ATT and PRE doing their job right (+/- some 10-20 db each!).
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There was also suggestion - verify all parameters after update. There are only one parameter changed - LSB, which now is 08998850 - and sounds better.

After such long introduction my question - Does anybody else have such strange behavior of receiver?

Andris/YL2FD

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1793. RE: Re: [X1M_QRP-Transceiver] RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 10:04:30 UTC
From: <hanshvollmer@...>
Topic: 1535 Message: 1793

Hi Dale,

is it possible to publish the new schematic of the AGC-circiut to the group?

tnx in advance
Hans, DF5SR

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

☐ OK Ray,

I'll post as soon as they are in. Full kits will not be available until next week.

Dale W4OP
----- Original Message -----
From: kd4hjt@... mailto:kd4hjt@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 21, 2013 11:40 PM
Subject: [X1M_QRP-Transceiver] RE: X1M AGC

Dale,
I would like to have one of your boards.
Ray, KD4HJT

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com,
<x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:

I just posted a JPG of a master board for the AGC boards. Each master contains 16 AGC boards. Each individual board is 0.625" X 0.95" and is plated through, silk screened and solder masked. They will be here Thursday or Friday. If anyone wants a bare board let me know. I'll place an order for parts tomorrow- enough for 30 kits initially. W4SC is a very talented engineer and after some arm twisting I got Ben to do the SMD layout for us. A very elegant board.

The final circuit was the 3rd of a series I breadboarded. It is by far the simplest and yet works the best of the three. Performance appears t o be pretty close to what might be achieved by RF derived AGC. I have been running this final version for several nights now and it works better than I had expected for audio derived AGC. I hope the members will be as pleased as I am. AGC is a very complex subject fraught with problems I never knew about or anticipated; and interfacing to the X1M raised additional issues. The board requires 4 connections to the X1M: +9/GND/AF IN/ AGC OUT. There is a SMD pot on the AGC board that will allow each user to select his own threshold point.

Dale W4OP

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Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1794. Re: [X1M_QRP-Transceiver] RE: RX lost sesitivity after Firmware update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 13:04:41 UTC
From: Dale Parfitt
Topic: 1781 Message: 1794

MDS is Minimum Discernible Signal.
Have you done my mod to the LM386 chip to raise system gain by +12dB? If not, you need to do that first- it just involves shorting out R80C.
Once you have done that, put a calibrated sig gen into the antenna input. I can hear -130dBm on my unit on 80M- Preamp enabled.

Dale W4OP

----- Original Message -----
From: yl2fd@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 22, 2013 2:12 AM
Subject: [X1M_QRP-Transceiver] RE: RX lost sesitivity after Firmware update

hallo Dale,

can You explane me shortly what is MDS test.

May be I can do it :)

Andris/YL2FD

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
I have not seen this Andris. Can you do an MDS test?

Dale W4OP
----- Original Message -----
From: yl2fd@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 21, 2013 4:17 PM
Subject: [X1M_QRP-Transceiver] RX lost sesitivity after Firmware update

Hallo everybody,
I have posted this in some neighbor topics, but decided open new one.
I have x1m Pro and have sucessfully done Firmware update to v1.01b(Sep 28 2013)
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May he I have another hardware there?
There was also suggestion - verify all parameters after update. There are only one

parameter changed - LSB, which now is 08998850 - and sounds better.

After such long introduction my question - Does anybody else have such strange behavior of receiver?

Andris/YL2FD

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1795. Re: Re: [X1M_QRP-Transceiver] RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 13:10:06 UTC
From: Dale Parfitt
Topic: 1535 Message: 1795

Yes, I should have done it first. I went from relatively complex circuits and ended up with an op amp gain stage of around 10, a half wave rectifier with controllable attack/delay characteristics and a voltage follower. It turns out on the X1M, for some reason (which I had no interest in investigating at this time), the AGC voltage on the MC1350 effects SSB output power. So the final step was a series resistor on the output of the voltage follower to the MC1350 AGC pin.
In this case, simpler was better.
Dale
----- Original Message -----
From: hanshvollmer@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 22, 2013 6:04 AM
Subject: RE: Re: [X1M_QRP-Transceiver] RE: X1M AGC

Hi Dale,

is it possible to publish the new schematic of the AGC-circiut to the group?

tnx in advance

Hans, DF5SR

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

☐
OK Ray,

I'll post as soon as they are in. Full kits will not be available until next week.

Dale W4OP
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From: kd4hjt@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 21, 2013 11:40 PM
Subject: [X1M_QRP-Transceiver] RE: X1M AGC

Dale,

I would like to have one of your boards.

Ray, KD4HJT

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

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W4SC is a very talented engineer and after some arm twisting I got Ben to do the SMD layout for us. A very elegant board.

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Dale W4OP
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Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1796. RE: Re: [X1M_QRP-Transceiver] RE: RX lost sesitivity after Firmware update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 14:27:18 UTC
From: <yl2fd@...>
Topic: 1781 Message: 1796

Thanks Dale,
In some next days I do this. I have not yet done Your reccomended shorting of R80C, because before update RX works good.
Thanks for explaning of MDS

Andris/YL2FD

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

☐ MDS is Minimum Discernible Signal.
Have you done my mod to the LM386 chip to raise system gain by +12dB? If not, you need to do that first- it just involves shorting out R80C.
Once you have done that, put a calibrated sig gen into the antenna input. I can hear -130dBm on my unit on 80M- Preamp enabled.

Dale W4OP

----- Original Message -----
From: yl2fd@... mailto:yl2fd@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 22, 2013 2:12 AM
Subject: [X1M_QRP-Transceiver] RE: RX lost sesitivity after Firmware update

hallo Dale,

can You explane me shortly what is MDS test.
May be I can do it :)

Andris/YL2FD

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ I have not seen this Andris. Can you do an MDS test?

Dale W4OP
----- Original Message -----
From: yl2fd@... mailto:yl2fd@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 21, 2013 4:17 PM
Subject: [X1M_QRP-Transceiver] RX lost sesitivity after Firmware update

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May he I have another hardware there?
There was also suggestion - verify all parameters after update. There are only one parameter changed - LSB, which now is 08998850 - and sounds better.

After such long introduction my question - Does anybody else have such strange behavior of receiver?

Andris/YL2FD

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Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1797. AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 15:38:14 UTC
From: <parinc1@...>
Topic: 775 Message: 1797

I just placed the schematic for the AGC in the Files section under my call. Format is .PDF. An earlier version has been deleted to avoid confusion.

Dale W4OP

1798. Re: [X1M_QRP-Transceiver] RE: RX lost sesitivity after Firmware update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 17:36:15 UTC
From: Charlie , W5COV
Topic: 1781 Message: 1798

Hey Andris ,

I too have been a long time ham . Next month will be my 48th anniversary
of the date that I was first licensed.

Sorry about the long answers . This group has become like family to me
with so many people willing to help each other.

I apologize if I stray toward promoting the radio , even though I have
no financial or other similar connections to anything related to the radio .

However I haven't bought a new HF transceiver in many years , and when
one this small and was a full fledged 5 watt QRP already built
transceiver came on the market for the low price , when compared to
other rigs here , it did excite me to see the little rig and now what
all that it will do . Like you , I am sure not much excites you that
comes on the ham market today after so long in the hobby , this radio
DOES excite me !!

You will never believe I initially bought the radio to use as an exciter
only for my experimentation on the MF/LF bands , since it will transmit
down to 100 kHz. and is excellent as an IF radio for my transverters for
74 kHz.

If we can be of any help with your issue , we certainly will be happy to
try . There are many people on here with a lot of knowledge about this
radio and electronics in many different fields .

Best 73 ,
Charlie , W5COV

On 10/22/2013 1:25 AM, yl2fd@... wrote:
>
> Hallo Charlie,
>
> thanks for such long answer on my question.
>
> Nice to see there frendly people. I am Ham for more than 40 years. And
> have listened lot of receivers, from tube ones to one chip made. I see
> that You also have praxis not only in hardware, but also in sales.
>
> In my receiver seems something now, after upgrade have not made good
> contact. My first thing was - it is ATT, but now i think it can be
> something else - halfly switced diode or not right connected circuit -
> from processor. I see that others have not this, and I should solve my
> problems locally.
>

> I put on tale standart signal generator and try find where fault is.
>
> Yes, last sunday I listen on 10 meters and band was widely open.
>
> Have a nice evening, and DX
>
> Andris/Yl2FD
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:
>
> Hi Andris ,
>
> I have a PRO and an original model that has been tried as a PRO by
> upgrading the front panel .
> I am also running the same version of firmware as you in both radios
> when they are configured as a PRO.
> There never was any difference with the ATT button heard or measured
> in the receiver since I first bought the radio . It did indeed switch
> on the display indicating that it was switched in or out , but it
> seems like it was possibly a thought that never made it to final
> design to be implemented .
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> The ATT button is now the speed control for CW SPEED on the keyer in
> the new firmware .
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> It is always possible for you to have a different board version ,
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> the PRO for sure . You might write down and post the board versions
> that you have . That is something I failed to do when I realized
> different components on two different PRO boards . I will do it the
> next time I come across such a difference . Also pictures of your
> board posted to the group might be useful.
>
> Are you using a calibrated signal source , since as a signal generator
> , into the radio for your readings ? I have done the updates as have
> several others on here and I have not heard of anyone having any
> receive issues as a result of the upgrade .
>
> 10 Meters was open here in the USA over the weekend to many parts of
> the world and MANY group members were actively working all of the DX ,
> so they weren't complaining of not hearing well on 10 meters .(I
> think 10 is still open today although I haven't had an opportunity to
> listen yet)
>
> The LSB change was implemented in the new firmware since the earlier
> firmware was incorrect and left LSB off frequency right from the factory .
>
> If you want to really dig into any issues that you feel you have , you

> can always load the older version if you wish to make comparisons and
> then load back the current firmware when you are done . I DO NOT
> recommend this , unless you just want to prove there is an issue with
> your radio caused by the firmware .
>
> I hope others will express their experience , since we are not aware
> of any such issues . The way the radio has progressed to the point
> that it is now , is through the feedback of the users in the trenches
> and the distributors getting that information conveyed back to the
> factory , that has made it a GREAT little radio , especially for the
> price !! One more upgrade which should be the FINAL upgrade and it
> should be a better radio than most of us anticipated when we bought it .
>
> I don't know ANYWHERE that you can buy a complete radio that will even
> remotely compare to the X1M for even twice the price !!
>
> Charlie , W5COV
>
>
> On 10/21/2013 3:17 PM, yl2fd@... <mailto:yl2fd@...> wrote:
>
>> Hallo everybody,
>> I have posted this in some neighbor topics, but decided open new one.
>> I have x1m Pro and have sucessfully done Firmware update to
>> v1.01b(Sep 28 2013)
>> Functionally all new features works and are available.
>> But radio lost sensitivity and stays noisy - seems like ATT stays
>> switched on.
>> As You know ATT in new firmware was deleted.
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>> - and sounds better.
>>
>> After such long introduction my question - Does anybody else have
>> such strange behavior of receiver?
>>
>> Andris/YL2FD
>>
>
>

1799. Re: [X1M_QRP-Transceiver] RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 18:08:30 UTC
From: Charlie , W5COV
Topic: 1535 Message: 1799

VERY nice simple and clean circuit Dale !! THANK YOU very much for all
the time and effort that you put into this modification .
I am looking forward to installing one and do some serious QRP operation.
LOTS of great CW and phone contests coming up in the next couple of
months and I am going to give the little X1M PRO a good workout in all
of them that I can find time to operate .
The AGC will make a BIG difference in setting the receiver where it is
consistently comfortable to listen to .

Best 73 , Charlie , W5COV

On 10/22/2013 8:10 AM, Dale Parfitt wrote:
>
> □
>
> Yes, I should have done it first. I went from relatively complex
> circuits and ended up with an op amp gain stage of around 10, a half
> wave rectifier with controllable attack/delay characteristics and a
> voltage follower. It turns out on the X1M, for some reason (which I
> had no interest in investigating at this time), the AGC voltage on the
> MC1350 effects SSB output power. So the final step was a series
> resistor on the output of the voltage follower to the MC1350 AGC pin.
> In this case, simpler was better.
> Dale
>
> ----- Original Message -----
> *From:* hanshvollmer@... <mailto:hanshvollmer@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Tuesday, October 22, 2013 6:04 AM
> *Subject:* RE: Re: [X1M_QRP-Transceiver] RE: X1M AGC
>
> Hi Dale,
>
>
> is it possible to publish the new schematic of the AGC-circiut to
> the group?
>
>
> tnx in advance
>
> Hans, DF5SR
>
>
>

> ---In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>,
> <x1m_qrp-transceiver@yahoogroups.com
> <mailto:x1m_qrp-transceiver@yahoogroups.com>> wrote:
>
> □
> OK Ray,
> I'll post as soon as they are in. Full kits will not be available
> until next week.
> Dale W4OP
>
> ----- Original Message -----
> *From:* kd4hjt@... <mailto:kd4hjt@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Monday, October 21, 2013 11:40 PM
> *Subject:* [X1M_QRP-Transceiver] RE: X1M AGC
>
> Dale,
>
> I would like to have one of your boards.
>
> Ray, KD4HJT
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>,
> <x1m_qrp-transceiver@yahoogroups.com
> <mailto:x1m_qrp-transceiver@yahoogroups.com>> wrote:
>
> I just posted a JPG of a master board for the AGC
> boards. Each master contains 16 AGC boards. Each
> individual board is 0.625" X 0.95" and is plated
> through, silk screened and solder masked. They will be
> here Thursday or Friday. If anyone wants a bare board let
> me know. I'll place an order for parts tomorrow- enough
> for 30 kits initially.
> W4SC is a very talented engineer and after some arm
> twisting I got Ben to do the SMD layout for us. A very
> elegant board.
>
> The final circuit was the 3rd of a series I breadboarded.
> It is by far the simplest and yet works the best of the
> three. Performance appears t o be pretty close to what
> might be achieved by RF derived AGC. I have been running
> this final version for several nights now and it works
> better than I had expected for audio derived AGC. I hope
> the members will be as pleased as I am. AGC is a very

> complex subject fraught with problems I never knew about
> or anticipated; and interfacing to the X1M raised
> additional issues. The board requires 4 connections to
> the X1M: +9/GND/AF IN/ AGC OUT. There is a SMD pot on the
> AGC board that will allow each user to select his own
> threshold point.
>
> Dale W4OP
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3609/6738 - Release
> Date: 10/10/13
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date:
> 10/10/13
>
>

1800. RE: RX lost sesitivity after Firmware update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 18:10:58 UTC
From: <yl2fd@...>
Topic: 1781 Message: 1800

Hallo everybody again.
Folks forgot about ATT, this was not reason (and cannot be) for losting of sesivity.
My x1m do the strange things.
Today dissapears side tone of CW in loudspeaker (and head phone too). Testing of output signal shows that really signal goes in antenna, thats mean dissapear beeper. First thing was tuning of trim pot for side tone volume. In begining it was very - very loud, an I tune it practicaly to left right position for normal signal. After dissapering of beeps I open box, and - RX start working normally!
Thats great, but beep dont appear. Now I am working for two cases:
1) looking for beep, and signal CWtone from processor (pin 23 and C3B :)) May be processor is not working it out. and,
2) what is the reason of my previous noisy and nonsensitive RX. This can be some contacts, that comes weeker during tighting of screws of case. I can not reach this once more and this is bad for diagnostics.
Besides this I made CW QSO with station of some 3000 km from me on 40 m band with 3.5 W average out, (measured by osciloscope on 50 Om resistor).
Antenna GAP Titan Dx, Tuner was switched out.

Andris / YL2FD

---In x1m_qrp-transceiver@yahoogroups.com, <yl2fd@...> wrote:

Hallo everybody,
I have posted this in some neighbor topics, but decided open new one.
I have x1m Pro and have sucessfully done Firmware update to v1.01b(Sep 28 2013)
Functionally all new features works and are available.
But radio lost sensitivity and stays noisy - seems like ATT stays switched on.
As You know ATT in new firmware was deleted.
People from neighbor topics told that ATT never had real hardware implementation. Strange, in previous Firmware worked both - ATT and PRE doing their job right (+/- some 10-20 db each!).
Today I see layouts from x1m and x1m Pro, which are there in file section, and really - no ATT circuit made in RX antenna line. What then do ATT button?
May he I have another hardware there?
There was also suggestion - verify all parameters after update. There are only one parameter changed - LSB, which now is 08998850 - and sounds better.

After such long introduction my question - Does anybody else have such strange behavior of receiver?

Andris/YL2FD

1801. RE: Re: [X1M_QRP-Transceiver] RE: RX lost sesitivity after Firmware update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 18:17:08 UTC
From: <yl2fd@...>
Topic: 1781 Message: 1801

Nice Charly,

thanks again for answer. You are right - we are family, HAM is joining lot of people.
See, I have some changes in situation with low sesitivity of my Rx. I have posted this some minutes before.
As to mee - I like CW qso's. But I have another interest too - tube radio. I have collection of near 100 of them, both communication receivers and broadcasting too.
I am from Latvia, Riga, and we have 2 radio factories there. And semiconductors, and analogue IC was made there. Now this is gone due to technology changes. I have in my collection all "post War" (1945) tube receivers that was made in Riga till end of tube receiver production there. And only some of them are not working :)
Have a good day!
Andris / YL2FD

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Hey Andris ,

I too have been a long time ham . Next month will be my 48th anniversary of the date that I was first licensed.

Sorry about the long answers . This group has become like family to me with so many people willing to help each other.

I apologize if I stray toward promoting the radio , even though I have no financial or other similar connections to anything related to the radio .

However I haven't bought a new HF transceiver in many years , and when one this small and was a full fledged 5 watt QRP already built transceiver came on the market for the low price , when compared to other rigs here , it did excite me to see the little rig and now what all that it will do . Like you , I am sure not much excites you that comes on the ham market today after so long in the hobby , this radio DOES excite me !!

You will never believe I initially bought the radio to use as an exciter only for my experimentation on the MF/LF bands , since it will transmit down to 100 kHz. and is excellent as an IF radio for my transverters for 74 kHz.

If we can be of any help with your issue , we certainly will be happy to try . There are many people on here with a lot of knowledge about this radio and electronics in many different fields .

Best 73 ,
Charlie , W5COV

On 10/22/2013 1:25 AM, yl2fd@... mailto:yl2fd@... wrote:

Hallo Charlie,

thanks for such long answer on my question.
Nice to see there frendly people. I am Ham for more than 40 years. And have listened lot of receivers, from tube ones to one chip made. I see that You also have praxis not only in hardware, but also in sales.
In my receiver seems something now, after upgrade have not made good contact. My first thing was - it is ATT, but now i think it can be something else - halfly switced diode or not right connected circuit - from processor. I see that others have not this, and I should solve my problems locally.
I put on tale standart signal generator and try find where fault is.
Yes, last sunday I listen on 10 meters and band was widely open.
Have a nice evening, and DX
Andris/Yl2FD

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <cvest@...> mailto:cvest@... wrote:

Hi Andris ,

I have a PRO and an original model that has been tried as a PRO by upgrading the front panel .
I am also running the same version of firmware as you in both radios when they are configured as a PRO.
There never was any difference with the ATT button heard or measured in the receiver since I first bought the radio . It did indeed switch on the display indicating that it was switched in or out , but it seems like it was possibly a thought that never made it to final design to be implemented .

The ATT button is now the speed control for CW SPEED on the keyer in the new firmware .

It is always possible for you to have a different board version , because I know that they do exist , as I have personally seen them on the PRO for sure . You might write down and post the board versions that you have . That is something I failed to do when I realized different components on two different PRO boards . I will do it the next time I come across such a difference . Also pictures of your board posted to the group might be useful.

Are you using a calibrated signal source , since as a signal generator , into the radio for your readings ? I have done the updates as have several others on here and I have not heard of anyone having any receive issues as a result of the upgrade .

10 Meters was open here in the USA over the weekend to many parts of the world and MANY group members were actively working all of the DX , so they weren't complaining of not hearing well on 10 meters .(I think 10 is still open today although I haven't had an opportunity to listen yet)

The LSB change was implemented in the new firmware since the earlier firmware was incorrect and left LSB off frequency right from the factory .

If you want to really dig into any issues that you feel you have , you can always load the older version if you wish to make comparisons and then load back the current firmware when you are done . I DO NOT recommend this , unless you just want to prove there is an issue with your radio caused by the firmware .

I hope others will express their experience , since we are not aware of any such issues . The way the radio has progressed to the point that it is now , is through the feedback of the users in the trenches and the distributors getting that information conveyed back to the factory , that has made it a GREAT little radio , especially for the price !! One more upgrade which should be the FINAL upgrade and it should be a better radio than most of us anticipated when we bought it .

I don't know ANYWHERE that you can buy a complete radio that will even remotely compare to the X1M for even twice the price !!

Charlie , W5COV

On 10/21/2013 3:17 PM, yl2fd@... mailto:yl2fd@... wrote:

Hallo everybody,
I have posted this in some neighbor topics, but decided open new one.
I have x1m Pro and have sucessfully done Firmware update to v1.01b(Sep 28 2013)
Functionally all new features works and are available.
But radio lost sensitivity and stays noisy - seems like ATT stays switched on.
As You know ATT in new firmware was deleted.
People from neighbor topics told that ATT never had real hardware implementation. Strange, in previous Firmware worked both - ATT and PRE doing their job right (+/- some 10-20 db each!).
Today I see layouts from x1m and x1m Pro, which are there in file section, and really - no ATT circuit made in RX antenna line. What then do ATT button?
May he I have another hardware there?
There was also suggestion - verify all parameters after update. There are only one parameter changed - LSB, which now is 08998850 - and sounds better.

After such long introduction my question - Does anybody else have such strange behavior of receiver?

Andris/YL2FD

1802. RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 20:10:35 UTC
From: <yl2fd@...>
Topic: 1535 Message: 1802

Hallo Dale,
me are also interested in real AGC board. Count me in!

Andris / YL2FD

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Can I get a rough show of hands as to how many might be interested in adding AGC to their X1M PRO's?

Once the design is finalized, I'll order boards and SMD parts. I envision the board as being smaller than a postage stamp and affixing to the top board via @X tape directly behind the LM386 IC. You will have to lift pin 5 of the MC1350 and make 4 connections- GND/VCC/ Audio In/AGC out.

Tnx,

Dale W4OP

1803. AGC Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 20:18:30 UTC
From: <parinc1@...>
Topic: 1803 Message: 1803

I placed an order with Digikey for parts to build 40 boards. I'll build a couple of the boards and test them. Then, if all proves OK, we'll start kitting them up. The assembly manual will be available on the PAR Electronics WEBsite and here on the Yahoo Group. I am estimating the kit will be under $13 including USPS CONUS shipping. I'll have more data on international order shipping as soon as I can find time.

Dale W4OP

1804. RE: AGC Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 20:30:08 UTC
From: <yl2fd@...>
Topic: 1803 Message: 1804

Dale,
just now i saw layout, and have two questions.

Tuning of output voltage seems should be done by R1, not R2, as shown in layout?
where is the point of measuring of 4.17 VDC - Pin 5 MC1350 (W4)?

Andris / YL2FD

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I placed an order with Digikey for parts to build 40 boards. I'll build a couple of the boards and test them. Then, if all proves OK, we'll start kitting them up. The assembly manual will be available on the PAR Electronics WEBsite and here on the Yahoo Group. I am estimating the kit will be under $13 including USPS CONUS shipping. I'll have more data on international order shipping as soon as I can find time.

Dale W4OP

1805. Re: [X1M_QRP-Transceiver] RE: AGC Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 20:36:13 UTC
From: Dale Parfitt
Topic: 1803 Message: 1805

Hi Andris,
I am sorry, I don't have much time to answer individual questions right now. R1 sets the no signal voltage as measured on Pin 5 MC1350. Some part numbers have had their designation changed. R1 is the threshold adjust pot.

Dale W4OP
----- Original Message -----
From: yl2fd@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 22, 2013 4:30 PM
Subject: [X1M_QRP-Transceiver] RE: AGC Boards

Dale,
just now i saw layout, and have two questions.

Tuning of output voltage seems should be done by R1, not R2, as shown in layout?

where is the point of measuring of 4.17 VDC - Pin 5 MC1350 (W4)?

Andris / YL2FD

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I placed an order with Digikey for parts to build 40 boards. I'll build a couple of the boards and test them. Then, if all proves OK, we'll start kitting them up. The assembly manual will be available on the PAR Electronics WEBsite and here on the Yahoo Group. I am estimating the kit will be under $13 including USPS CONUS shipping . I'll have more data on international order shipping as soon as I can find time.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1806. Re: [X1M_QRP-Transceiver] RE: AGC Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 20:47:09 UTC
From: Dale Parfitt
Topic: 1803 Message: 1806

Corrected .PDF has been placed in the Files section- thank you for catching the error Andris.

Dale W4OP

----- Original Message -----
From: yl2fd@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 22, 2013 4:30 PM
Subject: [X1M_QRP-Transceiver] RE: AGC Boards

Dale,
just now i saw layout, and have two questions.

Tuning of output voltage seems should be done by R1, not R2, as shown in layout?

where is the point of measuring of 4.17 VDC - Pin 5 MC1350 (W4)?

Andris / YL2FD

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I placed an order with Digikey for parts to build 40 boards. I'll build a couple of the boards and test them. Then, if all proves OK, we'll start kitting them up. The assembly manual will be available on the PAR Electronics WEBsite and here on the Yahoo Group. I am estimating the kit will be under $13 including USPS CONUS shipping . I'll have more data on international order shipping as soon as I can find time.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1807. Re: [X1M_QRP-Transceiver] AGC Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 22:19:52 UTC
From: Bill Smith
Topic: 1803 Message: 1807

I'm in for one as well.

Bill Smith
KK6WLS

> On Oct 22, 2013, at 1:18 PM, <parinc1@...> wrote:
>
> I placed an order with Digikey for parts to build 40 boards. I'll build a couple of the boards and test them. Then, if all proves OK, we'll start kitting them up. The assembly manual will be available on the PAR Electronics WEBsite and here on the Yahoo Group. I am estimating the kit will be under $13 including USPS CONUS shipping. I'll have more data on international order shipping as soon as I can find time.
>
>
> Dale W4OP
>

1808. Re: [X1M_QRP-Transceiver] AGC Boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 22:26:50 UTC
From: Dale Parfitt
Topic: 1803 Message: 1808

No need to respond at this time. When we're ready to ship, I'll announce and be accepting payment via PayPal. Let's just hope all goes well and I haven't screwed up somewhere- a little distracted on this end!

Dale W4OP
----- Original Message -----
From: Bill Smith
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 22, 2013 6:19 PM
Subject: Re: [X1M_QRP-Transceiver] AGC Boards

I'm in for one as well.

Bill Smith
KK6WLS

On Oct 22, 2013, at 1:18 PM, <parinc1@...> wrote:

I placed an order with Digikey for parts to build 40 boards. I'll build a couple of the boards and test them. Then, if all proves OK, we'll start kitting them up. The assembly manual will be available on the PAR Electronics WEBsite and here on the Yahoo Group. I am estimating the kit will be under $13 including USPS CONUS shipping. I'll have more data on international order shipping as soon as I can find time.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1809. Re: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 22:27:28 UTC
From: John N Jeanne Meeks
Topic: 1535 Message: 1809

Dale,
I am 70 years old and hands aren't that steady. Could I get one fully assembled?

John

On Monday, October 21, 2013 7:00 PM, "parinc1@frontier.com" <parinc1@...> wrote:

I just posted a JPG of a master board for the AGC boards. Each master contains 16 AGC boards. Each individual board is 0.625" X 0.95" and is plated through, silk screened and solder masked. They will be here Thursday or Friday. If anyone wants a bare board let me know. I'll place an order for parts tomorrow- enough for 30 kits initially.
W4SC is a very talented engineer and after some arm twisting I got Ben to do the SMD layout for us. A very elegant board.

The final circuit was the 3rd of a series I breadboarded. It is by far the simplest and yet works the best of the three. Performance appears to be pretty close to what might be achieved by RF derived AGC. I have been running this final version for several nights now and it works better than I had expected for audio derived AGC. I hope the members will be as pleased as I am. AGC is a very complex subject fraught with problems I never knew about or anticipated; and interfacing to the X1M raised additional issues. The board requires 4 connections to the X1M: +9/GND/AF IN/ AGC OUT. There is a SMD pot on the AGC board that will allow each user to select his own threshold point.

Dale W4OP

1810. RE: [X1M_QRP-Transceiver] RE: New Firmware Update 10-15-2013

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-22 23:24:53 UTC
From: Ian Coots
Topic: 1727 Message: 1810
Attachments: 1 described; binary payloads are missing from this source WARC

G'day Lee,

I thought I'd let you and other users that may be following this post know, that following your post re: the "poison pill" Prolific drivers, I checked to reveal my driver was a 12/09/2013 version.

I downloaded the drivers you provided, replaced mine and checked again. The replacement driver now has the date 31/07/2007 (sorry.Australian format for date) So I'm guessing that for W7 that is probably the first version.or close to it.

The trouble is it still will not read the frequency from the X1M for either of my two very different USB to TTL converters.

I wondered if anyone else is still having the same issues, and if there is a simple test to ensure the DB9 is functioning correctly on the X1M?

Regards,

Ian Coots (VK3YIC)

ausflag

1811. RE: [X1M_QRP-Transceiver] MKII Status

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-23 01:11:15 UTC
From: Fred VE3FAL
Topic: 1747 Message: 1811

And did it not say somewhere that it will also have ALE capabilities?

Fred

VE3FAL

Hope all is well Ed…

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ed@...
Sent: October 19, 2013 9:37 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] MKII Status

Guys this radio is perhaps a year away from production. It will be 20 watts, much larger that the X1M and will be at least >3x the price.

I will get a prototype when available and will release the details then.

Ed
www.ImportCommunications.com
North American Distributor for Xiegu

1812. Any Digital Home brew interface operators ?? HELP NEEDED !!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-23 05:52:28 UTC
From: Charlie , W5COV
Topic: 1812 Message: 1812

Hi Group ,

We all have different interests and different priorities , as well as different budgets and abilities . That is one thing that makes this such a good group is the wide range of skills and people willing to help other people , without having to reinvent the wheel .

There are a number of nice little accessories that we can begin to build a library of , now that we are so close to the final firmware version .

I am a VERY avid designer , builder , experimenter , and operator , BUT my main priority is DC-2MHz. I run a USA part 15 beacon on 1750 meters , which is limited to 1 watt INPUT and an antenna that can not exceed roughly 50 feet , including ground lead . Quite challenging to say the least . I normally operate QRSS60 on 185.2984 kHz. and my identifier is CV .The "season" for this beacon is just beginning and I need to do some work on my station , especially the antenna , so I can hopefully put it on the air running 24/7 in just a few days and leaving it on all winter .

Okay the point of my post . I have had several inquiries by private e-mail and I do welcome hearing from anyone and if they have a question that I can answer , I am more than happy to answer it or try to find an answer for it if I don't know the answer.

I have had quite a few inquiries about using digital modes through the microphone jack with the X1M . I know for sure Paul is an active digital operator and I am too at different times of the year . I have a SignaLink USB interface , with the built in sound card , as well as a Buxcomm and a RIGblaster , from West Mountain Radio , along with a couple of simple , basic , cheap , down and dirty , no frills , home brew interfaces. Those are usually used with some of my many pieces of tube type radio gear , which I normally run RTTY with .

Several people from the group want to get involved in digital operation . Some with a limited budget , some not so limited . I played around a little with the SignaLink and the X1M early on , since it is the easiest interface to set up and get working , at least for me on the X1M. Some people want something cheaper and more basic and will be depending on the computer to set the audio levels and thus the power output . REMEMBER these are HIGH duty cycle modes , so NEVER run FULL output and be EXTREMELY mindful of your TRANSMIT duty cycle . A little extra cooling , probably wouldn't hurt either .

If you are running a home brew device that is built from readily available parts that are not too expensive , PLEASE consider posting a diagram , for others to be able to duplicate and have a high degree of success for beginning operators , perhaps even building their first

project from scratch . A simple yet complete and informative diagram , INCLUDING the microphone jack wiring , I am quite certain from the e-mails that I have received would be GREATLY appreciated by many of the group members . A good schematic and bill of materials , plus parts suppliers used would be even better .

Perhaps also a basic tutorial on operation for a few of the more common modes would help also . Maybe even a wave file or two of some of the most common modes , like PSK31 , would aid a new person in identifying what to listen for .

Also anyone that has a favorite piece of software and can add a description of how to get started with it would be another HUGE plus . A couple of different pieces of software and basic instructions would let them decide what they like best . They can always upgrade to a different program once they get some experience . Hopefully we have a couple of people that prefer different pieces of software . I have only recently started to change to FLDIGI myself from Digipan. (FREE SOFTWARE IS A NICE PLUS FOR MANY members also)

Remember we have MANY new ham users that are buying this radio , so as simple and easy as we can make it , the better . If you have questions PLEASE post them to the group . Even many seasoned operators can learn some new tricks or shortcuts along the way . I will likely have a question or two , once I have time to play more with FLDIGI and using it with the X1M . You never get to the point that you know it all and there are no stupid questions , only stupid mistakes , by not asking .

THANK YOU IN ADVANCE to those of you that will offer your support and help and hopefully post some diagrams and basic information sheets in the files for everyone to use . I will contribute too once I get caught up a little .

Best 73 , Charlie , W5COV

1813. Re: [X1M_QRP-Transceiver] RE: New Firmware Update 10-15-2013

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-23 06:35:52 UTC
From: Droid Power
Topic: 1727 Message: 1813
Attachments: 1 described; binary payloads are missing from this source WARC

is there a wiki or a site detailing how to update the firmware. There seems to be a lot of info but its all over the place. Can we make a guide?

On Tue, Oct 22, 2013 at 4:24 PM, Ian Coots <ianrob@...> wrote:

> **
>
>
> G’day Lee,****
>
> ** **
>
> I thought I’d let you and other users that may be following this post
> know, that following your post re: the “poison pill” Prolific drivers, I
> checked to reveal my driver was a 12/09/2013 version.****
>
> ** **
>
> I downloaded the drivers you provided, replaced mine and checked again.
> The replacement driver now has the date 31/07/2007 (sorry…Australian
> format for date) So I’m guessing that for W7 that is probably the first
> version…or close to it.****
>
> ** **
>
> The trouble is it still will not read the frequency from the X1M for
> either of my two very different USB to TTL converters. ****
>
> ** **
>
> I wondered if anyone else is still having the same issues, and if there is
> a simple test to ensure the DB9 is functioning correctly on the X1M?****
>
> ** **
>
> * *
>
> Regards,****
>
> ** **
>
> Ian Coots (VK3YIC)****
>
> ** **

>
> [image: ausflag]****
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1814. Re: Any Digital Home brew interface operators ?? HELP NEEDED !!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-23 07:10:21 UTC
From: John Tracy
Topic: 1812 Message: 1814

Hi Charlie & Thankyou!

I principally bought the X1M for PSK so it won't be long until I come up with an simple interface, and, I am not going to use the SignaLink interface. It would be helpful to know:

1. The spec for a full modulation input voltage (i.e., x millivolts rms).

2. If the microphone input needs a bias resistor to ground (to simulate the microphone).

3. If the microphone input needs to be capacitively isolated from the the interface. I assume yes.

The schematics I have for the X1M apparently do not show the microphone interface (they show where the microphone jack but not the interface to the X1M).

73 de John, W6SB

1815. Re: [X1M_QRP-Transceiver] Any Digital Home brew interface operators ?? HELP NEEDED !!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-23 07:32:26 UTC
From: Stephen Farthing
Topic: 1812 Message: 1815

Hi charlie,

My xm1 is still in the USA and i am not sure when i will get it. My main reason for buying it is for QRSS so i will be making an interface for it and use some species of microcontroller for controlling the tx. Demands on my time have just leapt as i have decided to move house and country next year. So i need the proverbial round tuit made from unobtanium to fit everything in. Priority is the microcontrroller course i am writing and have fallen way behind on.

Keep up thegood work,,

73 s Steve HA/G0XAR

On Wednesday, 23 October 2013, John Tracy wrote:

> **
>
>
> Hi Charlie & Thankyou!
>
> I principally bought the X1M for PSK so it won't be long until I come up
> with an simple interface, and, I am not going to use the SignaLink
> interface. It would be helpful to know:
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> 1. The spec for a full modulation input voltage (i.e., x millivolts rms).
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> 2. If the microphone input needs a bias resistor to ground (to simulate
> the microphone).
>
> 3. If the microphone input needs to be capacitively isolated from the
> the interface. I assume yes.
>
> The schematics I have for the X1M apparently do not show the microphone
> interface (they show where the microphone jack but not the interface to the
> X1M).
>
>
> 73 de John, W6SB
>
>
>

1816. RE: Re: [X1M_QRP-Transceiver] RE: New Firmware Update 10-15-2013

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-23 07:52:16 UTC
From: <jmt780@...>
Topic: 1727 Message: 1816

Amen,
I know some of this information exists in under files but putting it all together in one folder would be great. Putting it up on wiki would be even better.

I would like to see details on all the recommended interface hardware (with pin-outs) and software: a recommended USB to TTL converter (or equivalent pieces) to the X1M DB9 connector plus the software drivers with latest and tested X1M firmware. Pin-out information from the TTL interface device to the X1M needs to be included. It would be nice if all the hardware came with links to one place like Amazon.

For those of you that have already done this I would be willing to collect what you have done and make it available to the group ~ otherwise would your please post the hardware / software configuration that you used to update the firmware?

Thank-you!
John, W6SB

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

is there a wiki or a site detailing how to update the firmware. There seems to be a lot of info but its all over the place. Can we make a guide?

On Tue, Oct 22, 2013 at 4:24 PM, Ian Coots <ianrob@... mailto:ianrob@...> wrote:
G'day Lee,

I thought I'd let you and other users that may be following this post know, that following your post re: the "poison pill" Prolific drivers, I checked to reveal my driver was a 12/09/2013 version.

I downloaded the drivers you provided, replaced mine and checked again. The replacement driver now has the date 31/07/2007 (sorry…Australian format for date) So I'm guessing that for W7 that is probably the first version…or close to it.

The trouble is it still will not read the frequency from the X1M for either of my two very different USB to TTL converters.

I wondered if anyone else is still having the same issues, and if there is a simple test to ensure the DB9 is functioning correctly on the X1M?

Regards,

Ian Coots (VK3YIC)

1817. Re: Any Digital Home brew interface operators ?? HELP NEEDED !!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-23 11:49:49 UTC
From: Paul W. Ross
Topic: 1812 Message: 1817

The circuit diagram for the SignaLink USB interface shows isolation transformers in both input an output sides. It works "plain vanilla," just connected to the microphone jack for input and PTT, and output from the audio jack on the back with a stereo jumper. I tried my MFJ-297 microphone, but it was clear I needed an DC blocking capacitor, at least. I haven't pursued that matter further, as my X1M is back to Ed for replacement with the next production run (no output on 10, low on 15 and 20 meters). Just control the modulation level with the TX knob on the SignaLink unit. I set it so that I would get output on my SWR meter about 25% of full scale, full scale being "key down" on CW. That seemed to have worked fine. I just used 1/2 of an Ethernet cable, and the stereo plug that was shipped with the X1M.

73 /paul W3FIS

1818. Re: [X1M_QRP-Transceiver] Re: Any Digital Home brew interface operators ?? HELP NEEDED !!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-23 14:09:59 UTC
From: Steinar Aanesland
Topic: 1812 Message: 1818

Hi Paul

I got a SignaLink USB interface and would like to try to connect it to
my X1M.

What you are doing is something like this ?

http://www.tigertronics.com/sl_wireht_sep.htm

LA5VNA

On 23.10.2013 13:49, Paul W. Ross wrote:
> The circuit diagram for the SignaLink USB interface shows isolation
> transformers in both input an output sides. It works "plain vanilla,"
> just connected to the microphone jack for input and PTT, and output from
> the audio jack on the back with a stereo jumper. I tried my MFJ-297
> microphone, but it was clear I needed an DC blocking capacitor, at
> least. I haven't pursued that matter further, as my X1M is back to Ed
> for replacement with the next production run (no output on 10, low on 15
> and 20 meters). Just control the modulation level with the TX knob on
> the SignaLink unit. I set it so that I would get output on my SWR meter
> about 25% of full scale, full scale being "key down" on CW. That seemed
> to have worked fine. I just used 1/2 of an Ethernet cable, and the
> stereo plug that was shipped with the X1M.
>
> 73 /paul W3FIS
>

1819. X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-23 14:20:14 UTC
From: Victor Schensnovich
Topic: 1819 Message: 1819

Hi friends, today, I got X1M Pro. I programmed chanels for each band.
But when I choose a chanel, I cannot tune freq. around it. I tried press
button V/M, but no result. I think, I did something wrong. What I should
to do?
Victor, UA1CEX.

1820. Re: [X1M_QRP-Transceiver] X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-23 14:24:18 UTC
From: Dale Parfitt
Topic: 1819 Message: 1820

We have asked for the ability to dump a memory channel into the VFO on the next firmware upgrade.

Dale W4OP
----- Original Message -----
From: Victor Schensnovich
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 23, 2013 10:20 AM
Subject: [X1M_QRP-Transceiver] X1M

Hi friends, today, I got X1M Pro. I programmed chanels for each band.
But when I choose a chanel, I cannot tune freq. around it. I tried press
button V/M, but no result. I think, I did something wrong. What I should
to do?
Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1821. Re: [X1M_QRP-Transceiver] X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-23 14:30:23 UTC
From: Victor Schensnovich
Topic: 1819 Message: 1821

23.10.2013 18:24, Dale Parfitt пишет:
>
> □
>
> We have asked for the ability to dump a memory channel into the VFO
> on the next firmware upgrade.
> Dale W4OP
>
> ----- Original Message -----
> *From:* Victor Schensnovich <mailto:ua1cex@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Wednesday, October 23, 2013 10:20 AM
> *Subject:* [X1M_QRP-Transceiver] X1M
>
> Hi friends, today, I got X1M Pro. I programmed chanels for each band.
> But when I choose a chanel, I cannot tune freq. around it. I tried
> press
> button V/M, but no result. I think, I did something wrong. What I
> should
> to do?
> Victor, UA1CEX.
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date:
> 10/10/13
>
>
Ok Dale, thank you for your info.
Victor, UA1CEX.

1822. Re: [X1M_QRP-Transceiver] Any Digital Home brew interface operators ?? HELP NEEDED !!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-23 16:21:33 UTC
From: Charlie , W5COV
Topic: 1812 Message: 1822

Hi Stephen ,

Sounds like you are quite busy . I know when you get your X1M and have time that you will be contributing projects to the group .
I am trying to get the LF QRSS gear set up and ready to run for the entire winter . My antenna work has been delayed until just being able to start on it last week and as cold as it is here this morning I know the LF season is already upon us .
Looking forward to more on your course when you have time .

73 , Charlie , W5COV

On 10/23/2013 2:32 AM, Stephen Farthing wrote:
>
> Hi charlie,
>
>
> My xm1 is still in the USA and i am not sure when i will get it. My
> main reason for buying it is for QRSS so i will be making an interface
> for it and use some species of microcontroller for controlling the tx.
> Demands on my time have just leapt as i have decided to move house and
> country next year. So i need the proverbial round tuit made from
> unobtanium to fit everything in. Priority is the microcontrroller
> course i am writing and have fallen way behind on.
>
> Keep up thegood work,,
>
> 73 s Steve HA/G0XAR
>
>
>
> On Wednesday, 23 October 2013, John Tracy wrote:
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> Hi Charlie & Thankyou!
>
> I principally bought the X1M for PSK so it won't be long until I
> come up with an simple interface, and, I am not going to use the
> SignaLink interface. It would be helpful to know:
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> 1. The spec for a full modulation input voltage (i.e., x
> millivolts rms).
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> 2. If the microphone input needs a bias resistor to ground (to
> simulate the microphone).

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> 3. If the microphone input needs to be capacitively isolated
> from the the interface. I assume yes.
>
> The schematics I have for the X1M apparently do not show the
> microphone interface (they show where the microphone jack but not
> the interface to the X1M).
>
>
> 73 de John, W6SB
>
>

1823. Re: [X1M_QRP-Transceiver] RE: New Firmware Update 10-15-2013

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-23 16:36:38 UTC
From: Charlie , W5COV
Topic: 1727 Message: 1823
Attachments: 1 described; binary payloads are missing from this source WARC

There is a step by step version that I wrote up. It is in the file area . They have upgraded the program a little so that some buttons are in English on the latest firmware upgrade . Just be sure to leave your radio turned OFF until the instructions tell you to turn it ON . If you have any specific questions , please post them as I have done quite a few upgrades . It takes about 5 minutes to do a radio . It also has to be the PRO .

I'll try to take pictures and do a better write up . I have trouble taking pictures , due to having to hold the camera once the picture is snapped , since I have Parkinsons like hand tremors .

If someone that is having a problem and wants to make a video of their attempt to upgrade , then I can perhaps view it and help you with your problem . I still haven't had either of my "modern 21st century granddaughters" come down and show me how to make a video :) If I can figure it out I will try to make some kind of visual aids .

I have never had one upgrade fail right from the first one . Paul is a talented writer , but waiting on a radio right now . Perhaps he can look at my step by step instructions and clean them up a little , since I am not such a talented writer at explanations .

Charlie , W5COV

On 10/23/2013 1:35 AM, Droid Power wrote:
> is there a wiki or a site detailing how to update the firmware. There
> seems to be a lot of info but its all over the place. Can we make a guide?
>
>
> On Tue, Oct 22, 2013 at 4:24 PM, Ian Coots <ianrob@...
> <mailto:ianrob@...>> wrote:
>
> G?day Lee,
>
> I thought I?d let you and other users that may be following this
> post know, that following your post re: the ?poison pill? Prolific
> drivers, I checked to reveal my driver was a 12/09/2013 version.
>
> I downloaded the drivers you provided, replaced mine and checked
> again. The replacement driver now has the date 31/07/2007
> (sorry?Australian format for date) So I?m guessing that for W7
> that is probably the first version?or close to it.
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> The trouble is it still will not read the frequency from the X1M

> for either of my two very different USB to TTL converters.
>
> I wondered if anyone else is still having the same issues, and if
> there is a simple test to ensure the DB9 is functioning correctly
> on the X1M?
>
> //
>
> Regards,
>
> Ian Coots (VK3YIC)
>
> ausflag
>
>
>

1824. Re: [X1M_QRP-Transceiver] Re: Any Digital Home brew interface operators ?? HELP NEEDED !!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-23 17:44:09 UTC
From: Charlie , W5COV
Topic: 1812 Message: 1824

Hi John ,

Here is some basic information that should help you get going with the
mic issue for digital work :

http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/files/Mods%20and%20Reviews

How to connect a PC Headset mic to X1M.jpg
<http://f1.grp.yahoofs.com/v1/EAhoUlnoY69rwT3np6juUUXp8mAHStD1fEvzJL3w108g4d3DT2syU51Yfl9_sJYLYiAMm_8K2nFvE-NbI185evZDG_ysSA/Mods%20and%20Reviews/How%20to%20connect%20a%20PC%20Headset%20mic%20to%20X1M.jpg>

Naturally to receive digital modes , all that is needed is a cable
between the X1M headphone jack and the sound card .

Perhaps tonight I can wire one of my old non isolated basic bare bones
no frills transmit interfaces , that just requires a minimal
number of common parts , up to the X1M .

I DO prefer isolation so as not to have to battle ground loops ,
especially for people new to interfacing external devices to this
or any other radio , radio/computer equipment .

Charlie

On 10/23/2013 2:10 AM, John Tracy wrote:
> Hi Charlie & Thankyou!
>
> I principally bought the X1M for PSK so it won't be long until I come
> up with an simple interface, and, I am not going to use the SignaLink
> interface. It would be helpful to know:
>
> 1. The spec for a full modulation input voltage (i.e., x millivolts
> rms).
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> 2. If the microphone input needs a bias resistor to ground (to
> simulate the microphone).
>
> 3. If the microphone input needs to be capacitively isolated from
> the the interface. I assume yes.
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> The schematics I have for the X1M apparently do not show the
> microphone interface (they show where the microphone jack but not the
> interface to the X1M).
>

>
> 73 de John, W6SB
>
>

1825. RE: Any Digital Home brew interface operators ?? HELP NEEDED !!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-23 20:57:08 UTC
From: <deadgoose@...>
Topic: 1812 Message: 1825

Essentially. I use my SignaLink USB interface for both the X1M and an Alinco DX-SR-8, both of which have to be fed through the microphone jack on the front of the transceiver. To simplify matters, I used the same "connect to radio" configuration, so that I don't have to change jumpers -- it is configured for the Alinco -- only need FOUR wires -- Mic, Mic Ground, PTT, and PTT ground. Audio from radio (both the Alinco and the X1M) is fed directly to the audio jack on the SignaLink, and DOES NOT go through the RJ-45 connection, which would lead to a messy external spice, unless you have a crimping tool for RJ-45 connectors. I simply got a nice flexible Ethernet jumper -- 1 meter (~ 3 feet), and cut it in half and connected it to the stereo plug shipped with the X1M. I had some nice short stereo jumper for the audio from either the Alinco, or X1M. I wanted to keep things simple and neat.

73 /paul W3FIS

---In x1m_qrp-transceiver@yahoogroups.com, <saanes@...> wrote:

Hi Paul

I got a SignaLink USB interface and would like to try to connect it to
my X1M.

What you are doing is something like this ?

http://www.tigertronics.com/sl_wireht_sep.htm
http://www.tigertronics.com/sl_wireht_sep.htm

LA5VNA

On 23.10.2013 13:49, Paul W. Ross wrote:
> The circuit diagram for the SignaLink USB interface shows isolation
> transformers in both input an output sides. It works "plain vanilla,"
> just connected to the microphone jack for input and PTT, and output from
> the audio jack on the back with a stereo jumper. I tried my MFJ-297
> microphone, but it was clear I needed an DC blocking capacitor, at
> least. I haven't pursued that matter further, as my X1M is back to Ed
> for replacement with the next production run (no output on 10, low on 15
> and 20 meters). Just control the modulation level with the TX knob on
> the SignaLink unit. I set it so that I would get output on my SWR meter
> about 25% of full scale, full scale being "key down" on CW. That seemed
> to have worked fine. I just used 1/2 of an Ethernet cable, and the
> stereo plug that was shipped with the X1M.
>
> 73 /paul W3FIS
>

1826. RE: Any Digital Home brew interface operators ?? HELP NEEDED !!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-23 20:58:09 UTC
From: <deadgoose@...>
Topic: 1812 Message: 1826

One more thing -- again, to keep things SIMPLE, I used the HRD/DM780 suite -- to control the X1M *AND* for digital modes. I have also used MMSSTV for receiving SSTV with the X1M, though, at 5 watts, that is a little weak in the knees for reliable SSTV transmissions.

The use of HRD is discussed on page 6 of the User's Guide. The pin out for the X1M microphone connector is discussed on page 7. The general discussion for the SignaLink is discussed in the on-line manual for the SignaLink USB interface. Your choice on how to hook up digital cabling.

There are only THREE considerations:

PTT (which is the nice thing about the SignaLink interface)
Audio FROM the radio (isolation transformer in the SignaLink)
Audio TO the radio (isolation transformer in the SignaLink)

The SignaLink does NOT require a digital interface on the radio. If you have one, nice, but it can be used on essentially any SSB transceiver. The PTT is done with a nice relay, but I wouldn't do cathode keying on a tube radio!

73 /paul W3FIS

---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

Hi John ,

Here is some basic information that should help you get going with the mic issue for digital work :

http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/files/Mods%20and%20Reviews
http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/files/Mods%20and%20Reviews

How to connect a PC Headset mic to X1M.jpg http://f1.grp.yahoofs.com/v1/EAhoUlnoY69rwT3np6juUUXp8mAHStD1fEvzJL3w108g4d3DT2syU51Yfl9_sJYLYiAMm_8K2nFvE-NbI185evZDG_ysSA/Mods%20and%20Reviews/How%20to%20connect%20a%20PC%20Headset%20mic%20to%20X1M.jpg" title="How to connect a PC Headset mic to X1M.jpg" id="ygrps-yiv-2114778317yui_3_10_3_1_1382547703509_2136" style="color:rgb(131, 132, 200);text-decoration:underline;font-weight:bold;font-family:'Helvetica Neue', Helvetica, Arial, san-serif, Roboto;font-size:13px;font-style:normal;font-variant:normal;letter-spacing:normal;line-height:20px;text-align:left;text-indent:0px;text-transform:none;white-space:nowrap;word-spacing:0px;background-color:rgb(250, 250, 252);

Naturally to receive digital modes , all that is needed is a cable between the X1M headphone jack and the sound card .

Perhaps tonight I can wire one of my old non isolated basic bare bones no frills transmit interfaces , that just requires a minimal
number of common parts , up to the X1M .

I DO prefer isolation so as not to have to battle ground loops , especially for people new to interfacing external devices to this
or any other radio , radio/computer equipment .

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On 10/23/2013 2:10 AM, John Tracy wrote:

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The schematics I have for the X1M apparently do not show the microphone interface (they show where the microphone jack but not the interface to the X1M).

73 de John, W6SB

1827. Re: [X1M_QRP-Transceiver] RE: Any Digital Home brew interface operators ?? HELP NEEDED !!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-23 22:30:33 UTC
From: Steinar Aanesland
Topic: 1812 Message: 1827

Hi paul

I have now made me a cable with a RJ-45 connector and microphone/HT jacks. It works perfect :)

LA5VNA S

On 23.10.2013 22:57, deadgoose@... wrote:
> Essentially. I use my SignaLink USB interface for both the X1M and an

Alinco DX-SR-8, both of which have to be fed through the microphone

jack on the front of the transceiver. To simplify matters, I used the same

"connect to radio" configuration, so that I don't have to change jumpers --

it is configured for the Alinco -- only need FOUR wires -- Mic, Mic Ground,

PTT, and PTT ground. Audio from radio (both the Alinco and the X1M) is fed

directly to the audio jack on the SignaLink, and DOES NOT go through the

RJ-45 connection, which would lead to a messy external spice, unless you have a

crimping tool for RJ-45 connectors. I simply got a nice flexible Ethernet jumper --

1 meter (~ 3 feet), and cut it in half and connected it to the stereo plug shipped with

the X1M. I had some nice short stereo jumper for the audio from either the Alinco, or X1M.

I wanted to keep things simple and neat.
>
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> 73 /paul W3FIS
>
>
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> ---In x1m_qrp-transceiver@yahoogroups.com, <saanes@...> wrote:
>
> Hi Paul
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> I got a SignaLink USB interface and would like to try to connect it to

> my X1M.
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> What you are doing is something like this ?
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> http://www.tigertronics.com/sl_wireht_sep.htm
http://www.tigertronics.com/sl_wireht_sep.htm
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> LA5VNA
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> > transformers in both input an output sides. It works "plain vanilla,"
> > just connected to the microphone jack for input and PTT, and output from
> > the audio jack on the back with a stereo jumper. I tried my MFJ-297
> > microphone, but it was clear I needed an DC blocking capacitor, at
> > least. I haven't pursued that matter further, as my X1M is back to Ed
> > for replacement with the next production run (no output on 10, low on 15
> > and 20 meters). Just control the modulation level with the TX knob on
> > the SignaLink unit. I set it so that I would get output on my SWR meter
> > about 25% of full scale, full scale being "key down" on CW. That seemed
> > to have worked fine. I just used 1/2 of an Ethernet cable, and the
> > stereo plug that was shipped with the X1M.
> >
> > 73 /paul W3FIS
> >
>
>

1828. 4000M+ DX on 40M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-23 23:03:11 UTC
From: Dale Parfitt
Topic: 1828 Message: 1828

While I was tinkering with the AGC I happened to be tuned to CN2PM in Morocco Africa on 40M SSB running a pile up. I said "What the heck" and called him. Worked him on the first call through quite a pile up. Fun stuff.

Dale W4OP

1829. Re: [X1M_QRP-Transceiver] 4000M+ DX on 40M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-23 23:08:37 UTC
From: Charlie , W5COV
Topic: 1828 Message: 1829

CONGRATULATIONS !!! That is some QRP DX for anyone to be proud of , especially this time of day on 40 meters !! Maybe I can luck out and hear them here in the middle of the country .

Charlie , W5COV

On 10/23/2013 6:03 PM, Dale Parfitt wrote:
>
> □
>
> While I was tinkering with the AGC I happened to be tuned to CN2PM in
> Morocco Africa on 40M SSB running a pile up. I said "What the heck"
> and called him. Worked him on the first call through quite a pile up.
> Fun stuff.
> Dale W4OP
>

1830. Re: [X1M_QRP-Transceiver] 4000M+ DX on 40M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-23 23:25:55 UTC
From: Dale Parfitt
Topic: 1828 Message: 1830

He's still on 7148KHz.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 23, 2013 7:08 PM
Subject: Re: [X1M_QRP-Transceiver] 4000M+ DX on 40M

CONGRATULATIONS !!! That is some QRP DX for anyone to be proud of , especially this time of day on 40 meters !! Maybe I can luck out and hear them here in the middle of the country .

Charlie , W5COV

On 10/23/2013 6:03 PM, Dale Parfitt wrote:

☐

While I was tinkering with the AGC I happened to be tuned to CN2PM in Morocco Africa on 40M SSB running a pile up. I said "What the heck" and called him. Worked him on the first call through quite a pile up. Fun stuff.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1831. FIRMWARE UPGRADE CABLES PICTURE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-24 00:12:55 UTC
From: Charlie , W5COV
Topic: 1831 Message: 1831

I have just uploaded 4 pictures of the firmware upgrade cables that I use . They are shown hooked to the radio.It is in an album named Cables .Don't know if this will help or not , but if you want or need more details , I'll do my best to provide them .

If you have something that you have home brewed or adapted for this rig , please share it with the group. I can think of a lot of neat little accessories to add and likely other people have similar thoughts .

When time returns to build more accessories I am divided about which to build first , an antenna tuner (manual) or a filter box , to use it on other bands . Both are on a list somewhere along with a few other things .

Dale has shared his AGC accessory and I think maybe two Lee's have shared their processor circuits .

These people have done an EXCELLENT job , in making them where they fit inside of the radio and its components and you can not visually see any difference to the radio.

Paul has done an excellent job of making up the cable for and explaining how to interface the SignaLink USB for digital modes .

We are blessed to have so many talented people willing to share their time and experience designing these nice little extras .

Charlie , W5COV

1832. Re: Any Digital Home brew interface operators ?? HELP NEEDED !!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-24 01:18:47 UTC
From: Paul W. Ross
Topic: 1812 Message: 1832

GREAT, simple is always good! Let us know how it works out!

73 /paul W3FIS

1833. RE: [X1M_QRP-Transceiver] 4000M+ DX on 40M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-24 02:26:34 UTC
From: Fred VE3FAL
Topic: 1828 Message: 1833

Wow excellent Dale, way to go..

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: October 23, 2013 7:03 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] 4000M+ DX on 40M

□

While I was tinkering with the AGC I happened to be tuned to CN2PM in Morocco Africa on 40M SSB running a pile up. I said "What the heck" and called him. Worked him on the first call through quite a pile up. Fun stuff.

Dale W4OP

1834. VY1MB on 10m Yukon

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-24 20:56:56 UTC
From: Charlie , W5COV
Topic: 1834 Message: 1834

Looks like 10 is open for us to work some good DX once again.

Charlie , W5COV

-------- Original Message --------
Subject: [QRP-L] VY1MB on 10m Yukon
Date: Thu, 24 Oct 2013 16:40:29 -0400
From: Ron Polityka <wb3aal@...>
To: .QRP-L <QRP-L@...>

Yahooooo!

Just worked VY1MB on 28480.3 MHz @ 20:35 UTC.

59 into EPA.

Broke thru the pileup with K2 @ 5w & beam.

72
Ron de WB3AAL

_____
QRP-L mailing list
Home: http://mailman.qth.net/mailman/listinfo/qrp-l
Help: http://mailman.qth.net/mmfaq.htm
Post: mailto:QRP-L@...

This list hosted by: http://www.qsl.net
Please help support this email list: http://www.qsl.net/donate.html

1835. My first winmor with X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-24 21:10:42 UTC
From: Steinar Aanesland
Topic: 1812 Message: 1835

Hi all,

I had my first winmor connection on 80m with my X1M pro this evening
(Connected to LA3F on 3595.000 CF).

I used my Signalink USB and my home-made cable. It worked perfectly :)

LA5VNA Steinar

1836. 30m?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-24 21:12:48 UTC
From: <ambientgoody@...>
Topic: 1836 Message: 1836

Is 30 meters reasonably possible with this radio?

1837. Re: [X1M_QRP-Transceiver] 30m?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-24 21:18:21 UTC
From: Charlie , W5COV
Topic: 1836 Message: 1837

Yes it is . I built a filter for mine and have used it there and also
built a filter for another group member for 30.

Charlie , W5COV

On 10/24/2013 4:12 PM, ambientgoody@... wrote:
>
> Is 30 meters reasonably possible with this radio?
>
>

1838. Re: [X1M_QRP-Transceiver] My first winmor with X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-24 21:20:09 UTC
From: Charlie , W5COV
Topic: 1812 Message: 1838

GREAT news Steinar !! Once I put mine all back together for the final time , I will be using the same set up.

Charlie , W5COV

On 10/24/2013 4:10 PM, Steinar Aanesland wrote:
>
>
> Hi all,
>
> I had my first winmor connection on 80m with my X1M pro this evening
> (Connected to LA3F on 3595.000 CF).
>
> I used my Signalink USB and my home-made cable. It worked perfectly :)
>
> LA5VNA Steinar
>
>

1839. Re: [X1M_QRP-Transceiver] 30m?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-24 21:35:23 UTC
From: Dale Parfitt
Topic: 1836 Message: 1839

Just add your own LPF to the output.

Dale W4OP
----- Original Message -----
From: ambientgoody@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, October 24, 2013 5:12 PM
Subject: [X1M_QRP-Transceiver] 30m?

Is 30 meters reasonably possible with this radio?

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1840. FILTERS FOR OTHER BANDS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-24 21:50:04 UTC
From: Charlie , W5COV
Topic: 1840 Message: 1840

If you want to "roll your own" , or build a kit version filter here are a couple of links for quick reference . They come from Hans Summers web page . I plan to build a box of filters with a rotary switch for the bands from
2200 meters through 12 meters . Just for the bands that are not one of the 5 bands already included in the radio.

http://www.gqrp.com/technical2.htm Good reading and values for the common bands . A handy reference.

http://www.hanssummers.com/lpfkit.html Filter "Kits" that also include 2200 meters and 600 meters .

Also here is a FREE , really great calculator for rolling your own and you can use as many or as few elements as are required . WELL worth learning to use , if you do ANY building !! http://www.aade.com/filter.htm

Insert between the radio and the antenna . Pay attention to power if you will exceed QRP levels .

Again NO FINANCIAL OR OTHER INTEREST & the first page has been around for many years and published in various publications . Just hope it will help you get even more use and enjoyment out of your radio !!

Charlie , W5COV

1841. Suggestions for LiPo battery packs and chargers (USA)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-25 05:26:16 UTC
From: <jeff@...>
Topic: 1841 Message: 1841

Hi,
I have a X1M Pro and am looking to do some portable operation. I'm in the US.

1) I'd like to get a LiPo battery pack and wall charger similar to the ones shown by VK3TWO in his videos.

2) I'd like any thoughts on a solar panel and charging set up for emergency use.

Thanks
Jeff

1842. RE: Suggestions for LiPo battery packs and chargers (USA)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-25 05:38:25 UTC
From: <droidgsm2013@...>
Topic: 1841 Message: 1842

id like to second this, I've been wondering the same

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Hi, I have a X1M Pro and am looking to do some portable operation. I'm in the US.

1) I'd like to get a LiPo battery pack and wall charger similar to the ones shown by VK3TWO in his videos.

2) I'd like any thoughts on a solar panel and charging set up for emergency use.

Thanks
Jeff

1843. Re: [X1M_QRP-Transceiver] RE: Suggestions for LiPo battery packs and chargers (USA)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-25 07:02:15 UTC
From: Charlie , W5COV
Topic: 1841 Message: 1843

I too am interested in seeing what batteries or battery packs and chargers / charging methods are being used especially by portable operators . AC Mains / Automobile Charging systems / Solar / Wind , all different methods .

Also interested in the home made antennas that are being used for lightweight portable operations .

All of my operation so far has been from one form or another of an AC Mains powered supply .

Also ANY little hints or tips / projects / products that people are adapting to use with the X1M .

Charlie , W5COV

On 10/25/2013 12:38 AM, droidgsm2013@... wrote:
>
> id like to second this, I've been wondering the same
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com,
> <x1m_qrp-transceiver@yahoogroups.com> wrote:
>
> Hi,
> I have a X1M Pro and am looking to do some portable operation. I'm
> in the US.
>
> 1) I'd like to get a LiPo battery pack and wall charger similar to the
> ones shown by VK3TWO in his videos.
>
> 2) I'd like any thoughts on a solar panel and charging set up for
> emergency use.
>
> Thanks
> Jeff
>
>
>

1844. Re: [X1M_QRP-Transceiver] RE: Suggestions for LiPo battery packs and chargers (USA)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-25 09:16:45 UTC
From: Droid Power
Topic: 1841 Message: 1844

On Fri, Oct 25, 2013 at 12:02 AM, Charlie , W5COV <cvest@...> wrote:

> **
>
>
> I too am interested in seeing what batteries or battery packs and chargers
> / charging methods are being used especially by portable operators . AC
> Mains / Automobile Charging systems / Solar / Wind , all different methods .
>
> Also interested in the home made antennas that are being used for
> lightweight portable operations .
>
> All of my operation so far has been from one form or another of an AC
> Mains powered supply .
>
> Also ANY little hints or tips / projects / products that people are
> adapting to use with the X1M .
>
> Charlie , W5COV
>
>
>
> On 10/25/2013 12:38 AM, droidgsm2013@... wrote:
>
>
>
>
> id like to second this, I've been wondering the same
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com,
> <x1m_qrp-transceiver@yahoogroups.com><x1m_qrp-transceiver@yahoogroups.com>wrote:
>
> Hi,
> I have a X1M Pro and am looking to do some portable operation. I'm in
> the US.
>
> 1) I'd like to get a LiPo battery pack and wall charger similar to the
> ones shown by VK3TWO in his videos.
>
> 2) I'd like any thoughts on a solar panel and charging set up for
> emergency use.
>
> Thanks
> Jeff

>
>
>
>
>

1845. Re: [X1M_QRP-Transceiver] RE: Suggestions for LiPo battery packs and chargers (USA)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-25 09:16:58 UTC
From: Droid Power
Topic: 1841 Message: 1845

what kind of power supply are you using, i dont know what to get

On Fri, Oct 25, 2013 at 2:16 AM, Droid Power <droidgsm2013@...> wrote:

>
>
>
> On Fri, Oct 25, 2013 at 12:02 AM, Charlie , W5COV <cvest@...> wrote:
>
>> **
>>
>>
>> I too am interested in seeing what batteries or battery packs and
>> chargers / charging methods are being used especially by portable operators
>> . AC Mains / Automobile Charging systems / Solar / Wind , all different
>> methods .
>>
>> Also interested in the home made antennas that are being used for
>> lightweight portable operations .
>>
>> All of my operation so far has been from one form or another of an AC
>> Mains powered supply .
>>
>> Also ANY little hints or tips / projects / products that people are
>> adapting to use with the X1M .
>>
>> Charlie , W5COV
>>
>>
>>
>> On 10/25/2013 12:38 AM, droidgsm2013@... wrote:
>>
>>
>>
>> id like to second this, I've been wondering the same
>>
>>
>> ---In X1M_QRP-Transceiver@yahoogroups.com,
>> <x1m_qrp-transceiver@yahoogroups.com><x1m_qrp-transceiver@yahoogroups.com>wrote:
>>
>> Hi,
>> I have a X1M Pro and am looking to do some portable operation. I'm in
>> the US.
>>

>> 1) I'd like to get a LiPo battery pack and wall charger similar to the
>> ones shown by VK3TWO in his videos.
>>
>> 2) I'd like any thoughts on a solar panel and charging set up for
>> emergency use.
>>
>> Thanks
>> Jeff
>>
>>
>>
>>
>>
>
>

1846. Re: [X1M_QRP-Transceiver] RE: Suggestions for LiPo battery packs and chargers (USA)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-25 13:01:20 UTC
From: Buddy Brannan
Topic: 1841 Message: 1846

Hi,

Here's the battery I'm using with my Elecraft KX3. While it's more expensive maybe than some might want to pay, it lasts a long time, and it's rated for like 2,000 charge/discharge cycles, and lifepo batteries have a low self discharge and deliver their full power out for a long time.
http://www.batteryspace.com/lifepo4beltbagpowerbattery128v68ah8704wh14aratefastsmartcharger.aspx

--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On Oct 25, 2013, at 5:16 AM, Droid Power <droidgsm2013@...> wrote:

>
> what kind of power supply are you using, i dont know what to get
>
>
> On Fri, Oct 25, 2013 at 2:16 AM, Droid Power <droidgsm2013@...> wrote:
>
>
>
> On Fri, Oct 25, 2013 at 12:02 AM, Charlie , W5COV <cvest@...> wrote:
>
> I too am interested in seeing what batteries or battery packs and chargers / charging methods are being used especially by portable operators . AC Mains / Automobile Charging systems / Solar / Wind , all different methods .
>
> Also interested in the home made antennas that are being used for lightweight portable operations .
>
> All of my operation so far has been from one form or another of an AC Mains powered supply .
>
> Also ANY little hints or tips / projects / products that people are adapting to use with the X1M .
>
> Charlie , W5COV
>
>
>
>
> On 10/25/2013 12:38 AM, droidgsm2013@... wrote:
>>

>> id like to second this, I've been wondering the same
>>
>>
>>
>> ---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:
>>
>> Hi,
>> I have a X1M Pro and am looking to do some portable operation. I'm in the US.
>>
>> 1) I'd like to get a LiPo battery pack and wall charger similar to the ones shown by VK3TWO in his videos.
>>
>> 2) I'd like any thoughts on a solar panel and charging set up for emergency use.
>>
>> Thanks
>> Jeff
>>
>>
>
>
>
>
>
>

1847. RE: [X1M_QRP-Transceiver] Suggestions for LiPo battery packs and chargers (USA)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-25 13:21:32 UTC
From: Lee
Topic: 1841 Message: 1847

I bought a pair of the batteries ebay item # 280955387622 and charge controller ebay item # 321133970797. I bout a pair of 10 watt 12 volt solar panels and put hinges on them so they fold like a book to protect the surfaces when stored. I’m thinking about buying a pair of 20 watt panels and do the same. Best prices I could find anywhere. Please let me know if you find cheaper and I’ll get my 20 watt panels there.

http://www.solarblvd.com/Solar-Panels-
<http://www.solarblvd.com/Solar-Panels-&-Systems-12-Volt-Solar-Panels/c1_269/index.html>
&-Systems-12-Volt-Solar-Panels/c1_269/index.html

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of jeff@luszcz.com
Sent: Friday, October 25, 2013 12:26 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Suggestions for LiPo battery packs and chargers (USA)

Hi,

I have a X1M Pro and am looking to do some portable operation. I'm in the US.

1) I'd like to get a LiPo battery pack and wall charger similar to the ones shown by VK3TWO in his videos.

2) I'd like any thoughts on a solar panel and charging set up for emergency use.

Thanks

Jeff

1848. Re: [X1M_QRP-Transceiver] Suggestions for LiPo battery packs and chargers (USA)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-25 13:40:18 UTC
From: Dale Parfitt
Topic: 1841 Message: 1848

I would just caution those that are interested in solar panels that there are at least two main constructions-
monocrystalline and amorphous. A lot of the inexpensive panels are amorphous. The downside of these panels is that the efficiency declines with time.
Depending on your use, you may be better off to pay a bit more and buy the crystalline structure panels.

Dale W4OP

From: Lee
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, October 25, 2013 9:21 AM
Subject: RE: [X1M_QRP-Transceiver] Suggestions for LiPo battery packs and chargers (USA)

I bought a pair of the batteries ebay item # 280955387622 and charge controller ebay item # 321133970797. I bout a pair of 10 watt 12 volt solar panels and put hinges on them so they fold like a book to protect the surfaces when stored. I’m thinking about buying a pair of 20 watt panels and do the same. Best prices I could find anywhere. Please let me know if you find cheaper and I’ll get my 20 watt panels there.

http://www.solarblvd.com/Solar-Panels-&-Systems-12-Volt-Solar-Panels/c1_269/index.html

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of jeff@...
Sent: Friday, October 25, 2013 12:26 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Suggestions for LiPo battery packs and chargers (USA)

Hi,

I have a X1M Pro and am looking to do some portable operation. I'm in the US.

1) I'd like to get a LiPo battery pack and wall charger similar to the ones shown by VK3TWO in his videos.

2) I'd like any thoughts on a solar panel and charging set up for emergency use.

Thanks

Jeff

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1849. Great Timing

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-25 18:13:41 UTC
From: Mel Sojka
Topic: 1849 Message: 1849

The first Pro had a severe audio problem. Sometimes there was very
little audio and sometimes none at all. I was hoping for the replacement
to make it before CQWW SSB and got it today. Sitting on 28.380 with a
5/8 wave Vertical at about 8 meters up and NC from 6 Land is more that I
can stand now if I can be heard???

--
System Janitor/Network Plumber http://www.nwla.com
Linux User #25446 Linux 2.6.32

1850. RE: [X1M_QRP-Transceiver] Great Timing

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-25 18:22:34 UTC
From: Fred VE3FAL
Topic: 1849 Message: 1850

Here a net on 28.380 now....

Fred
VE3FAL

-----Original Message-----
From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Mel Sojka
Sent: October 25, 2013 2:14 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Great Timing

The first Pro had a severe audio problem. Sometimes there was very little
audio and sometimes none at all. I was hoping for the replacement to make it
before CQWW SSB and got it today. Sitting on 28.380 with a
5/8 wave Vertical at about 8 meters up and NC from 6 Land is more that I can
stand now if I can be heard???

--
System Janitor/Network Plumber http://www.nwla.com
Linux User #25446 Linux 2.6.32

Yahoo! Groups Links

1851. RE: [X1M_QRP-Transceiver] Great Timing

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-25 18:27:29 UTC
From: Fred VE3FAL
Topic: 1849 Message: 1851

That is the X-X net..I am #58940......

Go figure....

Fred
VE3FAL

-----Original Message-----
From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Mel Sojka
Sent: October 25, 2013 2:14 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Great Timing

The first Pro had a severe audio problem. Sometimes there was very little
audio and sometimes none at all. I was hoping for the replacement to make it
before CQWW SSB and got it today. Sitting on 28.380 with a
5/8 wave Vertical at about 8 meters up and NC from 6 Land is more that I can
stand now if I can be heard???

--
System Janitor/Network Plumber http://www.nwla.com
Linux User #25446 Linux 2.6.32

Yahoo! Groups Links

1852. Re: [X1M_QRP-Transceiver] Great Timing

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-25 19:10:48 UTC
From: Mel Sojka
Topic: 1849 Message: 1852

Well I am the President of that outfit, BTW I spoke a bit to soon. Went to lunch came back and now have no audio. Something amiss for it to be so good one time and now after 20 tries I can sometimes get muffled audio and very very light. Something amiss time to look inside.

Anyone with experience with that problem drop me a note. I started with a HW101 I don't plan to be broken by this little thing.
Mel

--
System Janitor/Network Plumber http://www.nwla.com
Linux User #25446 Linux 2.6.32

1853. RE: Suggestions for LiPo battery packs and chargers (USA)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-25 21:18:30 UTC
From: <ianrob@...>
Topic: 1841 Message: 1853

I'm just about to finish a "project box" and will post details and a photo when I have completed and tested it. It contains a PC power supply for mains operation, a 12V lead acid battery (I already had this so didn't want to buy a LiPo and additional charger,) my X1M , and an MFJ-971 antenna Tuner/SWR meter. It has the facility to charge the battery by solar panel or battery charger. I wanted something I could use on the bench at home, or take in our caravan for portable use. My portable antenna is an end fed wire antenna mounted vertically on a 10 metre fibreglass squid pole. I hope to have this completed and tested within the next 2 weeks and will advise outcomes... positive or negative then.
Ian VK3YIC

---In x1m_qrp-transceiver@yahoogroups.com, <jeff@...> wrote:

Hi, I have a X1M Pro and am looking to do some portable operation. I'm in the US.

1) I'd like to get a LiPo battery pack and wall charger similar to the ones shown by VK3TWO in his videos.

2) I'd like any thoughts on a solar panel and charging set up for emergency use.

Thanks
Jeff

1854. Re: [X1M_QRP-Transceiver] Great Timing

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-25 21:32:38 UTC
From: Mel Sojka
Topic: 1849 Message: 1854

I have discovered a symptom that may be firmware related. If I turn the X1M off for about 10 minutes and turn it back on it comes on with audio. But otherwise if I attempt to recycle I get a display flash and then the display lights on and but no audio. Once this event occurs then I have to turn it off and wait several minutes. I have yet to remove and reinstall the front panel.

Mel

--
System Janitor/Network Plumber http://www.nwla.com
Linux User #25446 Linux 2.6.32

1855. Re: [X1M_QRP-Transceiver] RE: Suggestions for LiPo battery packs and chargers (USA)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-25 21:56:44 UTC
From: Charlie , W5COV
Topic: 1841 Message: 1855

My power supply that I carry to the motel with me came out of my junk box . It is a linear 2 AMP Motorola Wal Wart style supply . It was originally part of a rack mounted HT's charging station .

Charlie , W5COV

On 10/25/2013 4:16 AM, Droid Power wrote:
> what kind of power supply are you using, i dont know what to get
>
>
> On Fri, Oct 25, 2013 at 2:16 AM, Droid Power <droidgsm2013@...
> <mailto:droidgsm2013@...>> wrote:
>
>
>
>
> On Fri, Oct 25, 2013 at 12:02 AM, Charlie , W5COV <cvest@...
> <mailto:cvest@...>> wrote:
>
> I too am interested in seeing what batteries or battery packs
> and chargers / charging methods are being used especially by
> portable operators . AC Mains / Automobile Charging systems /
> Solar / Wind , all different methods .
>
> Also interested in the home made antennas that are being used
> for lightweight portable operations .
>
> All of my operation so far has been from one form or another
> of an AC Mains powered supply .
>
> Also ANY little hints or tips / projects / products that
> people are adapting to use with the X1M .
>
> Charlie , W5COV
>
>
>
>
>
> On 10/25/2013 12:38 AM, droidgsm2013@...
> <mailto:droidgsm2013@...> wrote:
>>
>> id like to second this, I've been wondering the same
>>
>>

>>
>> ---In X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>,
>> <x1m_qrp-transceiver@yahoogroups.com>
>> <mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:
>>
>> Hi,
>> I have a X1M Pro and am looking to do some portable
>> operation. I'm in the US.
>>
>> 1) I'd like to get a LiPo battery pack and wall charger
>> similar to the ones shown by VK3TWO in his videos.
>>
>> 2) I'd like any thoughts on a solar panel and charging set up
>> for emergency use.
>>
>> Thanks
>> Jeff
>>
>>
>
>
>
>

1856. RE: Suggestions for LiPo battery packs and chargers (USA)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-25 23:40:14 UTC
From: <lphebus@...>
Topic: 1841 Message: 1856

I saw a good review of these in Popular Communications

http://www.daysaver.com/ProductDetails.aspx?pid=8fbfe091-c5f0-4287-ba84-97aee18d077f
http://www.daysaver.com/ProductDetails.aspx?pid=8fbfe091-c5f0-4287-ba84-97aee18d077f

Expensive but only 2 pounds for a 14 AmpHr 12 volt rechargeable with a lithium-based chemistry that won't catch fire. Similar SLAs would weigh maybe 14 pounds. Very soon they will also sell a 19 AmpHr ~7 pound version with fast recharging. Both can be recharged with regular 12 volt chargers and solar charge controllers (so the manufacturer told me).

---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

My power supply that I carry to the motel with me came out of my junk box . It is a linear 2 AMP Motorola Wal Wart style supply . It was originally part of a rack mounted HT's charging station .

Charlie , W5COV

On 10/25/2013 4:16 AM, Droid Power wrote:

what kind of power supply are you using, i dont know what to get

On Fri, Oct 25, 2013 at 2:16 AM, Droid Power <droidgsm2013@... mailto:droidgsm2013@...> wrote:

On Fri, Oct 25, 2013 at 12:02 AM, Charlie , W5COV <cvest@... mailto:cvest@...> wrote:
I too am interested in seeing what batteries or battery packs and chargers / charging methods are being used especially by portable operators . AC Mains / Automobile Charging systems / Solar / Wind , all different methods .

Also interested in the home made antennas that are being used for lightweight portable operations .

All of my operation so far has been from one form or another of an AC Mains powered supply .

Also ANY little hints or tips / projects / products that people are adapting to use with the X1M .

Charlie , W5COV

On 10/25/2013 12:38 AM, droidgsm2013@... mailto:droidgsm2013@... wrote:

id like to second this, I've been wondering the same

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> mailto:x1m_qrp-transceiver@yahoogroups.com wrote:

Hi, I have a X1M Pro and am looking to do some portable operation. I'm in the US.

1) I'd like to get a LiPo battery pack and wall charger similar to the ones shown by VK3TWO in his videos.

2) I'd like any thoughts on a solar panel and charging set up for emergency use.

Thanks
Jeff

1857. Re: [X1M_QRP-Transceiver] RE: Suggestions for LiPo battery packs and chargers (USA)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 00:33:58 UTC
From: Droid Power
Topic: 1841 Message: 1857

so a wall wart is fine? doesnt add too much noise?

On Fri, Oct 25, 2013 at 4:40 PM, <lphebus@...> wrote:

> **
>
>
> I saw a good review of these in Popular Communications
>
>
>
> http://www.daysaver.com/ProductDetails.aspx?pid=8fbfe091-c5f0-4287-ba84-97aee18d077f
>
>
> Expensive but only 2 pounds for a 14 AmpHr 12 volt rechargeable with a
> lithium-based chemistry that won't catch fire. Similar SLAs would weigh
> maybe 14 pounds. Very soon they will also sell a 19 AmpHr ~7 pound version
> with fast recharging. Both can be recharged with regular 12 volt chargers
> and solar charge controllers (so the manufacturer told me).
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:
>
> My power supply that I carry to the motel with me came out of my junk box
> . It is a linear 2 AMP Motorola Wal Wart style supply . It was originally
> part of a rack mounted HT's charging station .
>
> Charlie , W5COV
>
>
> On 10/25/2013 4:16 AM, Droid Power wrote:
>
>
> what kind of power supply are you using, i dont know what to get
>
>
> On Fri, Oct 25, 2013 at 2:16 AM, Droid Power <droidgsm2013@...> wrote:
>
>
>
>
> On Fri, Oct 25, 2013 at 12:02 AM, Charlie , W5COV <cvest@...> wrote:
>
>

>
> I too am interested in seeing what batteries or battery packs and chargers
> / charging methods are being used especially by portable operators . AC
> Mains / Automobile Charging systems / Solar / Wind , all different methods .
>
> Also interested in the home made antennas that are being used for
> lightweight portable operations .
>
> All of my operation so far has been from one form or another of an AC
> Mains powered supply .
>
> Also ANY little hints or tips / projects / products that people are
> adapting to use with the X1M .
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> Charlie , W5COV
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> On 10/25/2013 12:38 AM, droidgsm2013@... wrote:
>
>
>
> id like to second this, I've been wondering the same
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com,
> <x1m_qrp-transceiver@yahoogroups.com><x1m_qrp-transceiver@yahoogroups.com>wrote:
>
> Hi,
> I have a X1M Pro and am looking to do some portable operation. I'm in
> the US.
>
> 1) I'd like to get a LiPo battery pack and wall charger similar to the
> ones shown by VK3TWO in his videos.
>
> 2) I'd like any thoughts on a solar panel and charging set up for
> emergency use.
>
> Thanks
> Jeff
>
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>

1858. Re: [X1M_QRP-Transceiver] RE: Suggestions for LiPo battery packs and chargers (USA)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 00:46:26 UTC
From: Charlie , W5COV
Topic: 1841 Message: 1858

Mine is a linear device and I have had no problems at all with noise . I haven't tried a switching supply yet , but suspect that it will require some additional filtering . Mine is also 2 Amps .

I got lucky the first power supply that I pulled out of my "junk box" was the correct ratings and even had the correct plug on it !!

I am not sure how large of switching supplies that I have around here in my Wal Wart or (laptop) computer power supply box .

I am pretty sure some list members have done a little conversion on a switching type and are using it with success .

John , can you add your input on this , since I think you use a modified switching supply ?

Charlie , W5COV

On 10/25/2013 7:33 PM, Droid Power wrote:
> so a wall wart is fine? doesnt add too much noise?
>
>
> On Fri, Oct 25, 2013 at 4:40 PM, <lphebus@...
> <mailto:lphebus@...>> wrote:
>
> I saw a good review of these in Popular Communications
>
>
> http://www.daysaver.com/ProductDetails.aspx?pid=8fbfe091-c5f0-4287-ba84-97aee18d077f
>
>
> Expensive but only 2 pounds for a 14 AmpHr 12 volt rechargeable
> with a lithium-based chemistry that won't catch fire. Similar
> SLAs would weigh maybe 14 pounds. Very soon they will also sell a
> 19 AmpHr ~7 pound version with fast recharging. Both can be
> recharged with regular 12 volt chargers and solar charge
> controllers (so the manufacturer told me).
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com
> <mailto:x1m_qrp-transceiver@yahoogroups.com>, <cvest@...> wrote:
>
> My power supply that I carry to the motel with me came out of my
> junk box . It is a linear 2 AMP Motorola Wal Wart style supply .

> It was originally part of a rack mounted HT's charging station .
>
> Charlie , W5COV
>
>
> On 10/25/2013 4:16 AM, Droid Power wrote:
>
>> what kind of power supply are you using, i dont know what to get
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>>
>> On Fri, Oct 25, 2013 at 2:16 AM, Droid Power
>> <droidgsm2013@... <mailto:droidgsm2013@...>> wrote:
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>>
>>
>>
>> On Fri, Oct 25, 2013 at 12:02 AM, Charlie , W5COV
>> <cvest@... <mailto:cvest@...>> wrote:
>>
>> I too am interested in seeing what batteries or
>> battery packs and chargers / charging methods are
>> being used especially by portable operators . AC
>> Mains / Automobile Charging systems / Solar / Wind ,
>> all different methods .
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>> Also interested in the home made antennas that are
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>> All of my operation so far has been from one form or
>> another of an AC Mains powered supply .
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>> Also ANY little hints or tips / projects / products
>> that people are adapting to use with the X1M .
>>
>> Charlie , W5COV
>>
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>> On 10/25/2013 12:38 AM, droidgsm2013@...
>> <mailto:droidgsm2013@...> wrote:
>>>
>>> id like to second this, I've been wondering the same
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>>>
>>>
>>> ---In X1M_QRP-Transceiver@yahoogroups.com
>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>,
>>> <x1m_qrp-transceiver@yahoogroups.com>
>>> <mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:

>>>
>>> Hi,
>>> I have a X1M Pro and am looking to do some
>>> portable operation. I'm in the US.
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>>> 1) I'd like to get a LiPo battery pack and wall
>>> charger similar to the ones shown by VK3TWO in his
>>> videos.
>>>
>>> 2) I'd like any thoughts on a solar panel and
>>> charging set up for emergency use.
>>>
>>> Thanks
>>> Jeff
>>>
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>

1859. SSB output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 09:04:44 UTC
From: Victor Schensnovich
Topic: 1859 Message: 1859

Hi friends, I got my X1M Pro. In CW I have aout 5 watts, but in SSB only 100-200 mw. Maybe, I need adjust microphone gain inside?
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

1860. RE: SSB output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 10:24:41 UTC
From: <andreas.fuehrmann@...>
Topic: 1859 Message: 1860

Hello Victor, had the same problem, when I got my new rig. Had to adjust mic gain and everything was fine. When the radio was open I did the audio mod, too.

Andy, DC3AFA

1861. New Firmware: Serial Number disappears?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 10:56:52 UTC
From: <krtdowns@...>
Topic: 1861 Message: 1861

I've been out of the loop for a while- my wife broke her leg and I've been doing "honey-do's". Just updated firmware Thursday and have played with it some. Nice! When I press and hold F5 I get the info about version number, etc, but no serial number for the radio. Has this information been deleted ? Is it found elsewhere? I will put a sticker on the back of my X1M to brand it as mine, but I liked having the serial # in firmware. Have I missed something? Thanks.
Ken, W1KRT X1M 41

1862. Re: [X1M_QRP-Transceiver] RE: SSB output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 12:00:37 UTC
From: Victor Schensnovich
Topic: 1859 Message: 1862

Ok, Andy. I did now the same. The power grows up, but about 1-1.5 watts on 20m. I am CW man and I do not understand pep power. Maybe, it is normal.
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

andreas.fuehrmann@... wrote:

Hello Victor, had the same problem, when I got my new rig. Had to adjust mic gain and everything was fine. When the radio was open I did the audio mod, too.

Andy, DC3AFA

1863. Firmware

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 12:05:26 UTC
From: Victor Schensnovich
Topic: 1863 Message: 1863

I updated my X1M Pro for latest firmware. It is better than before, but internal electronic keyer works not perfect. It looks, like delay between letters.
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

1864. Article/review

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 13:25:40 UTC
From: <deadgoose@...>
Topic: 1864 Message: 1864

Review and article on the X1M in the November issue of the on-line journal "The K9YA Telegraph." Subscription is free.

73 /paul W3FIS

1865. Re: [X1M_QRP-Transceiver] SSB output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 14:21:36 UTC
From: Dale Parfitt
Topic: 1859 Message: 1865

Likely yes, and also you must use a peak reading wattmeter for SSB.

Dale W4OP
----- Original Message -----
From: Victor Schensnovich
To: x1m_qrp-transceiver@yahoogroups.com
Sent: Saturday, October 26, 2013 5:04 AM
Subject: [X1M_QRP-Transceiver] SSB output

Hi friends, I got my X1M Pro. In CW I have aout 5 watts, but in SSB only 100-200 mw. Maybe, I need adjust microphone gain inside?
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1866. Layout

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 14:25:59 UTC
From: Mel Sojka
Topic: 1866 Message: 1866

I finally got the rig disassembled no markings at all on the top board.
The I have located the LM380 but need the location or maybe or even the
value of R63C.
Mel

--
System Janitor/Network Plumber http://www.nwla.com
Linux User #25446 Linux 2.6.32

1867. Re: [X1M_QRP-Transceiver] New Firmware: Serial Number disappears?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 14:25:15 UTC
From: Dale Parfitt
Topic: 1861 Message: 1867

Correct- for some odd reason the SN is no more.

Dale W4OP
----- Original Message -----
From: krtdowns@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, October 26, 2013 6:56 AM
Subject: [X1M_QRP-Transceiver] New Firmware: Serial Number disappears?

I've been out of the loop for a while- my wife broke her leg and I've been doing "honey-do's". Just updated firmware Thursday and have played with it some. Nice! When I press and hold F5 I get the info about version number, etc, but no serial number for the radio. Has this information been deleted ? Is it found elsewhere? I will put a sticker on the back of my X1M to brand it as mine, but I liked having the serial # in firmware. Have I missed something? Thanks.
Ken, W1KRT X1M 41

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3609/6738 - Release Date: 10/10/13

1868. Re: [X1M_QRP-Transceiver] Layout

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 14:46:16 UTC
From: Dale Parfitt
Topic: 1866 Message: 1868

Are you referring to the audio gain mod? On my schematic it is labled R80C- but there may be more than one schematic out there. The value is 1K- it is on the bottom of the top board. Use an multimeter to confirm its connection to Pin 1 of the LM386. It is easiest to place your jumper from Pin 1 to the (+) side of the electrolytic which is C155C on my PRO schematic.

Dale W4OP

----- Original Message -----
From: Mel Sojka
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, October 26, 2013 10:25 AM
Subject: [X1M_QRP-Transceiver] Layout

I finally got the rig disassembled no markings at all on the top board.
The I have located the LM380 but need the location or maybe or even the
value of R63C.
Mel

--
System Janitor/Network Plumber http://www.nwla.com
Linux User #25446 Linux 2.6.32

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1869. AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 15:03:51 UTC
From: <parinc1@...>
Topic: 775 Message: 1869

Our boards got delayed by a day- this means the weekend in this case.

For those that will be ordering:

1. The parts are all SMD; 0805 size so easy to work with.

2. You will need a pair of excellent quality flush cutters to be able to cut and lift Pin 5 of the MC1350. Don't try this with a poor quality pair of cutters or you will end up replacing the IC.

3. You must first do the 12dB audio gain Mod I described several months ago.

4. The only item not included in the kit is a small piece of double sided foam tape- Lowe's and Home Depot both carry it here in the states.

5. I am working on the short manual and will post it as soon as I can.

6. I went from a quad op amp IC to a dual op amp IC so the S meter will have to wait although the connection we need to the outside world is available on the board.

7. Some may be uncomfortable with SMD building. If there are builders willing to assemble the board, let's post to the Group. But also be aware that installing the AGC board also requires expertise working with small spaces and components.

73,

Dale W4OP

1870. CW

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 15:07:26 UTC
From: Victor Schensnovich
Topic: 1664 Message: 1870

I noticed one more bad thing. When I started to transmit, first dot or dash is disapeared, and now, I start transmit with letter "r" - is not convinient. Maybe, it is possible to increase time of delay T/R?
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

1871. Re: [X1M_QRP-Transceiver] Layout

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 15:11:55 UTC
From: Mel Sojka
Topic: 1866 Message: 1871

Thanks Dale well my board is quite different it is rev 3.01b and the 1K resistor is a micro device and thanks for the meter hint. At my age no way I could read that thing.

Mel

--
System Janitor/Network Plumber http://www.nwla.com
Linux User #25446 Linux 2.6.32

1872. Re: [X1M_QRP-Transceiver] Layout

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 15:13:50 UTC
From: Dale Parfitt
Topic: 1866 Message: 1872

Same version as mine. The resistor appears to be an 0805- considered large by today's SMD standards.

Dale W4OP
----- Original Message -----
From: Mel Sojka
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: Dale Parfitt
Sent: Saturday, October 26, 2013 11:11 AM
Subject: Re: [X1M_QRP-Transceiver] Layout

Thanks Dale well my board is quite different it is rev 3.01b and the 1K resistor is a micro device and thanks for the meter hint. At my age no way I could read that thing.

Mel

--
System Janitor/Network Plumber http://www.nwla.com
Linux User #25446 Linux 2.6.32

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1873. X1M Keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 16:57:01 UTC
From: <parinc1@...>
Topic: 1461 Message: 1873

I just added a photo in my W4OP album of a digital scope capture of the X1M Keyer with the latest firmware upgrade. Capture is sending the letter V. Keying looks perfect. I think they may have added in character spacing (not requested) but I don't find it to be an issue. The dot/dash memory works perfectly- thank you.

Dale W4OP

1874. X1M AND AN EXTERNAL SPEAKER

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 18:02:26 UTC
From: <parinc1@...>
Topic: 1874 Message: 1874

Although I sometimes use headphones, more often I am in the shop and listening to the X1M via its little speaker. Plugging an external speaker ito the headphone jack results in very very low audio.
There is a 100Ohm resistor in series with the headphone jack. It is easy to find and instead of shorting the resistor, you can easily short the two pins that connect it to the headphone jack. On the top PCB, right in front of the headphone jack you will see the SMD resistor (marked 101) and right behind the resistor two of the pins for the headphone socket. There area total of four pins- grouped in two sets of two. You want the right hand pair. Solder a small wire across those two pins and you can now use an external speaker or headphones.
Be sure to ALWAYS use a stereo plug in that jack or you may short the audio output to GND.
I am adding a highlighted file to my Photo Album= W4OP

I use a small Bose hifi speaker and the X1M audio is fabulous.
Enjoy,

Dale W4OP

1875. Fwd: [QRP-L] 10 meter Phone is hpping

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 19:33:12 UTC
From: Charlie , W5COV
Topic: 1875 Message: 1875

Forwarded from the QRP group !!

-------- Original Message --------
Subject: [QRP-L] 10 meter Phone is hpping
Date: Sat, 26 Oct 2013 14:10:15 -0400
From: Hank Greeb <n8xx@...>
To: QRP-L <qrp-l@...>

Band is "wall to wall and treetop tall" from 28.3 to above 28.7 MHz with
CQ WW.

24 suckers answered me in about 50 minutes, in 9 zones and 14 countries.

Not bad for 5 watts to a wet noodle antenna.

Try it, you might like it. (And I rarely bother with Silly Side Band :)

72/73 de n8xx Hg
QRP >99.44% of the time

_____
QRP-L mailing list
Home: http://mailman.qth.net/mailman/listinfo/qrp-l
Help: http://mailman.qth.net/mmfaq.htm
Post: mailto:QRP-L@...

This list hosted by: http://www.qsl.net
Please help support this email list: http://www.qsl.net/donate.html

1876. Fwd: CW

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 21:47:35 UTC
From: Victor Schensnovich
Topic: 1876 Message: 1876

--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

Victor Schensnovich <ua1cex@...> wrote:

Hi Dale W4OP. Ed told me that you tested X1M Pro after latest update and CW works ok. But I have a problem. When I start to transmit first dot or dash is not going to the air and my callsign looks like aa1cex instead of ua1cex. When relay T/R in the transmit position then all ok. Sidetone all the time is ok. Looks so relay goes to transmit with short delay.
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

1877. CW

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 21:44:17 UTC
From: Victor Schensnovich
Topic: 1664 Message: 1877

Hi Dale W4OP. Ed told me that you tested X1M Pro after latest update and CW works ok. But I have a problem. When I start to transmit first dot or dash is not going to the air and my callsign looks like aa1cex instead of ua1cex. When relay T/R in the transmit position then all ok. Sidetone all the time is ok. Looks so relay goes to transmit with short delay.
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

1878. Where/how can I purchase a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 22:30:23 UTC
From: <k3eax@...>
Topic: 1878 Message: 1878

Hi I'm new to the group and would like to know how I can purchase one that has been assembled. I would prefer a U.S. based source.

Al in Philadelphia

1879. Re: [X1M_QRP-Transceiver] Where/how can I purchase a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-26 22:42:19 UTC
From: Charlie , W5COV
Topic: 1878 Message: 1879

Ed at Import Communications , is the USA Distributor .
www.importcommunications.com very good service !!

ALL USA models are full assembled and ready to operate out of the box .
Occasional firmware updates are available for it , so I STRONGLY
recommend buying one of Ed's new interface cables also !!

Charlie , W5COV

On 10/26/2013 5:30 PM, k3eax@... wrote:
>
> Hi I'm new to the group and would like to know how I can purchase one
> that has been assembled. I would prefer a U.S. based source.
>
> Al in Philadelphia
>
>

1880. i saw something about AGC Boards is there anyway to build tuner boards

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 02:09:39 UTC
From: <droidgsm2013@...>
Topic: 1880 Message: 1880

The only thing i really wish this read had a tuner or at least an SWR meter, is there anyway to mod that in somehow?

1881. JT65

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 13:52:36 UTC
From: Victor Schensnovich
Topic: 1881 Message: 1881

Hi friends, who knows, how to connect computer with x1m by usb-com cabel directly or through special cabel db9? I tried the second one, but no tx. I wrote a number of com port in settings.
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

1882. RE: Where/how can I purchase a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 14:51:44 UTC
From: <mark-yahoo@...>
Topic: 1878 Message: 1882

Are there any China distributors selling this or is this a "Ed" only product? I googled but I do not see much activity other than Ed's place. Is the radio going by another name?

ps: I am not in the US

---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

Ed at Import Communications , is the USA Distributor . www.importcommunications.com http://www.importcommunications.com very good service !!

ALL USA models are full assembled and ready to operate out of the box . Occasional firmware updates are available for it , so I STRONGLY recommend buying one of Ed's new interface cables also !!

Charlie , W5COV

On 10/26/2013 5:30 PM, k3eax@... mailto:k3eax@... wrote:

Hi I'm new to the group and would like to know how I can purchase one that has been assembled. I would prefer a U.S. based source.

Al in Philadelphia

1883. RE: [X1M_QRP-Transceiver] JT65

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 14:55:52 UTC
From: Lee
Topic: 1881 Message: 1883

There is a user guide in the Manuals section of the Files. There is a lot of good info there.

Lee – N9LO

Sent from my Windows PC, a real computer.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Victor Schensnovich
Sent: Sunday, October 27, 2013 8:53 AM
To: x1m_qrp-transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] JT65

Hi friends, who knows, how to connect computer with x1m by usb-com cabel directly or through special cabel db9? I tried the second one, but no tx. I wrote a number of com port in settings.
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

1884. Re: i saw something about AGC Boards is there anyway to build tuner boar

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 16:29:14 UTC
From: Paul W. Ross
Topic: 1884 Message: 1884

That SWR bridge from QRPKits is pretty small. They also have some small tuners worth looking at.

73 /paul W3FIS

1885. Re: [X1M_QRP-Transceiver] RE: Where/how can I purchase a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 17:23:27 UTC
From: Charlie , W5COV
Topic: 1878 Message: 1885

None I know of from China . But not an Ed only product either .
On 10/27/2013 9:51 AM, mark-yahoo@... wrote:
>
> Are there any China distributors selling this or is this a "Ed" only
> product? I googled but I do not see much activity other than Ed's
> place. Is the radio going by another name?
>
>
> ps: I am not in the US
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:
>
> Ed at Import Communications , is the USA Distributor .
> www.importcommunications.com <http://www.importcommunications.com>
> very good service !!
>
> ALL USA models are full assembled and ready to operate out of the box
> . Occasional firmware updates are available for it , so I STRONGLY
> recommend buying one of Ed's new interface cables also !!
>
> Charlie , W5COV
>
> On 10/26/2013 5:30 PM, k3eax@... <mailto:k3eax@...> wrote:
>
>> Hi I'm new to the group and would like to know how I can purchase
>> one that has been assembled. I would prefer a U.S. based source.
>>
>> Al in Philadelphia
>>
>
>

1886. Re: [X1M_QRP-Transceiver] Re: i saw something about AGC Boards is there anyway to build tuner boar

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 17:43:05 UTC
From: Dale Parfitt
Topic: 1884 Message: 1886

There is no room for anything like a bridge, tuner or the controls to operate them. I found the exact same cabinet as the X1M is available on eBay, so anyone could design their own power supplies, hi fi speakers, DSP, tuners etc.

My personal preference on tuners has always been to design antennas that do not require a tuner, its attendant losses, size, weight, cost and complexity.

Dale W4OP

----- Original Message -----
From: Paul W. Ross
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, October 27, 2013 12:29 PM
Subject: [X1M_QRP-Transceiver] Re: i saw something about AGC Boards is there anyway to build tuner boar

That SWR bridge from QRPKits is pretty small. They also have some small
tuners worth looking at.

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1887. Re: [X1M_QRP-Transceiver] Re: i saw something about AGC Boards is there anyway to build tuner boar

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 18:16:56 UTC
From: Droid Power
Topic: 1884 Message: 1887

well still even if you have an antenna that doesnt need a tuner you need to figure out what the SWR is to make sure your putting out all the power you can

On Sun, Oct 27, 2013 at 10:43 AM, Dale Parfitt <parinc1@...> wrote:

> **
>
>
> **
> There is no room for anything like a bridge, tuner or the controls to
> operate them. I found the exact same cabinet as the X1M is available on
> eBay, so anyone could design their own power supplies, hi fi speakers, DSP,
> tuners etc.
>
> My personal preference on tuners has always been to design antennas that
> do not require a tuner, its attendant losses, size, weight, cost and
> complexity.
>
> Dale W4OP
>
>
>
> ----- Original Message -----
> *From:* Paul W. Ross <deadgoose@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Sunday, October 27, 2013 12:29 PM
> *Subject:* [X1M_QRP-Transceiver] Re: i saw something about AGC Boards is
> there anyway to build tuner boar
>
>
>
> That SWR bridge from QRPKits is pretty small. They also have some small
> tuners worth looking at.
>
> 73 /paul W3FIS
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13
>
>
>

1888. Re: [X1M_QRP-Transceiver] Re: i saw something about AGC Boards is there anyway to build tuner boar

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 18:35:45 UTC
From: Charlie , W5COV
Topic: 1884 Message: 1888

SWR is a subject that can be discussed all day on here and not everyone will agree at the end of the day . Too many variables to consider . For the first at least 10 years of my nearly half century ham career I didn't even own an SWR bridge and neither did any operator in town that I knew !! Get a nice sharp dip on the plate and the rig loaded to the antenna and we managed to work the world without a SWR bridge . Ever turned your present one around in the line to see just how linear it is ??

Dale is a well know antenna designer and builder here in the USA . I have one of his unique designs here , an Omniangle on 17 meters . It replaced a G5RV dipole . Look at the gain figures on his antenna and you will certainly be confused if you read antenna manufacturers bloated figures often referenced to a wet noodle or something they never tell you about .

His antenna performs flawlessly ,I have added several new countries in the short time that I have had it and the really nice thing is it is an omni directional horizontal !! No need to worry about a rotor quitting or freezing up in the winter. One person can put it up and only takes minutes and a phillips screwdriver to assemble !!

Charlie , W5COV

On 10/27/2013 1:16 PM, Droid Power wrote:
> well still even if you have an antenna that doesnt need a tuner you
> need to figure out what the SWR is to make sure your putting out all
> the power you can
>
>
> On Sun, Oct 27, 2013 at 10:43 AM, Dale Parfitt <parinc1@...
> <mailto:parinc1@...>> wrote:
>
> There is no room for anything like a bridge, tuner or the controls
> to operate them. I found the exact same cabinet as the X1M is
> available on eBay, so anyone could design their own power
> supplies, hi fi speakers, DSP, tuners etc.
> My personal preference on tuners has always been to design
> antennas that do not require a tuner, its attendant losses, size,
> weight, cost and complexity.
> Dale W4OP
>
> ----- Original Message -----
> *From:* Paul W. Ross <mailto:deadgoose@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>

> *Sent:* Sunday, October 27, 2013 12:29 PM
> *Subject:* [X1M_QRP-Transceiver] Re: i saw something about AGC
> Boards is there anyway to build tuner boar
>
> That SWR bridge from QRPKits is pretty small. They also have
> some small
> tuners worth looking at.
>
> 73 /paul W3FIS
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3615/6783 - Release
> Date: 10/26/13
>
>
>

1889. X1M-AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 18:39:22 UTC
From: Hans H Vollmer
Topic: 1889 Message: 1889
Attachments: 1 described; binary payloads are missing from this source WARC

Hi, X1M-Freaks,
today i've implemented an AGC with the schematic from Dale, W4OP.
I changed the following parts: C3 and C4 into 3,3µF and R4 into 470 kOhm.
With the original C3 and R4 the AGC was too slow for me.

I used a little prototype board and standard SMD-parts.
The AGC works good, I could test it in CQWWDX today

with the big guns from Europe, hi.
I've attached a photo.

73s from Germany

Hans, DF5SR

1890. Re: [X1M_QRP-Transceiver] Re: i saw something about AGC Boards is there anyway to build tuner boar

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 19:15:15 UTC
From: Droid Power
Topic: 1884 Message: 1890

but thats exactly the problem this rig has no way of knowing what is going on. SWR wasnt critical on a tube rig but solid state design are picky because of their nature the reality is if you are reflecting 5 watts then you are going no where. The problem for this rig is finding out if you are reflect all your power back

On Sun, Oct 27, 2013 at 11:35 AM, Charlie , W5COV <cvest@...> wrote:

> **
>
>
> SWR is a subject that can be discussed all day on here and not everyone
> will agree at the end of the day . Too many variables to consider . For the
> first at least 10 years of my nearly half century ham career I didn't even
> own an SWR bridge and neither did any operator in town that I knew !! Get a
> nice sharp dip on the plate and the rig loaded to the antenna and we
> managed to work the world without a SWR bridge . Ever turned your present
> one around in the line to see just how linear it is ??
>
> Dale is a well know antenna designer and builder here in the USA . I have
> one of his unique designs here , an Omniangle on 17 meters . It replaced a
> G5RV dipole . Look at the gain figures on his antenna and you will
> certainly be confused if you read antenna manufacturers bloated figures
> often referenced to a wet noodle or something they never tell you about .
>
> His antenna performs flawlessly ,I have added several new countries in the
> short time that I have had it and the really nice thing is it is an omni
> directional horizontal !! No need to worry about a rotor quitting or
> freezing up in the winter. One person can put it up and only takes minutes
> and a phillips screwdriver to assemble !!
>
> Charlie , W5COV
>
>
> On 10/27/2013 1:16 PM, Droid Power wrote:
>
>
> well still even if you have an antenna that doesnt need a tuner you need
> to figure out what the SWR is to make sure your putting out all the power
> you can
>
>
> On Sun, Oct 27, 2013 at 10:43 AM, Dale Parfitt <parinc1@...>wrote:
>

>>
>>
>> There is no room for anything like a bridge, tuner or the controls to
>> operate them. I found the exact same cabinet as the X1M is available on
>> eBay, so anyone could design their own power supplies, hi fi speakers, DSP,
>> tuners etc.
>>
>> My personal preference on tuners has always been to design antennas that
>> do not require a tuner, its attendant losses, size, weight, cost and
>> complexity.
>>
>> Dale W4OP
>>
>>
>>
>> ----- Original Message -----
>> *From:* Paul W. Ross <deadgoose@...>
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> *Sent:* Sunday, October 27, 2013 12:29 PM
>> *Subject:* [X1M_QRP-Transceiver] Re: i saw something about AGC Boards is
>> there anyway to build tuner boar
>>
>>
>>
>> That SWR bridge from QRPKits is pretty small. They also have some small
>> tuners worth looking at.
>>
>> 73 /paul W3FIS
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>> No virus found in this message.
>> Checked by AVG - www.avg.com
>> Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13
>>
>>
>
>
>

1891. Re: [X1M_QRP-Transceiver] X1M-AGC [1 Attachment]

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 18:52:39 UTC
From: Charlie , W5COV
Topic: 1891 Message: 1891

Hans if you got on and ALL of the X1M guys would get on , we could cause quite a pile up on your frequency and make the big guns wonder :)

Thanks for sharing .

We could sure use more people sharing both good and bad experiences and experiments . The ONLY way this radio will be improved even more than it already has been , is by user participation and honest open feedback .

Best 73 , Charlie , W5COV

On 10/27/2013 1:39 PM, Hans H Vollmer wrote:
> Hi, X1M-Freaks,
> today i've implemented an AGC with the schematic from Dale, W4OP.
> I changed the following parts: C3 and C4 into 3,3?F and R4 into 470 kOhm.
> With the original C3 and R4 the AGC was too slow for me.
> I used a little prototype board and standard SMD-parts.
> The AGC works good, I could test it in CQWWDX today
> with the big guns from Europe, hi.
> I've attached a photo.
>
> 73s from Germany
> Hans, DF5SR
>
>

1892. Re: [X1M_QRP-Transceiver] Re: i saw something about AGC Boards is there anyway to build tuner boar

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 19:35:59 UTC
From: Charlie , W5COV
Topic: 1884 Message: 1892

Not to get into a long theoretical discussion , but even if you see a 1:1 SWR at the radio is no assurance that you are radiating any power at the antenna , whether tube or transistor . If you are using a tuner then (I squared R) losses must be considered too , again tube or transistor .(Sorry no scientific notation fonts loaded)

Believe me I run a beacon on 1750 Meters (that's 186 kHz.) with one watt INPUT , into a less than 50 foot vertical antenna , so I have MICRO watts of ERP . I depend heavily on near field and far field readings to remain legal and to collect data , so I am fairly familiar with how important it is to transfer the power to the antenna . My finals are not very forgiving either since I run a complimentary pair of 10 cent plastic transistors like a 2N2222 .

I believe Dale's point was we should all strive to run resonant antennas , which I completely agree with . Yes my G5RV is a poor example , but it was a situation to be able to stay on the air . The 80 , 40 , 30 , half wave dipoles will soon return to the tower and I am getting or using resonant antennas on the other bands .

Charlie , W5COV

On 10/27/2013 2:15 PM, Droid Power wrote:
> but thats exactly the problem this rig has no way of knowing what is
> going on. SWR wasnt critical on a tube rig but solid state design are
> picky because of their nature the reality is if you are reflecting 5
> watts then you are going no where. The problem for this rig is finding
> out if you are reflect all your power back
>
>
> On Sun, Oct 27, 2013 at 11:35 AM, Charlie , W5COV <cvest@...
> <mailto:cvest@...>> wrote:
>
> SWR is a subject that can be discussed all day on here and not
> everyone will agree at the end of the day . Too many variables to
> consider . For the first at least 10 years of my nearly half
> century ham career I didn't even own an SWR bridge and neither did
> any operator in town that I knew !! Get a nice sharp dip on the
> plate and the rig loaded to the antenna and we managed to work the
> world without a SWR bridge . Ever turned your present one around
> in the line to see just how linear it is ??
>
> Dale is a well know antenna designer and builder here in the USA .
> I have one of his unique designs here , an Omniangle on 17 meters
> . It replaced a G5RV dipole . Look at the gain figures on his

> antenna and you will certainly be confused if you read antenna
> manufacturers bloated figures often referenced to a wet noodle or
> something they never tell you about .
>
> His antenna performs flawlessly ,I have added several new
> countries in the short time that I have had it and the really nice
> thing is it is an omni directional horizontal !! No need to worry
> about a rotor quitting or freezing up in the winter. One person
> can put it up and only takes minutes and a phillips screwdriver to
> assemble !!
>
> Charlie , W5COV
>
>
>
> On 10/27/2013 1:16 PM, Droid Power wrote:
>> well still even if you have an antenna that doesnt need a tuner
>> you need to figure out what the SWR is to make sure your putting
>> out all the power you can
>>
>>
>> On Sun, Oct 27, 2013 at 10:43 AM, Dale Parfitt
>> <parinc1@... <mailto:parinc1@...>> wrote:
>>
>> There is no room for anything like a bridge, tuner or the
>> controls to operate them. I found the exact same cabinet as
>> the X1M is available on eBay, so anyone could design their
>> own power supplies, hi fi speakers, DSP, tuners etc.
>> My personal preference on tuners has always been to design
>> antennas that do not require a tuner, its attendant losses,
>> size, weight, cost and complexity.
>> Dale W4OP
>>
>> ----- Original Message -----
>> *From:* Paul W. Ross <mailto:deadgoose@...>
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>> *Sent:* Sunday, October 27, 2013 12:29 PM
>> *Subject:* [X1M_QRP-Transceiver] Re: i saw something
>> about AGC Boards is there anyway to build tuner boar
>>
>> That SWR bridge from QRPKits is pretty small. They also
>> have some small
>> tuners worth looking at.
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>> 73 /paul W3FIS
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>> No virus found in this message.
>> Checked by AVG - www.avg.com <http://www.avg.com>
>> Version: 2014.0.4158 / Virus Database: 3615/6783 -

>> Release Date: 10/26/13
>>
>>
>
>
>

1893. X1M Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 19:44:51 UTC
From: <droidgsm2013@...>
Topic: 1893 Message: 1893

Hi all, can we set up a wiki for the X1M so i we can have all the information about the radio and its mods in one central location that everyone is able to access and edit if they need to. Yahoo groups is great but a wiki is a bit more organized.

1894. Re: [X1M_QRP-Transceiver] X1M Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 19:52:11 UTC
From: Dani Novak
Topic: 1893 Message: 1894

Excellent idea. I can provide free hosting if someone has a domain to use, or I can provide a domain and setup dokuwiki or something.

Dani.

On 27/10/2013 19:44, droidgsm2013@... wrote:
>
> Hi all, can we set up a wiki for the X1M so i we can have all the
> information about the radio and its mods in one central location that
> everyone is able to access and edit if they need to. Yahoo groups is
> great but a wiki is a bit more organized.
>
>

1895. Re: [X1M_QRP-Transceiver] X1M Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 19:57:45 UTC
From: Droid Power
Topic: 1893 Message: 1895

Well i have neither but i do experience building traditional website and some with Joomla. I would love to help build it as soon as we can get it all together.

On Sun, Oct 27, 2013 at 12:52 PM, Dani Novak <dani.novak.eu@gmail.com>wrote:

> **
>
>
> Excellent idea. I can provide free hosting if someone has a domain to use,
> or I can provide a domain and setup dokuwiki or something.
>
> Dani.
>
>
> On 27/10/2013 19:44, droidgsm2013@... wrote:
>
>
>
> Hi all, can we set up a wiki for the X1M so i we can have all the
> information about the radio and its mods in one central location that
> everyone is able to access and edit if they need to. Yahoo groups is
> great but a wiki is a bit more organized.
>
>
>
>

1896. RE: Where/how can I purchase a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 20:12:39 UTC
From: <ed@...>
Topic: 1878 Message: 1896

Import Communications has invested heavily in Xiegu and is the North American distributor for their products. There are two distributors of this radio, one in Europe and one in North America. There are no Chinese sellers of this radio by the name X1M or any other name.
Regards,
Ed
Import Communications

---In x1m_qrp-transceiver@yahoogroups.com, <mark-yahoo@...> wrote:

Are there any China distributors selling this or is this a "Ed" only product? I googled but I do not see much activity other than Ed's place. Is the radio going by another name?

ps: I am not in the US

---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

Ed at Import Communications , is the USA Distributor . www.importcommunications.com http://www.importcommunications.com very good service !!

ALL USA models are full assembled and ready to operate out of the box . Occasional firmware updates are available for it , so I STRONGLY recommend buying one of Ed's new interface cables also !!

Charlie , W5COV

On 10/26/2013 5:30 PM, k3eax@... mailto:k3eax@... wrote:

Hi I'm new to the group and would like to know how I can purchase one that has been assembled. I would prefer a U.S. based source.

Al in Philadelphia

1897. Re: [X1M_QRP-Transceiver] X1M Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 20:41:14 UTC
From: Droid Power
Topic: 1893 Message: 1897

I think we can set one up for free w wikia

On Sunday, October 27, 2013, Droid Power <droidgsm2013@...> wrote:
> Well i have neither but i do experience building traditional website and some with Joomla. I would love to help build it as soon as we can get it all together.
>
> On Sun, Oct 27, 2013 at 12:52 PM, Dani Novak <dani.novak.eu@...> wrote:
>
>
>
> Excellent idea. I can provide free hosting if someone has a domain to use, or I can provide a domain and setup dokuwiki or something.
>
> Dani.
>
> On 27/10/2013 19:44, droidgsm2013@... wrote:
>
>
>
> Hi all, can we set up a wiki for the X1M so i we can have all the information about the radio and its mods in one central location that everyone is able to access and edit if they need to. Yahoo groups is great but a wiki is a bit more organized.
>
>
> Reply via web post Reply to sender Reply to group Start a New Topic Messages in this topic (2)
> Recent Activity:
>
> New Members 25

1898. Re: JT65

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 21:41:07 UTC
From: Paul W. Ross
Topic: 1881 Message: 1898

However, in the interest of not "frying" the finals -- JT65 and most digital modes are essentially "key down," cut back the drive to the transmitter some. This is the "TX" knob on the SignaLink USB, for instance.

73 /paul W3FIS

1899. Upgrading X1M to X1M-Pro

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 21:42:03 UTC
From: <ed@...>
Topic: 1899 Message: 1899

The original X1M transceiver can be upgraded by replacing its display and front panel with that of the X1M-Pro. All features of the X1M-Pro will be available, most notable, the frequency bandwidth of the built-in filters.

These replacement displays and panels will be available in mid-November. Right now only 10 panels have been ordered but that number can be increased if pre-sales warrant it. You can place a pre-order now to reserve yours.

The ordering information page is
http://www.wouxun.us/item.php?item_id=308&category_id=65

Regards,
Ed Griffin
Import Communications

1900. Re: [X1M_QRP-Transceiver] X1M-AGC [1 Attachment]

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 21:47:03 UTC
From: Dale Parfitt
Topic: 1891 Message: 1900

Very nice Hans. One can play with the AGC R/C for life I think, not to mention the resting AGC voltage. I have certainly gone back and forth enough times to make me dizzy. Again, a very nice job. C4 just as an aside to others, and also C5 were added by W4SC who did the board layout- good engineering practice to make certain the Vcc buss does not have noise on it.

Dale W4OP

----- Original Message -----
From: Hans H Vollmer
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, October 27, 2013 2:39 PM
Subject: [X1M_QRP-Transceiver] X1M-AGC [1 Attachment]

Hi, X1M-Freaks,
today i've implemented an AGC with the schematic from Dale, W4OP.
I changed the following parts: C3 and C4 into 3,3µF and R4 into 470 kOhm.
With the original C3 and R4 the AGC was too slow for me.

I used a little prototype board and standard SMD-parts.
The AGC works good, I could test it in CQWWDX today

with the big guns from Europe, hi.
I've attached a photo.

73s from Germany

Hans, DF5SR

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1901. 20 Watt Linear for X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 21:51:31 UTC
From: <ed@...>
Topic: 1901 Message: 1901

A few months ago, I asked Xiegu to develop a 20 watt linear amplifier for the X1M. This project has been completed and I will receive a prototype soon. The amplifier will be the same size as the X1M and will be available as a no-soldering kit.

The estimated price is $249.95. Pre-orders are not being accepted at this time but an email list is being generated for anyone wishing to be updated of its availability.

You can add your name to the email notification list here:
http://www.wouxun.us/item.php?item_id=309&category_id=65

Regards,
Ed Griffin
Import Communications

ps
A 100 watt amplifier is also in the works

1902. RE: [X1M_QRP-Transceiver] 20 Watt Linear for X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 21:54:13 UTC
From: Fred VE3FAL
Topic: 1901 Message: 1902

Very cool Ed was just looking at that on your webpage, glad to see that Xiegu is really making some headway and listening to its customers..

You have done a great job Ed and deserve a big round for ALL you hard work and efforts with these projects.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ed@...
Sent: October 27, 2013 5:52 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] 20 Watt Linear for X1M

A few months ago, I asked Xiegu to develop a 20 watt linear amplifier for the X1M. This project has been completed and I will receive a prototype soon. The amplifier will be the same size as the X1M and will be available as a no-soldering kit.

The estimated price is $249.95. Pre-orders are not being accepted at this time but an email list is being generated for anyone wishing to be updated of its availability.

You can add your name to the email notification list here:
http://www.wouxun.us/item.php?item_id=309
<http://www.wouxun.us/item.php?item_id=309&category_id=65> &category_id=65

Regards,
Ed Griffin
Import Communications

ps
A 100 watt amplifier is also in the works

1903. RE: [X1M_QRP-Transceiver] X1M Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 22:23:15 UTC
From: Lee
Topic: 1893 Message: 1903

I like to keep all the information in one place to make it easier to find. The current Yahoo Group works for me. Our messages are there, our photos are the and our files are there. I don’t think if you can put files and photos in a wiki.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of droidgsm2013@...
Sent: Sunday, October 27, 2013 2:45 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M Wiki

Hi all, can we set up a wiki for the X1M so i we can have all the information about the radio and its mods in one central location that everyone is able to access and edit if they need to. Yahoo groups is great but a wiki is a bit more organized.

1904. Re: [X1M_QRP-Transceiver] X1M-AGC [1 Attachment]

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 22:45:01 UTC
From: Dale Parfitt
Topic: 1891 Message: 1904

The other variable you may want to play with Hans is R3. Currently 1K, it controls the AGC attack time.

73,

Dale W4OP
----- Original Message -----
From: Hans H Vollmer
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, October 27, 2013 2:39 PM
Subject: [X1M_QRP-Transceiver] X1M-AGC [1 Attachment]

Hi, X1M-Freaks,
today i've implemented an AGC with the schematic from Dale, W4OP.
I changed the following parts: C3 and C4 into 3,3µF and R4 into 470 kOhm.
With the original C3 and R4 the AGC was too slow for me.

I used a little prototype board and standard SMD-parts.
The AGC works good, I could test it in CQWWDX today

with the big guns from Europe, hi.
I've attached a photo.

73s from Germany

Hans, DF5SR

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1905. X1M USB Digital interface

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-27 23:25:26 UTC
From: <lphebus@...>
Topic: 1905 Message: 1905

I just posted some pictures in a new album titled "X1M Digital Interface" describing a relatively simple to construct circuit that has worked well with WSPR (4-5 Watt) And PSK-31. Despite running the rig full out for ~2 minute WSPR transmissions, there was no sign of overheating. Sometimes for testing I ran back-to-back transmissions, 4 minutes full power 100% duty cycle...the rig didn't even seem to notice. Today I was transmitting 20% of the time (RX the other 80%) all afternoon and all went well, no issues. I posted a couple maps of contacts last night on 40m and today on 10 m, using the excellent PAR END FEDZ 40-20-10 antenna about 10-12 feet off the sandy AZ ground. I ran the transceiver through a wattmeter/SWR meter (Diamond SX-200) right into the antenna... no tuner. The SWR on 40 was 1.4 and on 10 was 1.1 (a little plug for a great antenna! More details if requested...

1906. Re: [X1M_QRP-Transceiver] X1M USB Digital interface

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 00:11:02 UTC
From: Charlie , W5COV
Topic: 1905 Message: 1906

Lee , nice plug for well designed proper antennas :) Dale did a great job on that line and the company LNR , that he sold it to , seems to be continuing his tradition .
I am enjoying his omniangle antenna on 17 meters right now . Quite an antenna and a LOT of GREAT theory that he turned into some real world numbers that you can go to the bank with , not measured against a dummy load 6 foot in the ground :)
Hmmm now I have to look at your latest creation !! Any chance of 1750 this year ? My beacon will have its good old antenna on it and I hope that you can log it . Should be MUCH better than the past couple of years !! Arizona would be a new state for me on 1750 . Not many people listening out west , at least that post captures.

Charlie , W5COV

On 10/27/2013 6:25 PM, lphebus@... wrote:
>
> I just posted some pictures in a new album titled "X1M Digital
> Interface" describing a relatively simple to construct circuit that
> has worked well with WSPR (4-5 Watt) And PSK-31. Despite running the
> rig full out for ~2 minute WSPR transmissions, there was no sign of
> overheating. Sometimes for testing I ran back-to-back transmissions,
> 4 minutes full power 100% duty cycle...the rig didn't even seem to
> notice. Today I was transmitting 20% of the time (RX the other 80%)
> all afternoon and all went well, no issues. I posted a couple maps of
> contacts last night on 40m and today on 10 m, using the excellent PAR
> END FEDZ 40-20-10 antenna about 10-12 feet off the sandy AZ ground.
> I ran the transceiver through a wattmeter/SWR meter (Diamond SX-200)
> right into the antenna... no tuner. The SWR on 40 was 1.4 and on 10
> was 1.1 (a little plug for a great antenna! More details if requested...
>
>

1907. Re: [X1M_QRP-Transceiver] X1M USB Digital interface

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 00:17:10 UTC
From: Dale Parfitt
Topic: 1905 Message: 1907

Hi Charlie,
Will you describe your 1750M antenna for us?

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, October 27, 2013 8:11 PM
Subject: Re: [X1M_QRP-Transceiver] X1M USB Digital interface

Lee , nice plug for well designed proper antennas :) Dale did a great job on that line and the company LNR , that he sold it to , seems to be continuing his tradition .
I am enjoying his omniangle antenna on 17 meters right now . Quite an antenna and a LOT of GREAT theory that he turned into some real world numbers that you can go to the bank with , not measured against a dummy load 6 foot in the ground :)
Hmmm now I have to look at your latest creation !! Any chance of 1750 this year ? My beacon will have its good old antenna on it and I hope that you can log it . Should be MUCH better than the past couple of years !!
Arizona would be a new state for me on 1750 . Not many people listening out west , at least that post captures.

Charlie , W5COV

On 10/27/2013 6:25 PM, lphebus@... wrote:

I just posted some pictures in a new album titled "X1M Digital Interface" describing a relatively simple to construct circuit that has worked well with WSPR (4-5 Watt) And PSK-31. Despite running the rig full out for ~2 minute WSPR transmissions, there was no sign of overheating. Sometimes for testing I ran back-to-back transmissions, 4 minutes full power 100% duty cycle...the rig didn't even seem to notice. Today I was transmitting 20% of the time (RX the other 80%) all afternoon and all went well, no issues. I posted a couple maps of contacts last night on 40m and today on 10 m, using the excellent PAR END FEDZ 40-20-10 antenna about 10-12 feet off the sandy AZ ground. I ran the transceiver through a wattmeter/SWR meter (Diamond SX-200) right into the antenna... no tuner. The SWR on 40 was 1.4 and on 10 was 1.1 (a little plug for a great antenna! More details if requested...

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1908. Re: [X1M_QRP-Transceiver] Re: i saw something about AGC Boards is there anyway to build tuner boar

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 00:23:09 UTC
From: M_AND_R_SHAREF
Topic: 1884 Message: 1908

OT
If you only run 1 watt into a 50 vertical on 1750, you can use a trick from the old timers. Use multi conductors fed like a 3 wire folded dipole. I built one with 13 conductors 7 feet long. Fed with 450 ohm window line to the tuner.When vertical it worked better then my full size G5RV, 30' at the center, for many of the stations we copied in the parking lot of the local Red Cross. For 1750 I would build it as a folded mono dipole. This antenna will not have a higher radiation resistance, but will have a lower DC resistance. Ever little bit helps.

On Sun, Oct 27, 2013 at 3:35 PM, Charlie , W5COV <cvest@...> wrote:

> **
>
>
> Not to get into a long theoretical discussion , but even if you see a 1:1
> SWR at the radio is no assurance that you are radiating any power at the
> antenna , whether tube or transistor . If you are using a tuner then (I
> squared R) losses must be considered too , again tube or transistor .(Sorry
> no scientific notation fonts loaded)
>
> Believe me I run a beacon on 1750 Meters (that's 186 kHz.) with one watt
> INPUT , into a less than 50 foot vertical antenna , so I have MICRO watts
> of ERP . I depend heavily on near field and far field readings to remain
> legal and to collect data , so I am fairly familiar with how important it
> is to transfer the power to the antenna . My finals are not very forgiving
> either since I run a complimentary pair of 10 cent plastic transistors like
> a 2N2222 .
>
> I believe Dale's point was we should all strive to run resonant antennas ,
> which I completely agree with . Yes my G5RV is a poor example , but it was
> a situation to be able to stay on the air . The 80 , 40 , 30 , half wave
> dipoles will soon return to the tower and I am getting or using resonant
> antennas on the other bands .
>
> Charlie , W5COV
>
>
> On 10/27/2013 2:15 PM, Droid Power wrote:
>
>
> but thats exactly the problem this rig has no way of knowing what is
> going on. SWR wasnt critical on a tube rig but solid state design are picky
> because of their nature the reality is if you are reflecting 5 watts then

> you are going no where. The problem for this rig is finding out if you
> are reflect all your power back
>
>
> On Sun, Oct 27, 2013 at 11:35 AM, Charlie , W5COV <cvest@...> wrote:
>
>>
>>
>> SWR is a subject that can be discussed all day on here and not everyone
>> will agree at the end of the day . Too many variables to consider . For the
>> first at least 10 years of my nearly half century ham career I didn't even
>> own an SWR bridge and neither did any operator in town that I knew !! Get a
>> nice sharp dip on the plate and the rig loaded to the antenna and we
>> managed to work the world without a SWR bridge . Ever turned your present
>> one around in the line to see just how linear it is ??
>>
>> Dale is a well know antenna designer and builder here in the USA . I have
>> one of his unique designs here , an Omniangle on 17 meters . It replaced a
>> G5RV dipole . Look at the gain figures on his antenna and you will
>> certainly be confused if you read antenna manufacturers bloated figures
>> often referenced to a wet noodle or something they never tell you about .
>>
>> His antenna performs flawlessly ,I have added several new countries in
>> the short time that I have had it and the really nice thing is it is an
>> omni directional horizontal !! No need to worry about a rotor quitting or
>> freezing up in the winter. One person can put it up and only takes minutes
>> and a phillips screwdriver to assemble !!
>>
>> Charlie , W5COV
>>
>>
>> On 10/27/2013 1:16 PM, Droid Power wrote:
>>
>>
>> well still even if you have an antenna that doesnt need a tuner you
>> need to figure out what the SWR is to make sure your putting out all the power
>> you can
>>
>>
>> On Sun, Oct 27, 2013 at 10:43 AM, Dale Parfitt <parinc1@...>wrote:
>>
>>>
>>>
>>> There is no room for anything like a bridge, tuner or the controls to
>>> operate them. I found the exact same cabinet as the X1M is available on
>>> eBay, so anyone could design their own power supplies, hi fi speakers, DSP,
>>> tuners etc.
>>>
>>> My personal preference on tuners has always been to design antennas that
>>> do not require a tuner, its attendant losses, size, weight, cost and

>>> complexity.
>>>
>>> Dale W4OP
>>>
>>>
>>>
>>> ----- Original Message -----
>>> *From:* Paul W. Ross <deadgoose@...>
>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>> *Sent:* Sunday, October 27, 2013 12:29 PM
>>> *Subject:* [X1M_QRP-Transceiver] Re: i saw something about AGC Boards
>>> is there anyway to build tuner boar
>>>
>>>
>>>
>>> That SWR bridge from QRPKits is pretty small. They also have some small
>>> tuners worth looking at.
>>>
>>> 73 /paul W3FIS
>>>
>>> No virus found in this message.
>>> Checked by AVG - www.avg.com
>>> Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13
>>>
>>>
>>
>>
>
>
>

1909. Re: [X1M_QRP-Transceiver] X1M Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 00:03:08 UTC
From: Charlie , W5COV
Topic: 1893 Message: 1909

Lee , I have to agree with you . I don't even know who this group belongs to , but they have been very tolerant of posts that I have made and very accommodating in providing a place and to allow me to post both files and photos .
I would just as soon have things right here in the group that is dedicated to this particular radio . Easy for me to locate when I want to edit or update something and get messages from Ed .

Charlie , W5COV

On 10/27/2013 5:23 PM, Lee wrote:
>
> I like to keep all the information in one place to make it easier to
> find. The current Yahoo Group works for me. Our messages are there,
> our photos are the and our files are there. I don’t think if you can
> put files and photos in a wiki.
>
> Lee – N9LO
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of
> *droidgsm2013@...
> *Sent:* Sunday, October 27, 2013 2:45 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] X1M Wiki
>
> Hi all, can we set up a wiki for the X1M so i we can have all the
> information about the radio and its mods in one central location that
> everyone is able to access and edit if they need to. Yahoo groups is
> great but a wiki is a bit more organized.
>
>

1910. Re: [X1M_QRP-Transceiver] X1M USB Digital interface

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 00:48:14 UTC
From: Charlie , W5COV
Topic: 1905 Message: 1910

Sure Dale , I tried several while this one was off of the tower , even a horizontal wire , but this has been the top performer over the years .

I use a 42 foot long piece of wire that is some type of military surplus that I had laying around . I believe it may be nickel plated . It looks exactly like a brand new piece of regular stranded heavy TV guy wire . That is the main vertical radiator . It runs through the wall (through a small PVC tube) directly to the loading coil .

I use a 5 foot diameter or close to circular shape top hat , geometry is not too important . The "ring" for the capacity top hat is formed from a piece of about #8 solid copper wire . I also made an "X" or "+ " shaped piece to fit into the center of the circle and soldered to the edges of the circle then added a couple of more wires to fill in the gaps fairly closely . The vertical radiator wire runs right to the center of this , where it is soldered on .

I have a piece of large diameter schedule 80 PVC crossarm sticking must be about 8-9 foot out from the tower
in a horizontal plane . It is just about the 40 foot joint on the tower . I now once again thanks to a couple of young bow hunters ,have a nylon rope over this PVC arm that I tie to the top hat and use that to raise and lower the antenna . It is only a foot or so off of the ground where it turns to go to the shack wall . It is close enough I have had to shovel snow off of it .

My ground system will not work . (I wish I had known that before I had all of the 1500 mile captures <grin>) I use 3 , 8 foot long grounds bonded together as well as bonded to all the grounds . I will say it is likely my ground rods are in water , since I hit water at 5 foot that I had to seal off when I installed the tower . I have zero ground radials .

Harder to describe than what it really is . Just a few pieces of wire I happened to have on hand . It has been on the air for about a decade now , the last couple of years this antenna has been down , because my old nylon was string and broke . It has been copied regularly at high noon in Denver , Colorado .

Charlie , W5COV

On 10/27/2013 7:17 PM, Dale Parfitt wrote:
>
> □
>
> Hi Charlie,
> Will you describe your 1750M antenna for us?

> Dale W4OP
>
> ----- Original Message -----
> *From:* Charlie , W5COV <mailto:cvest@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Sunday, October 27, 2013 8:11 PM
> *Subject:* Re: [X1M_QRP-Transceiver] X1M USB Digital interface
>
> Lee , nice plug for well designed proper antennas :) Dale did a
> great job on that line and the company LNR , that he sold it to ,
> seems to be continuing his tradition .
> I am enjoying his omniangle antenna on 17 meters right now . Quite
> an antenna and a LOT of GREAT theory that he turned into some real
> world numbers that you can go to the bank with , not measured
> against a dummy load 6 foot in the ground :)
> Hmmm now I have to look at your latest creation !! Any chance of
> 1750 this year ? My beacon will have its good old antenna on it
> and I hope that you can log it . Should be MUCH better than the
> past couple of years !!
> Arizona would be a new state for me on 1750 . Not many people
> listening out west , at least that post captures.
>
> Charlie , W5COV
>
> On 10/27/2013 6:25 PM, lphebus@... wrote:
>>
>> I just posted some pictures in a new album titled "X1M Digital
>> Interface" describing a relatively simple to construct circuit
>> that has worked well with WSPR (4-5 Watt) And PSK-31. Despite
>> running the rig full out for ~2 minute WSPR transmissions, there
>> was no sign of overheating. Sometimes for testing I ran
>> back-to-back transmissions, 4 minutes full power 100% duty
>> cycle...the rig didn't even seem to notice. Today I was
>> transmitting 20% of the time (RX the other 80%) all afternoon and
>> all went well, no issues. I posted a couple maps of contacts
>> last night on 40m and today on 10 m, using the excellent PAR END
>> FEDZ 40-20-10 antenna about 10-12 feet off the sandy AZ ground.
>> I ran the transceiver through a wattmeter/SWR meter (Diamond
>> SX-200) right into the antenna... no tuner. The SWR on 40 was
>> 1.4 and on 10 was 1.1 (a little plug for a great antenna! More
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> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date:
> 10/26/13
>

>

1911. Re: [X1M_QRP-Transceiver] X1M Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 01:27:23 UTC
From: Droid Power
Topic: 1893 Message: 1911

Well a wiki is even easier you can sort by name and add pictures and
videos. plus it allows people who dont have access to yahoo groups to
receive information. Since there is little support i will create and manage
the wiki myself but i welcome anyone and everyone to contribute.

On Sun, Oct 27, 2013 at 5:03 PM, Charlie , W5COV <cvest@...> wrote:

> **
>
>
> Lee , I have to agree with you . I don't even know who this group belongs
> to , but they have been very tolerant of posts that I have made and very
> accommodating in providing a place and to allow me to post both files and
> photos .
> I would just as soon have things right here in the group that is dedicated
> to this particular radio . Easy for me to locate when I want to edit or
> update something and get messages from Ed .
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> On 10/27/2013 5:23 PM, Lee wrote:
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> photos are the and our files are there. I don’t think if you can put files
> and photos in a wiki.****
>
> Lee – N9LO****
>
> ** **
>
> *From:* X1M_QRP-Transceiver@yahoogroups.com [
> mailto:X1M_QRP-Transceiver@yahoogroups.com<X1M_QRP-Transceiver@yahoogroups.com>]
> *On Behalf Of *droidgsm2013@...
> *Sent:* Sunday, October 27, 2013 2:45 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] X1M Wiki****
>
> ** **
>
> ****
>

> Hi all, can we set up a wiki for the X1M so i we can have all the
> information about the radio and its mods in one central location that
> everyone is able to access and edit if they need to. Yahoo groups is great
> but a wiki is a bit more organized. ****
>
> ****
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>
>
>

1912. Re: [X1M_QRP-Transceiver] Re: i saw something about AGC Boards is there anyway to build tuner boar

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 00:58:40 UTC
From: Charlie , W5COV
Topic: 1884 Message: 1912

I received a copy of an old NDB antenna booklet a couple of weeks back and it has some very similar designs in there Mark . I own the Yahoo part15 (no space between part and 15) group . I haven't been able for the past couple of years to do much vertical antenna testing , so some variations are on the schedule for this winter .

Charlie , W5COV

On 10/27/2013 7:23 PM, M_AND_R_SHAREF wrote:
> OT
> If you only run 1 watt into a 50 vertical on 1750, you can use a trick
> from the old timers. Use multi conductors fed like a 3 wire folded
> dipole. I built one with 13 conductors 7 feet long. Fed with 450 ohm
> window line to the tuner.When vertical it worked better then my full
> size G5RV, 30' at the center, for many of the stations we copied in
> the parking lot of the local Red Cross. For 1750 I would build it as a
> folded mono dipole. This antenna will not have a higher radiation
> resistance, but will have a lower DC resistance. Ever little bit helps.
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>
> On Sun, Oct 27, 2013 at 3:35 PM, Charlie , W5COV <cvest@...
> <mailto:cvest@...>> wrote:
>
> Not to get into a long theoretical discussion , but even if you
> see a 1:1 SWR at the radio is no assurance that you are radiating
> any power at the antenna , whether tube or transistor . If you are
> using a tuner then (I squared R) losses must be considered too ,
> again tube or transistor .(Sorry no scientific notation fonts loaded)
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> Believe me I run a beacon on 1750 Meters (that's 186 kHz.) with
> one watt INPUT , into a less than 50 foot vertical antenna , so I
> have MICRO watts of ERP . I depend heavily on near field and far
> field readings to remain legal and to collect data , so I am
> fairly familiar with how important it is to transfer the power to
> the antenna . My finals are not very forgiving either since I run
> a complimentary pair of 10 cent plastic transistors like a 2N2222 .
>
> I believe Dale's point was we should all strive to run resonant
> antennas , which I completely agree with . Yes my G5RV is a poor
> example , but it was a situation to be able to stay on the air .
> The 80 , 40 , 30 , half wave dipoles will soon return to the tower
> and I am getting or using resonant antennas on the other bands .
>
> Charlie , W5COV

>
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>
> On 10/27/2013 2:15 PM, Droid Power wrote:
>> but thats exactly the problem this rig has no way of knowing what
>> is going on. SWR wasnt critical on a tube rig but solid state
>> design are picky because of their nature the reality is if you
>> are reflecting 5 watts then you are going no where. The problem
>> for this rig is finding out if you are reflect all your power back
>>
>>
>> On Sun, Oct 27, 2013 at 11:35 AM, Charlie , W5COV <cvest@...
>> <mailto:cvest@...>> wrote:
>>
>> SWR is a subject that can be discussed all day on here and
>> not everyone will agree at the end of the day . Too many
>> variables to consider . For the first at least 10 years of my
>> nearly half century ham career I didn't even own an SWR
>> bridge and neither did any operator in town that I knew !!
>> Get a nice sharp dip on the plate and the rig loaded to the
>> antenna and we managed to work the world without a SWR bridge
>> . Ever turned your present one around in the line to see just
>> how linear it is ??
>>
>> Dale is a well know antenna designer and builder here in the
>> USA . I have one of his unique designs here , an Omniangle on
>> 17 meters . It replaced a G5RV dipole . Look at the gain
>> figures on his antenna and you will certainly be confused if
>> you read antenna manufacturers bloated figures often
>> referenced to a wet noodle or something they never tell you
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>> His antenna performs flawlessly ,I have added several new
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>> nice thing is it is an omni directional horizontal !! No need
>> to worry about a rotor quitting or freezing up in the winter.
>> One person can put it up and only takes minutes and a
>> phillips screwdriver to assemble !!
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>> Charlie , W5COV
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>>
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>> On 10/27/2013 1:16 PM, Droid Power wrote:
>>> well still even if you have an antenna that doesnt need a
>>> tuner you need to figure out what the SWR is to make sure
>>> your putting out all the power you can
>>>
>>>
>>> On Sun, Oct 27, 2013 at 10:43 AM, Dale Parfitt

>>> <parinc1@... <mailto:parinc1@...>> wrote:
>>>
>>> There is no room for anything like a bridge, tuner or
>>> the controls to operate them. I found the exact same
>>> cabinet as the X1M is available on eBay, so anyone could
>>> design their own power supplies, hi fi speakers, DSP,
>>> tuners etc.
>>> My personal preference on tuners has always been to
>>> design antennas that do not require a tuner, its
>>> attendant losses, size, weight, cost and complexity.
>>> Dale W4OP
>>>
>>> ----- Original Message -----
>>> *From:* Paul W. Ross <mailto:deadgoose@...>
>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>>> *Sent:* Sunday, October 27, 2013 12:29 PM
>>> *Subject:* [X1M_QRP-Transceiver] Re: i saw something
>>> about AGC Boards is there anyway to build tuner boar
>>>
>>> That SWR bridge from QRPKits is pretty small. They
>>> also have some small
>>> tuners worth looking at.
>>>
>>> 73 /paul W3FIS
>>>
>>> No virus found in this message.
>>> Checked by AVG - www.avg.com <http://www.avg.com>
>>> Version: 2014.0.4158 / Virus Database: 3615/6783 -
>>> Release Date: 10/26/13
>>>
>>>
>>
>>
>
>
>

1913. Re: [X1M_QRP-Transceiver] X1M Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 02:11:37 UTC
From: Droid Power
Topic: 1893 Message: 1913

i have built a preliminary page which you can see at x1m.wikia.com

On Sun, Oct 27, 2013 at 6:27 PM, Droid Power <droidgsm2013@...> wrote:

> Well a wiki is even easier you can sort by name and add pictures and
> videos. plus it allows people who dont have access to yahoo groups to
> receive information. Since there is little support i will create and manage
> the wiki myself but i welcome anyone and everyone to contribute.
>
>
> On Sun, Oct 27, 2013 at 5:03 PM, Charlie , W5COV <cvest@...> wrote:
>
>> **
>>
>>
>> Lee , I have to agree with you . I don't even know who this group belongs
>> to , but they have been very tolerant of posts that I have made and very
>> accommodating in providing a place and to allow me to post both files and
>> photos .
>> I would just as soon have things right here in the group that is
>> dedicated to this particular radio . Easy for me to locate when I want to
>> edit or update something and get messages from Ed .
>>
>> Charlie , W5COV
>>
>>
>> On 10/27/2013 5:23 PM, Lee wrote:
>>
>>
>>
>> I like to keep all the information in one place to make it easier to
>> find. The current Yahoo Group works for me. Our messages are there, our
>> photos are the and our files are there. I don’t think if you can put files
>> and photos in a wiki.****
>>
>> Lee – N9LO****
>>
>> ** **
>>
>> *From:* X1M_QRP-Transceiver@yahoogroups.com [
>> mailto:X1M_QRP-Transceiver@yahoogroups.com<X1M_QRP-Transceiver@yahoogroups.com>]
>> *On Behalf Of *droidgsm2013@...
>> *Sent:* Sunday, October 27, 2013 2:45 PM
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> *Subject:* [X1M_QRP-Transceiver] X1M Wiki****

>>
>> ** **
>>
>> ****
>>
>> Hi all, can we set up a wiki for the X1M so i we can have all the
>> information about the radio and its mods in one central location that
>> everyone is able to access and edit if they need to. Yahoo groups is great
>> but a wiki is a bit more organized. ****
>>
>> ****
>>
>>
>>
>>
>
>

1914. Microphone Case Mod

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 05:30:55 UTC
From: Charlie , W5COV
Topic: 1914 Message: 1914

I think this may have been brought up before and just last night I got around to opening up my microphone
after Dale gave me a heads up on what he had found .

This is an easy and probably a good idea mod to improve your audio .

The microphone case is plastic so be careful when working with especially the PTT lever , because it pivots on two very small plastic pins molded on it .

When you take the back off of the microphone you will see the speaker in the center and the electret microphone element in the top corner in a round cavity that is pretty much totally enclosed and no holes to the outside world through the case .

Since the speaker isn't used and is pretty low quality , I removed my speaker completely .
Then to provide a little opening from the front grill to the electret I simply used an exacto knife and cut me about a 1/4 wide "duct" between where the speaker used to be and the housing surrounding the mic element . I trimmed the mic cavity so it was flush with the speaker mount lip .

Might help some of you a little with your audio .

Thanks to those that have brought this up . I didn't realize just how enclosed the mic really was .

Charlie , W5COV

1915. RE: [X1M_QRP-Transceiver] X1M Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 02:41:57 UTC
From: Lee
Topic: 1893 Message: 1915

Your wiki say it can be gotten as a kit. Where can I get one?

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Droid Power
Sent: Sunday, October 27, 2013 9:12 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] X1M Wiki

i have built a preliminary page which you can see at x1m.wikia.com

On Sun, Oct 27, 2013 at 6:27 PM, Droid Power <droidgsm2013@...> wrote:

Well a wiki is even easier you can sort by name and add pictures and videos.
plus it allows people who dont have access to yahoo groups to receive
information. Since there is little support i will create and manage the wiki
myself but i welcome anyone and everyone to contribute.

On Sun, Oct 27, 2013 at 5:03 PM, Charlie , W5COV <cvest@...> wrote:

Lee , I have to agree with you . I don't even know who this group belongs to
, but they have been very tolerant of posts that I have made and very
accommodating in providing a place and to allow me to post both files and
photos .
I would just as soon have things right here in the group that is dedicated
to this particular radio . Easy for me to locate when I want to edit or
update something and get messages from Ed .

Charlie , W5COV

On 10/27/2013 5:23 PM, Lee wrote:

I like to keep all the information in one place to make it easier to find.
The current Yahoo Group works for me. Our messages are there, our photos
are the and our files are there. I don't think if you can put files and
photos in a wiki.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of
droidgsm2013@...
Sent: Sunday, October 27, 2013 2:45 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M Wiki

Hi all, can we set up a wiki for the X1M so i we can have all the
information about the radio and its mods in one central location that
everyone is able to access and edit if they need to. Yahoo groups is great

but a wiki is a bit more organized.

1916. Re: [X1M_QRP-Transceiver] X1M Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 06:24:58 UTC
From: Droid Power
Topic: 1893 Message: 1916

Well i am still working on the content, i know at some point on the online website it was mentioned that you could get it as a kit. I am not sure about that anymore. Like i said it is a preliminary page which has already changed information. this is also why i need more people to help me edit to add or remove content that is true or not

On Sun, Oct 27, 2013 at 7:41 PM, Lee <mr.olson@...> wrote:

> **
>
>
> Your wiki say it can be gotten as a kit. Where can I get one?****
>
> ** **
>
> *From:* X1M_QRP-Transceiver@yahoogroups.com [mailto:
> X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Droid Power
> *Sent:* Sunday, October 27, 2013 9:12 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* Re: [X1M_QRP-Transceiver] X1M Wiki****
>
> ** **
>
> ****
>
> i have built a preliminary page which you can see at x1m.wikia.com ****
>
> ** **
>
> On Sun, Oct 27, 2013 at 6:27 PM, Droid Power <droidgsm2013@...>
> wrote:****
>
> Well a wiki is even easier you can sort by name and add pictures and
> videos. plus it allows people who dont have access to yahoo groups to
> receive information. Since there is little support i will create and manage
> the wiki myself but i welcome anyone and everyone to contribute. ****
>
> ** **
>
> On Sun, Oct 27, 2013 at 5:03 PM, Charlie , W5COV <cvest@...> wrote:***
> *
>
> ****
>
> Lee , I have to agree with you . I don't even know who this group belongs

> to , but they have been very tolerant of posts that I have made and very
> accommodating in providing a place and to allow me to post both files and
> photos .
> I would just as soon have things right here in the group that is dedicated
> to this particular radio . Easy for me to locate when I want to edit or
> update something and get messages from Ed .
>
> Charlie , W5COV****
>
> ** **
>
> On 10/27/2013 5:23 PM, Lee wrote:****
>
> ****
>
> I like to keep all the information in one place to make it easier to
> find. The current Yahoo Group works for me. Our messages are there, our
> photos are the and our files are there. I don’t think if you can put files
> and photos in a wiki.****
>
> Lee – N9LO****
>
> ****
>
> *From:* X1M_QRP-Transceiver@yahoogroups.com [
> mailto:X1M_QRP-Transceiver@yahoogroups.com<X1M_QRP-Transceiver@yahoogroups.com>]
> *On Behalf Of *droidgsm2013@...
> *Sent:* Sunday, October 27, 2013 2:45 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] X1M Wiki****
>
> ****
>
> ****
>
> Hi all, can we set up a wiki for the X1M so i we can have all the
> information about the radio and its mods in one central location that
> everyone is able to access and edit if they need to. Yahoo groups is great
> but a wiki is a bit more organized. ****
>
> ** **
>
> ** **
>
> ** **
>
> ****
>
>
>

1917. RE: Re: [X1M_QRP-Transceiver] X1M Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 07:07:20 UTC
From: <dani.novak.eu@...>
Topic: 1893 Message: 1917

Cool, thanks for setting up the wiki - will make it much easier to find/publish content... never been a fan of Yahoo Groups but do keep up with the mailing list :P.

1918. Re: Re: [X1M_QRP-Transceiver] X1M Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 08:48:19 UTC
From: Droid Power
Topic: 1893 Message: 1918

i hope you take a look at it and help make it prettier and more useful

On Mon, Oct 28, 2013 at 12:07 AM, <dani.novak.eu@...> wrote:

> **
>
>
> Cool, thanks for setting up the wiki - will make it much easier to
> find/publish content... never been a fan of Yahoo Groups but do keep up
> with the mailing list :P.
>
>

1919. Re: [X1M_QRP-Transceiver] Microphone Case Mod

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 09:17:54 UTC
From: Droid Power
Topic: 1914 Message: 1919

i saw something about a speech processor maybe we can stick it in the mic

On Sun, Oct 27, 2013 at 10:30 PM, Charlie , W5COV <cvest@...> wrote:

> **
>
>
> I think this may have been brought up before and just last night I got
> around to opening up my microphone
> after Dale gave me a heads up on what he had found .
>
> This is an easy and probably a good idea mod to improve your audio .
>
> The microphone case is plastic so be careful when working with
> especially the PTT lever , because it pivots on two very small plastic
> pins molded on it .
>
> When you take the back off of the microphone you will see the speaker in
> the center and the electret microphone element in the top corner in a
> round cavity that is pretty much totally enclosed and no holes to the
> outside world through the case .
>
> Since the speaker isn't used and is pretty low quality , I removed my
> speaker completely .
> Then to provide a little opening from the front grill to the electret I
> simply used an exacto knife and cut me about a 1/4 wide "duct" between
> where the speaker used to be and the housing surrounding the mic element
> . I trimmed the mic cavity so it was flush with the speaker mount lip .
>
> Might help some of you a little with your audio .
>
> Thanks to those that have brought this up . I didn't realize just how
> enclosed the mic really was .
>
> Charlie , W5COV
>
>

1920. RE: [X1M_QRP-Transceiver] Microphone Case Mod

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 12:20:51 UTC
From: Lee
Topic: 1914 Message: 1920

Almost done with the mic processor. Had to order more parts from China and they just got here. I'll post a document after I'm finished.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Droid Power
Sent: Monday, October 28, 2013 4:18 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Microphone Case Mod

i saw something about a speech processor maybe we can stick it in the mic

On Sun, Oct 27, 2013 at 10:30 PM, Charlie , W5COV <cvest@...> wrote:

I think this may have been brought up before and just last night I got around to opening up my microphone
after Dale gave me a heads up on what he had found .

This is an easy and probably a good idea mod to improve your audio .

The microphone case is plastic so be careful when working with especially the PTT lever , because it pivots on two very small plastic pins molded on it .

When you take the back off of the microphone you will see the speaker in the center and the electret microphone element in the top corner in a round cavity that is pretty much totally enclosed and no holes to the outside world through the case .

Since the speaker isn't used and is pretty low quality , I removed my speaker completely .
Then to provide a little opening from the front grill to the electret I simply used an exacto knife and cut me about a 1/4 wide "duct" between where the speaker used to be and the housing surrounding the mic element . I trimmed the mic cavity so it was flush with the speaker mount lip .

Might help some of you a little with your audio .

Thanks to those that have brought this up . I didn't realize just how enclosed the mic really was .

Charlie , W5COV

1921. RE: [X1M_QRP-Transceiver] Microphone Case Mod

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 12:30:53 UTC
From: Lee
Topic: 1914 Message: 1921

On mine the little slits above the microphone element were open just a little and I opened them up more with a hobby knife. There is an opening between the speaker and the microphone element and I enlarged it too like you did.. On mine it looks like the front of the speaker is used to deflect the sound that enters the louvers on the front into the microphone element.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: Monday, October 28, 2013 12:31 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Microphone Case Mod

I think this may have been brought up before and just last night I got around to opening up my microphone
after Dale gave me a heads up on what he had found .

This is an easy and probably a good idea mod to improve your audio .

The microphone case is plastic so be careful when working with especially the PTT lever , because it pivots on two very small plastic pins molded on it .

When you take the back off of the microphone you will see the speaker in the center and the electret microphone element in the top corner in a round cavity that is pretty much totally enclosed and no holes to the outside world through the case .

Since the speaker isn't used and is pretty low quality , I removed my speaker completely .
Then to provide a little opening from the front grill to the electret I simply used an exacto knife and cut me about a 1/4 wide "duct" between where the speaker used to be and the housing surrounding the mic element . I trimmed the mic cavity so it was flush with the speaker mount lip .

Might help some of you a little with your audio .

Thanks to those that have brought this up . I didn't realize just how enclosed the mic really was .

Charlie , W5COV

1922. RE: Upgrading X1M to X1M-Pro

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 17:38:05 UTC
From: <orders@...>
Topic: 1899 Message: 1922

Thanks Ed!

---In x1m_qrp-transceiver@yahoogroups.com, <ed@...> wrote:

The original X1M transceiver can be upgraded by replacing its display and front panel with that of the X1M-Pro. All features of the X1M-Pro will be available, most notable, the frequency bandwidth of the built-in filters.

These replacement displays and panels will be available in mid-November. Right now only 10 panels have been ordered but that number can be increased if pre-sales warrant it. You can place a pre-order now to reserve yours.

The ordering information page is
http://www.wouxun.us/item.php?item_id=308&category_id=65

Regards,
Ed Griffin
Import Communications

1923. Re: [X1M_QRP-Transceiver] Re: i saw something about AGC Boards is there anyway to build tuner boar

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 18:40:21 UTC
From: M_AND_R_SHAREF
Topic: 1884 Message: 1923

I forgot to say that we were on 40 meters around 1pm or so. It did not play
well on 80 meter. The feed line was 10 long or so. I'm not surprised that
it would not work on 80 with only 3 1/2 feet on a side of the dipole. When
it was vertical the top was only 10 feet high.

On Sun, Oct 27, 2013 at 8:58 PM, Charlie , W5COV <cvest@...> wrote:

> **
>
>
> I received a copy of an old NDB antenna booklet a couple of weeks back and
> it has some very similar designs in there Mark . I own the Yahoo part15
> (no space between part and 15) group . I haven't been able for the past
> couple of years to do much vertical antenna testing , so some variations
> are on the schedule for this winter .
>
> Charlie , W5COV
>
>
> On 10/27/2013 7:23 PM, M_AND_R_SHAREF wrote:
>
>
> OT
> If you only run 1 watt into a 50 vertical on 1750, you can use a trick
> from the old timers. Use multi conductors fed like a 3 wire folded dipole.
> I built one with 13 conductors 7 feet long. Fed with 450 ohm window line to
> the tuner.When vertical it worked better then my full size G5RV, 30' at the
> center, for many of the stations we copied in the parking lot of the local
> Red Cross. For 1750 I would build it as a folded mono dipole. This antenna
> will not have a higher radiation resistance, but will have a lower DC
> resistance. Ever little bit helps.
>
>
> On Sun, Oct 27, 2013 at 3:35 PM, Charlie , W5COV <cvest@...> wrote:
>
>>
>>
>> Not to get into a long theoretical discussion , but even if you see a 1:1
>> SWR at the radio is no assurance that you are radiating any power at the
>> antenna , whether tube or transistor . If you are using a tuner then (I
>> squared R) losses must be considered too , again tube or transistor .(Sorry
>> no scientific notation fonts loaded)
>>
>> Believe me I run a beacon on 1750 Meters (that's 186 kHz.) with one

>> watt INPUT , into a less than 50 foot vertical antenna , so I have MICRO
>> watts of ERP . I depend heavily on near field and far field readings to
>> remain legal and to collect data , so I am fairly familiar with how
>> important it is to transfer the power to the antenna . My finals are not
>> very forgiving either since I run a complimentary pair of 10 cent plastic
>> transistors like a 2N2222 .
>>
>> I believe Dale's point was we should all strive to run resonant antennas
>> , which I completely agree with . Yes my G5RV is a poor example , but it
>> was a situation to be able to stay on the air . The 80 , 40 , 30 , half
>> wave dipoles will soon return to the tower and I am getting or using
>> resonant antennas on the other bands .
>>
>> Charlie , W5COV
>>
>>
>> On 10/27/2013 2:15 PM, Droid Power wrote:
>>
>>
>> but thats exactly the problem this rig has no way of knowing what is
>> going on. SWR wasnt critical on a tube rig but solid state design are picky
>> because of their nature the reality is if you are reflecting 5 watts then
>> you are going no where. The problem for this rig is finding out if you
>> are reflect all your power back
>>
>>
>> On Sun, Oct 27, 2013 at 11:35 AM, Charlie , W5COV <cvest@...> wrote:
>>
>>>
>>>
>>> SWR is a subject that can be discussed all day on here and not everyone
>>> will agree at the end of the day . Too many variables to consider . For the
>>> first at least 10 years of my nearly half century ham career I didn't even
>>> own an SWR bridge and neither did any operator in town that I knew !! Get a
>>> nice sharp dip on the plate and the rig loaded to the antenna and we
>>> managed to work the world without a SWR bridge . Ever turned your present
>>> one around in the line to see just how linear it is ??
>>>
>>> Dale is a well know antenna designer and builder here in the USA . I
>>> have one of his unique designs here , an Omniangle on 17 meters . It
>>> replaced a G5RV dipole . Look at the gain figures on his antenna and you
>>> will certainly be confused if you read antenna manufacturers bloated
>>> figures often referenced to a wet noodle or something they never tell you
>>> about .
>>>
>>> His antenna performs flawlessly ,I have added several new countries in
>>> the short time that I have had it and the really nice thing is it is an
>>> omni directional horizontal !! No need to worry about a rotor quitting or
>>> freezing up in the winter. One person can put it up and only takes minutes
>>> and a phillips screwdriver to assemble !!

>>>
>>> Charlie , W5COV
>>>
>>>
>>> On 10/27/2013 1:16 PM, Droid Power wrote:
>>>
>>>
>>> well still even if you have an antenna that doesnt need a tuner you
>>> need to figure out what the SWR is to make sure your putting out all
>>> the power you can
>>>
>>>
>>> On Sun, Oct 27, 2013 at 10:43 AM, Dale Parfitt <parinc1@frontier.com>wrote:
>>>
>>>>
>>>>
>>>> There is no room for anything like a bridge, tuner or the controls to
>>>> operate them. I found the exact same cabinet as the X1M is available on
>>>> eBay, so anyone could design their own power supplies, hi fi speakers, DSP,
>>>> tuners etc.
>>>>
>>>> My personal preference on tuners has always been to design antennas
>>>> that do not require a tuner, its attendant losses, size, weight, cost and
>>>> complexity.
>>>>
>>>> Dale W4OP
>>>>
>>>>
>>>>
>>>> ----- Original Message -----
>>>> *From:* Paul W. Ross <deadgoose@...>
>>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>>> *Sent:* Sunday, October 27, 2013 12:29 PM
>>>> *Subject:* [X1M_QRP-Transceiver] Re: i saw something about AGC Boards
>>>> is there anyway to build tuner boar
>>>>
>>>>
>>>>
>>>> That SWR bridge from QRPKits is pretty small. They also have some small
>>>> tuners worth looking at.
>>>>
>>>> 73 /paul W3FIS
>>>>
>>>> No virus found in this message.
>>>> Checked by AVG - www.avg.com
>>>> Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date:
>>>> 10/26/13
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1924. Re: Re: [X1M_QRP-Transceiver] X1M Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 18:53:33 UTC
From: M_AND_R_SHAREF
Topic: 1893 Message: 1924

I've often have trouble checking into Yahoo Groups. My Dish Mail sometimes causes trouble. Yahoo has great groups, but I can get into Wiki easier. Keep up the great work.

On Mon, Oct 28, 2013 at 4:48 AM, Droid Power <droidgsm2013@...> wrote:

> **
>
>
> i hope you take a look at it and help make it prettier and more useful
>
>
> On Mon, Oct 28, 2013 at 12:07 AM, <dani.novak.eu@...> wrote:
>
>> **
>>
>>
>> Cool, thanks for setting up the wiki - will make it much easier to
>> find/publish content... never been a fan of Yahoo Groups but do keep up
>> with the mailing list :P.
>>
>
>
>

1925. AGC BOARD INSTALLED IN THE X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 18:59:00 UTC
From: <parinc1@...>
Topic: 1925 Message: 1925

The completed PC board wired into the X1M. Threshold pot set at 1.7VDC.

Dale W4OP

1926. Re: Re: [X1M_QRP-Transceiver] X1M Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 19:00:55 UTC
From: Dale Parfitt
Topic: 1893 Message: 1926

I also have Yahoo issues. It says I am signed in but I cannot bring up my Groups. I have to sign out and sign back in.

Dale W4OP
----- Original Message -----
From: M_AND_R_SHAREF
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 28, 2013 2:53 PM
Subject: Re: Re: [X1M_QRP-Transceiver] X1M Wiki

I've often have trouble checking into Yahoo Groups. My Dish Mail sometimes causes trouble. Yahoo has great groups, but I can get into Wiki easier. Keep up the great work.

On Mon, Oct 28, 2013 at 4:48 AM, Droid Power <droidgsm2013@...> wrote:

i hope you take a look at it and help make it prettier and more useful

On Mon, Oct 28, 2013 at 12:07 AM, <dani.novak.eu@...> wrote:

Cool, thanks for setting up the wiki - will make it much easier to find/publish content... never been a fan of Yahoo Groups but do keep up with the mailing list :P.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1927. Re: [X1M_QRP-Transceiver] Microphone Case Mod

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 19:10:27 UTC
From: Charlie , W5COV
Topic: 1914 Message: 1927

There is a picture of two different speech processors in the photo
version . Both I believe are from Lee's .
Lee/9 and Lee/7 . Lee in 7 land has his inside his microphone case.
Charlie,W5COV
On 10/28/2013 4:17 AM, Droid Power wrote:
> i saw something about a speech processor maybe we can stick it in the mic
>
>
> On Sun, Oct 27, 2013 at 10:30 PM, Charlie , W5COV <cvest@...
> <mailto:cvest@...>> wrote:
>
> I think this may have been brought up before and just last night I
> got
> around to opening up my microphone
> after Dale gave me a heads up on what he had found .
>
> This is an easy and probably a good idea mod to improve your audio .
>
> The microphone case is plastic so be careful when working with
> especially the PTT lever , because it pivots on two very small
> plastic
> pins molded on it .
>
> When you take the back off of the microphone you will see the
> speaker in
> the center and the electret microphone element in the top corner in a
> round cavity that is pretty much totally enclosed and no holes to the
> outside world through the case .
>
> Since the speaker isn't used and is pretty low quality , I removed my
> speaker completely .
> Then to provide a little opening from the front grill to the
> electret I
> simply used an exacto knife and cut me about a 1/4 wide "duct"
> between
> where the speaker used to be and the housing surrounding the mic
> element
> . I trimmed the mic cavity so it was flush with the speaker mount
> lip .
>
> Might help some of you a little with your audio .
>
> Thanks to those that have brought this up . I didn't realize just how
> enclosed the mic really was .
>

> Charlie , W5COV
>
>
>

1928. Re: [X1M_QRP-Transceiver] X1M Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 19:31:11 UTC
From: Charlie , W5COV
Topic: 1893 Message: 1928

I think Yahoo must still be working on this upgrade thing they started a few months ago . I sometimes have such a latency problem posts will often not show up for up to 24 hours . Probably much to the relief of many people :)
I just don't know a single thing about their Wiki project or how it works and I am getting old enough any change can be difficult . I grew up with Yahoo groups and have been very pleased with them until this upgrade . But I still like having a group with a focus on one particular radio and having all of our historical exchanges available for reference .

Charlie , W5COV

On 10/28/2013 2:00 PM, Dale Parfitt wrote:
>
> I also have Yahoo issues. It says I am signed in but I cannot bring up
> my Groups. I have to sign out and sign back in.
> Dale W4OP
>
> ----- Original Message -----
> *From:* M_AND_R_SHAREF <mailto:msharef@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Monday, October 28, 2013 2:53 PM
> *Subject:* Re: Re: [X1M_QRP-Transceiver] X1M Wiki
>
> I've often have trouble checking into Yahoo Groups. My Dish Mail
> sometimes causes trouble. Yahoo has great groups, but I can get
> into Wiki easier. Keep up the great work.
>
>
> On Mon, Oct 28, 2013 at 4:48 AM, Droid Power
> <droidgsm2013@... <mailto:droidgsm2013@...>> wrote:
>
> i hope you take a look at it and help make it prettier and
> more useful
>
>
> On Mon, Oct 28, 2013 at 12:07 AM, <dani.novak.eu@...
> <mailto:dani.novak.eu@...>> wrote:
>
> Cool, thanks for setting up the wiki - will make it much
> easier to find/publish content... never been a fan of
> Yahoo Groups but do keep up with the mailing list :P.
>
>

>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date:
> 10/26/13
>
>

1929. AGC Board installed

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 19:35:17 UTC
From: <parinc1@...>
Topic: 1929 Message: 1929

I built up the first board and have it installed. Working beautifully; it took about 45 minutes- but a lot of that times was spent opening bags and sorting parts.
The pot is TINY and takes some care to get it soldered in properly. Everything else went as expected.

Now, for the first time since I got my radio, the cover is going on.

I'll start bagging parts this evening and am awaiting now bubble packs for shipping. We're getting close.
Two photos of the completed AGC are posted in my W4OP album.

Now, for the first time since I got my radio, the cover is going on. Although I have been thinking of a 4 pole crystal CW filter that would be enabled when CW mode is enabled......

Dale W4OP

1930. Re: [X1M_QRP-Transceiver] AGC Board installed

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 19:53:58 UTC
From: Charlie , W5COV
Topic: 1929 Message: 1930

Kitting those tiny parts would be the most difficult part of the entire project . Even these 1206 's look smaller almost by the day it seems like :)

Aw now Dale enjoy the case on for a while and enjoy the 3586 . lol

You know with me that there is never any hurry . Whenever you find time and get around to it works fine for me. I only keep track of days of the week for Dr. appointments and contests or special events stations . Well NASCAR schedules too :) My "boy" now 42 , sure got a nice win yesterday . Been with him since he was one of the Coke drivers !! I even remember that they had to rent a stick shift car to teach him to drive one when they first started looking at him . Man I am getting old !!

Charlie

On 10/28/2013 2:35 PM, parinc1@... wrote:
>
> I built up the first board and have it installed. Working beautifully;
> it took about 45 minutes- but a lot of that times was spent opening
> bags and sorting parts.
>
> The pot is TINY and takes some care to get it soldered in properly.
> Everything else went as expected.
>
> Now, for the first time since I got my radio, the cover is going on.
>
> I'll start bagging parts this evening and am awaiting now bubble packs
> for shipping. We're getting close.
> Two photos of the completed AGC are posted in my W4OP album.
>
> Now, for the first time since I got my radio, the cover is going on.
> Although I have been thinking of a 4 pole crystal CW filter that
> would be enabled when CW mode is enabled......
>
> Dale W4OP
>

1931. Re: [X1M_QRP-Transceiver] X1M Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 20:05:26 UTC
From: Droid Power
Topic: 1893 Message: 1931

well the x1m wiki is only for the x1m

On Mon, Oct 28, 2013 at 12:31 PM, Charlie , W5COV <cvest@...> wrote:

> **
>
>
> I think Yahoo must still be working on this upgrade thing they started a
> few months ago . I sometimes have such a latency problem posts will often
> not show up for up to 24 hours . Probably much to the relief of many people
> :)
> I just don't know a single thing about their Wiki project or how it works
> and I am getting old enough any change can be difficult . I grew up with
> Yahoo groups and have been very pleased with them until this upgrade . But
> I still like having a group with a focus on one particular radio and having
> all of our historical exchanges available for reference .
>
> Charlie , W5COV
>
>
> On 10/28/2013 2:00 PM, Dale Parfitt wrote:
>
>
>
> I also have Yahoo issues. It says I am signed in but I cannot bring up
> my Groups. I have to sign out and sign back in.
>
> Dale W4OP
>
> ----- Original Message -----
> *From:* M_AND_R_SHAREF <msharef@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Monday, October 28, 2013 2:53 PM
> *Subject:* Re: Re: [X1M_QRP-Transceiver] X1M Wiki
>
>
>
> I've often have trouble checking into Yahoo Groups. My Dish Mail
> sometimes causes trouble. Yahoo has great groups, but I can get into Wiki
> easier. Keep up the great work.
>
>
> On Mon, Oct 28, 2013 at 4:48 AM, Droid Power <droidgsm2013@...>wrote:
>
>>

>> i hope you take a look at it and help make it prettier and more useful
>>
>>
>> On Mon, Oct 28, 2013 at 12:07 AM, <dani.novak.eu@...> wrote:
>>
>>>
>>>
>>> Cool, thanks for setting up the wiki - will make it much easier to
>>> find/publish content... never been a fan of Yahoo Groups but do keep up
>>> with the mailing list :P.
>>>
>>
>>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13
>
>
>
>

1932. Re: [X1M_QRP-Transceiver] Microphone Case Mod

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 20:07:18 UTC
From: Droid Power
Topic: 1914 Message: 1932

where are these pictures i cant seem to see them

On Mon, Oct 28, 2013 at 12:10 PM, Charlie , W5COV <cvest@...> wrote:

> **
>
>
> There is a picture of two different speech processors in the photo version
> . Both I believe are from Lee's .
> Lee/9 and Lee/7 . Lee in 7 land has his inside his microphone case.
> Charlie,W5COV
>
> On 10/28/2013 4:17 AM, Droid Power wrote:
>
>
> i saw something about a speech processor maybe we can stick it in the mic
>
>
> On Sun, Oct 27, 2013 at 10:30 PM, Charlie , W5COV <cvest@cox.net> wrote:
>
>>
>>
>> I think this may have been brought up before and just last night I got
>> around to opening up my microphone
>> after Dale gave me a heads up on what he had found .
>>
>> This is an easy and probably a good idea mod to improve your audio .
>>
>> The microphone case is plastic so be careful when working with
>> especially the PTT lever , because it pivots on two very small plastic
>> pins molded on it .
>>
>> When you take the back off of the microphone you will see the speaker in
>> the center and the electret microphone element in the top corner in a
>> round cavity that is pretty much totally enclosed and no holes to the
>> outside world through the case .
>>
>> Since the speaker isn't used and is pretty low quality , I removed my
>> speaker completely .
>> Then to provide a little opening from the front grill to the electret I
>> simply used an exacto knife and cut me about a 1/4 wide "duct" between
>> where the speaker used to be and the housing surrounding the mic element
>> . I trimmed the mic cavity so it was flush with the speaker mount lip .
>>
>> Might help some of you a little with your audio .

>>
>> Thanks to those that have brought this up . I didn't realize just how
>> enclosed the mic really was .
>>
>> Charlie , W5COV
>>
>
>
>
>

1933. Re: [X1M_QRP-Transceiver] Microphone Case Mod

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 20:39:16 UTC
From: Charlie , W5COV
Topic: 1914 Message: 1933

I am pretty ignorant when it comes to Wiki , so I don't expect any decisions to be made on my input alone .

The pictures are in the photos section on the group home page . Haven't checked them today , but they were there last night / early this morning when I was working on some updates to some of the files and photos I have posted .

Charlie

On 10/28/2013 3:07 PM, Droid Power wrote:
> where are these pictures i cant seem to see them
>
>
> On Mon, Oct 28, 2013 at 12:10 PM, Charlie , W5COV <cvest@...
> <mailto:cvest@...>> wrote:
>
> There is a picture of two different speech processors in the photo
> version . Both I believe are from Lee's .
> Lee/9 and Lee/7 . Lee in 7 land has his inside his microphone case.
> Charlie,W5COV
>
>
> On 10/28/2013 4:17 AM, Droid Power wrote:
>> i saw something about a speech processor maybe we can stick it in
>> the mic
>>
>>
>> On Sun, Oct 27, 2013 at 10:30 PM, Charlie , W5COV <cvest@...
>> <mailto:cvest@...>> wrote:
>>
>> I think this may have been brought up before and just last
>> night I got
>> around to opening up my microphone
>> after Dale gave me a heads up on what he had found .
>>
>> This is an easy and probably a good idea mod to improve your
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>>
>> The microphone case is plastic so be careful when working with
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>> pins molded on it .
>>
>> When you take the back off of the microphone you will see the
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>> the center and the electret microphone element in the top
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>> round cavity that is pretty much totally enclosed and no
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>> outside world through the case .
>>
>> Since the speaker isn't used and is pretty low quality , I
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>> speaker completely .
>> Then to provide a little opening from the front grill to the
>> electret I
>> simply used an exacto knife and cut me about a 1/4 wide
>> "duct" between
>> where the speaker used to be and the housing surrounding the
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>> . I trimmed the mic cavity so it was flush with the speaker
>> mount lip .
>>
>> Might help some of you a little with your audio .
>>
>> Thanks to those that have brought this up . I didn't realize
>> just how
>> enclosed the mic really was .
>>
>> Charlie , W5COV
>>
>>
>
>
>

1934. Re: [X1M_QRP-Transceiver] Microphone Case Mod

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 20:49:02 UTC
From: Droid Power
Topic: 1914 Message: 1934

is it images of the actual mod in the microphone?

On Mon, Oct 28, 2013 at 1:39 PM, Charlie , W5COV <cvest@...> wrote:

> **
>
>
> I am pretty ignorant when it comes to Wiki , so I don't expect any
> decisions to be made on my input alone .
>
> The pictures are in the photos section on the group home page . Haven't
> checked them today , but they were there last night / early this morning
> when I was working on some updates to some of the files and photos I have
> posted .
>
> Charlie
>
>
> On 10/28/2013 3:07 PM, Droid Power wrote:
>
>
> where are these pictures i cant seem to see them
>
>
> On Mon, Oct 28, 2013 at 12:10 PM, Charlie , W5COV <cvest@...> wrote:
>
>>
>>
>> There is a picture of two different speech processors in the photo
>> version . Both I believe are from Lee's .
>> Lee/9 and Lee/7 . Lee in 7 land has his inside his microphone case.
>> Charlie,W5COV
>>
>> On 10/28/2013 4:17 AM, Droid Power wrote:
>>
>>
>> i saw something about a speech processor maybe we can stick it in the
>> mic
>>
>>
>> On Sun, Oct 27, 2013 at 10:30 PM, Charlie , W5COV <cvest@...> wrote:
>>
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>>>
>>> I think this may have been brought up before and just last night I got

>>> around to opening up my microphone
>>> after Dale gave me a heads up on what he had found .
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>>> This is an easy and probably a good idea mod to improve your audio .
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>>> especially the PTT lever , because it pivots on two very small plastic
>>> pins molded on it .
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>>> When you take the back off of the microphone you will see the speaker in
>>> the center and the electret microphone element in the top corner in a
>>> round cavity that is pretty much totally enclosed and no holes to the
>>> outside world through the case .
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>>> Since the speaker isn't used and is pretty low quality , I removed my
>>> speaker completely .
>>> Then to provide a little opening from the front grill to the electret I
>>> simply used an exacto knife and cut me about a 1/4 wide "duct" between
>>> where the speaker used to be and the housing surrounding the mic element
>>> . I trimmed the mic cavity so it was flush with the speaker mount lip .
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>>> Might help some of you a little with your audio .
>>>
>>> Thanks to those that have brought this up . I didn't realize just how
>>> enclosed the mic really was .
>>>
>>> Charlie , W5COV
>>>
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>>
>
>
>

1935. RE: RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 20:54:58 UTC
From: <lphebus@...>
Topic: 1193 Message: 1935

I have posted an improved microphone with compression circuit in the photos section, "compression circuit" album. The advantage over the original design is that the compression chip is only active (~3mA current draw) when the mic is keyed. When the mic is not keyed, the chip goes into shutdown mode drawing <2 micro-Amps. My design is a battery-powered (2X AAA) replacement microphone, not a modification of the existing mic or X1M. The circuit mod should greatly extend battery life and allows elimination of the on/off switch.

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I've bread boarded and tested an audio compressor circuit. Pictures are in the "Photos" section. Compression is adjustable from 1:1 to 6.25:1 which seems like plenty to me. It really helps the audio "punch" of the X1M. My plan is to put the circuit in the microphone case with a couple AAA batteries for power. I thought I would use a design like this http://www.qrpkits.com/microphone.html http://www.qrpkits.com/microphone.html . I tried to power it from the +5 volts the socket provides for the electret microphone, but the compressor current draw, although small (<3mA), loaded the 5V down to about 1.7 V. I am surprised by this. The AAA batteries should last a long time however. There are two potentiometers (blue) in the bread boarded circuit. The left is the compression level (Rcomp) and the right is the attenuator adjustment. The output of the compressor chip is a bit too high to feed directly into the X1M.

---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

LOL Maybe that is why I am an old bachelor . My two dogs don't seem to complain at all and I am a true night person so I am not normally even on the net this early in the morning .

I work DX , various digital modes , the part 15 bands , and I am working on a new part 5 license , where the bands are night time bands , plus I have always enjoyed the peace and quiet of the wee morning hours .

If the bands aren't open I ALWAYS have at least one project on the bench that I am building and usually several at the same time .

However since I went to computer logging , I have gone back to using headsets , so my hands are pretty much free to type when I am on phone . One day I may need to add VOX to the X1M . Right now I have a momentary push button in a film can type plastic container to activate the PTT , until I decide what I want to put in a mic interface box for this little gem or see if I can possibly work with smaller SMT devices and squeeze something inside of it. I can go smaller but 1206 are the smallest I am really at ease with and they are fast disappearing from the market .

Charlie , W5COV

On 9/22/2013 10:36 AM, M_AND_R_SHAREF wrote:

I use to do all my operating late at night. CW and head phones are the way to go if you want to stay married. HI 73

On Sat, Sep 21, 2013 at 12:47 AM, Charlie , W5COV <cvest@... mailto:cvest@...> wrote:
Any new or updated information on how this project is coming along ?

Inquiring minds want to know :)

Charlie , W5COV

On 9/4/2013 12:49 PM, orders@... mailto:orders@... wrote:

I bit the bullet and ordered a ssm2167 on a breakout board from them. I decided against soiling my playing with bad soldering fruseration for the moment and instead will forgo the extra coffee one day. I'm thinking and inline version would be the most useful to start out -- plug the mic into the inline box and then have a tail from the board into the rig. There isn't any room in the rig to stick it easily and putting it directly into the mic would limit it to one circuit per mic... also not flexible. The other option is a larger block in the middle of the mic cable but that seems the wrong way.

Anyone have any thoughts on a performed form factor for it?
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <orders@...> mailto:orders@... wrote:

BTW digikey part number for the SSM2167 is SSM2167-1RMZ-REELCT-ND
http://www.digikey.com/product-detail/en/SSM2167-1RMZ-REEL/SSM2167-1RMZ-REELCT-ND/1628139

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> mailto:mr.olson@... wrote:

Oops, my mistake.Â I bought mine from a different seller 190593669424Â Must be old timers disease kicking in again.

Lee â€“ N9LO

From: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Bill Maxwell
Sent: Tuesday, September 03, 2013 12:19 AM
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Didn't see the chips in that seller's store, Lee. Can you give us the item number for them, please.

Bill, VK7MX
On 3/09/2013 4:14 AM, Lee wrote:

I ordered 2 of the chips on eBay, just in case I kill one, and some chip adapter boards from the same seller. Put item number 181138215223 in the search box to see then.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, September 02, 2013 11:54 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

The more and more I look at this the more and more I want to play with little chip but it is in a tiny tiny MSOP package. And my soldering skills/hand steadiness is NO WHERE near close enough to jump right in. Anyone have a great easy way to put an MSOP chip onto a breadboard or anything like that? I've seen some 'easy' convertors for SMD chips but none for MSOP -- and I guess I haven't looked to see if they would work. Anyway -- if anyone has any great suggestions I'd appreciate it!

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:
Thank Ken! Yup I'm thinking with 5 w I'm going to want the most talk power for the punch of my voice. Although I haven't done the math to see the difference between 0.5w and 5w. if my db brain remembers it probably isn't that much ! much like the difference between 5w and 100w ;) But I suspect it is bigger if I compare 0.5 w to 100w ;) And the goal is to get it as compressed and gained right to point before degrading! And we will see where that lands me! And to top that off the neighbor in the new apartment is really sensitive to me talking at night -- she has come twice at 1am to ask me to keep it down while conversing with a friend at lower than normal voices already. So the more punch I can get out of the mic at lower levels the more I can work in the nighhhhhhht!

And thanks for the thumbs up I'm loving the trip!
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <krtdowns@...> wrote:
Great attitude, Chris! I'm not familiar with that IC, but it sounds as though it has the functions you are seeking. Reasonable compression will add substantially to your "talk power." Like most things, it can be overdone and degrade your signal. Sounds as though you are tackling the learning opportunities this little rig offers with zest and enthusiasm. Have fun and enjoy the trip!
Ken, W1KRT

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:
Man oh Man! Am I loving this little rig! Not because it is perfect and a great value out of the box but for the exact reason I bit the bullet and bought it before it was all polished: Great learning rig! Every time some limit or question is hit I have a reason to go digging and exploring around in the bits that make radios tick. I'll be happy to get my fully functioning rig to actual work on the air but this is a little gem in my eyes for crackin' open the door to learning about radios!

Anyway, my newest exploration is around the audio and SSB and this little fellar. From what Ed has walked me through I'm beating down the path that the radio WILL transmit 5w PEP on SSB .. the mic, gain, compression, preamp, etc are the limiting factor to making this usable out of the box. I'm currently playing down the path that the gain adjustment in the rig will be sufficient if I can compress the audio so more of it is towards the 5W 'section'. During my dive into this sort of theory I can across this little gem of a chip: http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.htm

l http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html

Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

I've got plenty more to do to see if this theory will be valid in the x1m and how it all fits together but I'm loving this rig just for giving me framework to explore and ask about this things. Before this little fella and my trying to test if the SSB output was 'good' and if I needed to send it back everything was just words and now its all tying together. Having a ball!

Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

-Chris
KC8MUS

1936. Re: [X1M_QRP-Transceiver] RE: RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 21:03:53 UTC
From: Charlie , W5COV
Topic: 1193 Message: 1936

Lee , have you looked at I believe it is R48C in the radio , a 3.3K resistor and paralleling another 3.3K perhaps right on top of it to power your microphone ?

Dale and I were discussing it and he is much quicker with math and the diagrams and he came up with that idea to maybe do away with the batteries .

Charlie , W5COV

On 10/28/2013 3:54 PM, lphebus@... wrote:
>
> I have posted an improved microphone with compression circuit in the
> photos section, "compression circuit" album. The advantage over the
> original design is that the compression chip is only active (~3mA
> current draw) when the mic is keyed. When the mic is not keyed, the
> chip goes into shutdown mode drawing <2 micro-Amps. My design is a
> battery-powered (2X AAA) replacement microphone, not a modification of
> the existing mic or X1M. The circuit mod should greatly extend
> battery life and allows elimination of the on/off switch.
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>
> ---In X1M_QRP-Transceiver@yahoogroups.com,
> <x1m_qrp-transceiver@yahoogroups.com> wrote:
>
> I've bread boarded and tested an audio compressor circuit. Pictures
> are in the "Photos" section. Compression is adjustable from 1:1 to
> 6.25:1 which seems like plenty to me. It really helps the audio
> "punch" of the X1M. My plan is to put the circuit in the microphone
> case with a couple AAA batteries for power. I thought I would use a
> design like this http://www.qrpkits.com/microphone.html . I tried to
> power it from the +5 volts the socket provides for the electret
> microphone, but the compressor current draw, although small (<3mA),
> loaded the 5V down to about 1.7 V. I am surprised by this. The AAA
> batteries should last a long time however. There are two
> potentiometers (blue) in the bread boarded circuit. The left is the
> compression level (Rcomp) and the right is the attenuator adjustment.
> The output of the compressor chip is a bit too high to feed directly
> into the X1M.
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:
>

> LOL Maybe that is why I am an old bachelor . My two dogs don't seem to
> complain at all and I am a true night person so I am not normally even
> on the net this early in the morning .
>
> I work DX , various digital modes , the part 15 bands , and I am
> working on a new part 5 license , where the bands are night time bands
> , plus I have always enjoyed the peace and quiet of the wee morning
> hours .
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1937. RE: Re: [X1M_QRP-Transceiver] RE: RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 21:13:20 UTC
From: <lphebus@...>
Topic: 1193 Message: 1937

Thanks!!! I'll take a look!

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Lee , have you looked at I believe it is R48C in the radio , a 3.3K resistor and paralleling another 3.3K perhaps right on top of it to power your microphone ?

Dale and I were discussing it and he is much quicker with math and the diagrams and he came up with that idea to maybe do away with the batteries .

Charlie , W5COV

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Inquiring minds want to know :)

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KC8MUS

1938. Re: [X1M_QRP-Transceiver] AGC Board installed

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 21:27:39 UTC
From: Victor Schensnovich
Topic: 1929 Message: 1938

Hi Dale, is it possible to buy AGC kit or assemled?
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

parinc1@... wrote:

I built up the first board and have it installed. Working beautifully; it took about 45 minutes- but a lot of that times was spent opening bags and sorting parts.

The pot is TINY and takes some care to get it soldered in properly. Everything else went as expected.

Now, for the first time since I got my radio, the cover is going on.

I'll start bagging parts this evening and am awaiting now bubble packs for shipping. We're getting close.

Two photos of the completed AGC are posted in my W4OP album.

Now, for the first time since I got my radio, the cover is going on. Although I have been thinking of a 4 pole crystal CW filter that would be enabled when CW mode is enabled......

Dale W4OP

1939. Re: Re: [X1M_QRP-Transceiver] RE: RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 21:34:43 UTC
From: Dale Parfitt
Topic: 1193 Message: 1939

Hi Lee,
Measure exactly what your current drain is and change out the resistor that is in series with the 9T voltage that is impressed on the mic socket.
As Charlie pointed out, it is currently 3.3K at least on the schematic.

Dale W4OP

To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 28, 2013 5:13 PM
Subject: RE: Re: [X1M_QRP-Transceiver] RE: RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Thanks!!! I'll take a look!

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Ken, W1KRT

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Man oh Man! Am I loving this little rig! Not because it is perfect and a great value out of the box but for the exact reason I bit the bullet and bought it before it was all polished: Great learning rig! Every time some limit or question is hit I have a reason to go digging and exploring around in the bits that make radios tick. I'll be happy to get my fully functioning rig to actual work on the air but this is a little gem in my eyes for crackin' open the door to learning about radios!

Anyway, my newest exploration is around the audio and SSB and this little fellar. From what Ed has walked me through I'm beating down the path that the radio WILL transmit 5w PEP on SSB .. the mic, gain, compression, preamp, etc are the limiting factor to making this usable out of the box. I'm currently playing down the path that the gain adjustment in the rig will be sufficient if I can compress the audio so more of it is towards the 5W 'section'. During my dive into this sort of theory I can across this little gem of a chip:

http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html

Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

I've got plenty more to do to see if this theory will be valid in the x1m and how it all fits together but I'm loving this rig just for giving me framework to explore and ask about this things. Before this little fella and my trying to test if the SSB output was 'good' and if I needed to send it back everything was just words and now its all tying together. Having a ball!

Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

-Chris

KC8MUS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1940. x1m agc manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-28 23:27:51 UTC
From: <parinc1@...>
Topic: 1940 Message: 1940

I just posted a first draft manual for building and installing the AGC board for the X1M to the Files section. Please, read this and let me know of unclear steps, typoes and outright errors.

Thanks,
Dale W4OP

1941. Re: [X1M_QRP-Transceiver] AGC Board installed

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 00:04:14 UTC
From: Dale Parfitt
Topic: 1929 Message: 1941

Hi Victor,
I am sorry, I simply do not have the time. My company keeps me going 80+ hours/week. I am hoping some builders will step forward from this group.

Dale W4OP
----- Original Message -----
From: Victor Schensnovich
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 28, 2013 5:27 PM
Subject: Re: [X1M_QRP-Transceiver] AGC Board installed

Hi Dale, is it possible to buy AGC kit or assemled?
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

parinc1@... wrote:

I built up the first board and have it installed. Working beautifully; it took about 45 minutes- but a lot of that times was spent opening bags and sorting parts.

The pot is TINY and takes some care to get it soldered in properly. Everything else went as expected.

Now, for the first time since I got my radio, the cover is going on.

I'll start bagging parts this evening and am awaiting now bubble packs for shipping. We're getting close.
Two photos of the completed AGC are posted in my W4OP album.

Now, for the first time since I got my radio, the cover is going on. Although I have been thinking of a 4 pole crystal CW filter that would be enabled when CW mode is enabled......

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1942. X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 01:36:06 UTC
From: <parinc1@...>
Topic: 1535 Message: 1942

No wonder the pot was difficult to mount- I ordered the wrong size. New ones will be here Wednesday at the latest.
Does anyone want a bare board to build up themselves? I can ship them now for $5 which includes USPS shipping in a bubble envelope.

Dale W4OP

1943. RE: Still Waiting For An Answer From KightRadio.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 01:46:25 UTC
From: <gedanate@...>
Topic: 1359 Message: 1943

There is (was) a BuySafe guarantee, however it says it is good for 30 days only. Here is a cut and paste from the pdf document:
Corporate Guarantee Number: 07INT 010879-
00000013
ONLINE TRANSACTION CORPORATE GUARANTEE
WHEREAS, Kight Radio & Electronics as Principal ("Merchant") has entered into an online agreement
with gedanate@yahoo.com at gedanate@yahoo.com ("Buyer") for X1M QRP SSB/CW Transceiver [item or SKU], at URL
Kight Radio & Electronics ("Item"), as more particularly described in Merchant's web-site description and conditions of sale
(collectively, the "Sales Contract"), which Sales Contract is made a part hereof by reference; and WHEREAS, Buyer has
agreed to purchase from Merchant pursuant to the Sales Contract;
NOW, THEREFORE, it is agreed that Merchant and buySAFE Claim Services, Inc. are liable to Buyer up to the amount of
the Item price, being US $289.95, two hundred and eighty nine dollars and ninety five cents, for the payment of which sum,
and no more, we bind ourselves and our assigns subject to all terms, conditions and restrictions set forth below.
THIS CORPORATE GUARANTEE IS SUBJECT TO AND LIMITED BY THE FOLLOWING TERMS AND CONDITIONS:
1. This obligation is good for thirty (30) days from the close of the online transaction, which was 3/27/2013 (the "Closing
Date").
2. It is a condition precedent to the recovery on this Corporate Guarantee that notice of any potential claim on this
Corporate Guarantee must be registered with buySAFE, Inc. no later than thirty (30) days from the Closing Date
("Claim Deadline Date"). The Claim Deadline Date may not be extended for any reason, including, without
limitation, any term of the Sales Contract or other circumstance which may serve to extend the date of delivery of the
Item beyond thirty (30) days from the Closing Date.
3. It is a condition precedent to recovery on this Corporate Guarantee that the Merchant and the Buyer, to the extent
permitted by law, must have participated fully in the buySAFE, Inc. Dispute Resolution Process (as set forth elsewhere
on the buySAFE, Inc. site, www.buysafe.com). Where the buySAFE, Inc. Dispute Resolution Process is not
permitted by law, alternative procedures are available and are defined in the buySAFE, Inc. Terms and Conditions.
Notwithstanding any other provision herein, buySAFE Claim Services, Inc. shall be the sole arbiter of any claim
brought by Buyer in connection with this Corporate Guarantee.
4. The Corporate Guarantee ceases to be in force or effect in connection with any

transaction, in the event that:
a. Merchant satisfies the conditions of sale contained in the Sales Contract;
b. Merchant indemnifies and holds the Buyer harmless for an amount equal to or greater than the amount of this
Corporate Guarantee from all direct cost and damage incurred by reason of Merchant's failure to satisfy the
Sales Contract;
c. Buyer has not met the terms of the Sales Contract, including making full payment; or
d. The sale of the Item violates (i) any applicable law or regulation; (ii) the terms of use of the marketplace
governing the underlying online transaction; or (iii) buySAFE, Inc.'s Terms and Conditions, which is made a part
hereof by reference, and which may be viewed at www.buysafe.com.
5. Acceptance of the Item by Buyer terminates all liability of buySAFE Claim Services, Inc., unless a defect was not
known or discoverable at the time of acceptance, but in no circumstance will liability hereunder extend beyond thirty
(30) days after the Closing Date.
6. buySAFE Claim Services, Inc. reserves the right in its sole discretion to choose the method most appropriate to
remedy the Buyer's damages, if any.
7. buySAFE Claim Services, Inc. shall not be liable under any circumstances for any damages related to any of the
following:
a. Damages in excess of the Item price or TWENTY-FIVE THOUSAND DOLLARS ($25,000), whichever is less;
b. Express, implied or statutory product warranties or guarantees of any kind, including without limitation implied
warranties of merchantability or fitness for a particular purpose;
c. Special, incidental, consequential or punitive damages; or
d. Diminution in value of the Item.
8. Any litigation by the parties to and based on this Corporate Guarantee must be commenced within one year from the
Closing Date, except where the applicable period of limitation required by law is longer, then such period shall be the
shortest allowable by such law.
Signed, sealed, and dated this 27th day of March, 2013 at 2:19 AM PT at OK .
DAY MONTH YEAR TIME STATE
Principal: Kight Radio & Electronics
MERCHANT NAME
Guarantor: buySAFE Claim Services, Inc.

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I have seen other X1M buyers complain in this Group about KightRadio ignoring them, and I have stuck up for KightRadio in the past, defended them from all kinds of angry comments.

I sent in my money as a pre-paid order back in May, and I have gotten to the point where I am not willing to wait any more.

Dale used to answer my emails, months ago, but the last answer I received from him (whan i said gimme me radio or refund my money!) just said "Are you receiving my emails?" and it

said absolutely nothing else. It didn't say what was happening.

Since that time I have emailed a further 5 or so enquiries, and all of them have been ignored. So I now feel rather negatively towards KightRadio, since they have not handled the situation at all well, as far as I can see.

Is the Dale I have recently seen discussing this little transceiver the same Dale who once replied to me politely from KightRadio, or are they two different people?

I do know the factory has been very very slow in sending KightRadio the units they had ordered, but from what I have been reading in here for all these months, the radio still has so many things wrong with it I am not comfortable with the idea of trying to fix the thing when (or if) I ever get one.

So I want my money back, unless I know I will get one with all the fixes - such as the CW alignment - done properly by the factory.. Then again, I might well die of old age waiting.

What do you suggest, guys? And Dale, are you the guy I should be talking to or is that Dale somebody else? I have already paid KightRadio for the rig, so if they can't supply it, they ought to refund me. I am certainly not willing to pay twice for the radio.

73 de David Harvey, vk2dmh.

1944. RE: Still Waiting For An Answer From KightRadio.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 01:48:40 UTC
From: <gedanate@...>
Topic: 1359 Message: 1944

Well still sweet bugger-all from Dale Kight of Kight Radio & Electronics. No refund, no radio and no answers.

I went back through my emails and discovered I actually paid the guy on March 27th, 2013. It is order number KR-1162.

Still no answers to my emails or to messages posted directly to his web page. Sadly I can find no Paypal record, so I must have used by credit card with him directly instead.

I don't care what his problems are, when he ignores his customers and will not communicate, then there is no excuse.

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73 de David Harvey, vk2dmh.

1945. RE: Re: Re: [X1M_QRP-Transceiver] RE: RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 01:59:01 UTC
From: <lphebus@...>
Topic: 1193 Message: 1945

Thanks Dale, I see that resistor R48C is limiting the current to the mic. I've got the battery-powered one nearly completed. Once done, I'll take a look at lowering that resistor value and building one powered by the X1M. It should easily fit into the X1M stock mic case. My experience so far suggests that a little compression really adds to the average signal power and readability.

Lee

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

☐ Hi Lee,
Measure exactly what your current drain is and change out the resistor that is in series with the 9T voltage that is impressed on the mic socket.
As Charlie pointed out, it is currently 3.3K at least on the schematic.

Dale W4OP

To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 28, 2013 5:13 PM
Subject: RE: Re: [X1M_QRP-Transceiver] RE: RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Thanks!!! I'll take a look!

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:

Lee , have you looked at I believe it is R48C in the radio , a 3.3K resistor and paralleling another 3.3K perhaps right on top of it to power your microphone ?

Dale and I were discussing it and he is much quicker with math and the diagrams and he came up with that idea to maybe do away with the batteries .

Charlie , W5COV

On 10/28/2013 3:54 PM, lphebus@... mailto:lphebus@... wrote:

I have posted an improved microphone with compression circuit in the photos section, "compression circuit" album. The advantage over the original design is that the compression chip is only active (~3mA current draw) when the mic is keyed. When the mic is not keyed, the chip goes into shutdown mode drawing <2 micro-Amps. My design is a battery-powered (2X AAA) replacement microphone, not a modification of the existing mic or X1M. The circuit mod should greatly extend battery life and allows elimination of the on/off switch.

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> mailto:x1m_qrp-transceiver@yahoogroups.com wrote:

I've bread boarded and tested an audio compressor circuit. Pictures are in the "Photos" section. Compression is adjustable from 1:1 to 6.25:1 which seems like plenty to me. It really helps the audio "punch" of the X1M. My plan is to put the circuit in the microphone case with a couple AAA batteries for power. I thought I would use a design like this http://www.qrpkits.com/microphone.html http://www.qrpkits.com/microphone.html . I tried to power it from the +5 volts the socket provides for the electret microphone, but the compressor current draw, although small (<3mA), loaded the 5V down to about 1.7 V. I am surprised by this. The AAA batteries should last a long time however. There are two potentiometers (blue) in the bread boarded circuit. The left is the compression level (Rcomp) and the right is the attenuator adjustment. The output of the compressor chip is a bit too high to feed directly into the X1M.

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <cvest@...> mailto:cvest@... wrote:

LOL Maybe that is why I am an old bachelor . My two dogs don't seem to complain at all and I am a true night person so I am not normally even on the net this early in the morning .

I work DX , various digital modes , the part 15 bands , and I am working on a new part 5 license , where the bands are night time bands , plus I have always enjoyed the peace and quiet of the wee morning hours .

If the bands aren't open I ALWAYS have at least one project on the bench that I am building and usually several at the same time .

However since I went to computer logging , I have gone back to using headsets , so my hands are pretty much free to type when I am on phone . One day I may need to add VOX to the X1M . Right now I have a momentary push button in a film can type plastic container to activate the PTT , until I decide what I want to put in a mic interface box for this little gem or see if I can possibly work with smaller SMT devices and squeeze something inside of it. I can go smaller but 1206 are the smallest I am really at ease with and they are fast disappearing from the market .

Charlie , W5COV

On 9/22/2013 10:36 AM, M_AND_R_SHAREF wrote:

I use to do all my operating late at night. CW and head phones are the way to go if you want to stay married. HI 73

On Sat, Sep 21, 2013 at 12:47 AM, Charlie , W5COV <cvest@... mailto:cvest@...> wrote:
Any new or updated information on how this project is coming along ?

Inquiring minds want to know :)

Charlie , W5COV

On 9/4/2013 12:49 PM, orders@... mailto:orders@... wrote:

I bit the bullet and ordered a ssm2167 on a breakout board from them. I decided against soiling my playing with bad soldering fruseration for the moment and instead will forgo the extra coffee one day. I'm thinking and inline version would be the most useful to start out -- plug the mic into the inline box and then have a tail from the board into the rig. There isn't any room in the rig to stick it easily and putting it directly into the mic would

limit it to one circuit per mic... also not flexible. The other option is a larger block in the middle of the mic cable but that seems the wrong way.

Anyone have any thoughts on a performed form factor for it?
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <orders@...> mailto:orders@... wrote:

BTW digikey part number for the SSM2167 is SSM2167-1RMZ-REELCT-ND
http://www.digikey.com/product-detail/en/SSM2167-1RMZ-REEL/SSM2167-1RMZ-REELCT-ND/1628139

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> mailto:mr.olson@... wrote:

Oops, my mistake.Â I bought mine from a different seller 190593669424Â Must be old timers disease kicking in again.

Lee â€“ N9LO

From: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Bill Maxwell
Sent: Tuesday, September 03, 2013 12:19 AM
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Didn't see the chips in that seller's store, Lee. Can you give us the item number for them, please.

Bill, VK7MX
On 3/09/2013 4:14 AM, Lee wrote:

I ordered 2 of the chips on eBay, just in case I kill one, and some chip adapter boards from the same seller. Put item number 181138215223 in the search box to see then.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, September 02, 2013 11:54 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

The more and more I look at this the more and more I want to play with little chip but it is in a tiny tiny MSOP package. And my soldering skills/hand steadiness is NO WHERE near close enough to jump right in. Anyone have a great easy way to put an MSOP chip onto a breadboard or anything like that? I've seen some 'easy' convertors for SMD chips but none for MSOP -- and I guess I haven't looked to see if they would work. Anyway -- if anyone has any great suggestions I'd appreciate it!

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:
Thank Ken! Yup I'm thinking with 5 w I'm going to want the most talk power for the punch of

my voice. Although I haven't done the math to see the difference between 0.5w and 5w. if my db brain remembers it probably isn't that much ! much like the difference between 5w and 100w ;) But I suspect it is bigger if I compare 0.5 w to 100w ;) And the goal is to get it as compressed and gained right to point before degrading! And we will see where that lands me! And to top that off the neighbor in the new apartment is really sensitive to me talking at night -- she has come twice at 1am to ask me to keep it down while conversing with a friend at lower than normal voices already. So the more punch I can get out of the mic at lower levels the more I can work in the nighhhhhhht!

And thanks for the thumbs up I'm loving the trip!
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <krtdowns@...> wrote:
Great attitude, Chris! I'm not familiar with that IC, but it sounds as though it has the functions you are seeking. Reasonable compression will add substantially to your "talk power." Like most things, it can be overdone and degrade your signal. Sounds as though you are tackling the learning opportunities this little rig offers with zest and enthusiasm. Have fun and enjoy the trip!
Ken, W1KRT

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:
Man oh Man! Am I loving this little rig! Not because it is perfect and a great value out of the box but for the exact reason I bit the bullet and bought it before it was all polished: Great learning rig! Every time some limit or question is hit I have a reason to go digging and exploring around in the bits that make radios tick. I'll be happy to get my fully functioning rig to actual work on the air but this is a little gem in my eyes for crackin' open the door to learning about radios!

Anyway, my newest exploration is around the audio and SSB and this little fellar. From what Ed has walked me through I'm beating down the path that the radio WILL transmit 5w PEP on SSB .. the mic, gain, compression, preamp, etc are the limiting factor to making this usable out of the box. I'm currently playing down the path that the gain adjustment in the rig will be sufficient if I can compress the audio so more of it is towards the 5W 'section'. During my dive into this sort of theory I can across this little gem of a chip: http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html

Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

I've got plenty more to do to see if this theory will be valid in the x1m and how it all fits together but I'm loving this rig just for giving me framework to explore and ask about this things. Before this little fella and my trying to test if the SSB output was 'good' and if I needed to send it back everything was just words and now its all tying together. Having a ball!

Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

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KC8MUS

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Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1946. RE: [X1M_QRP-Transceiver] RE: Still Waiting For An Answer From KightRadio.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 02:01:08 UTC
From: Fred VE3FAL
Topic: 1359 Message: 1946

It is a different DALE guys….

Fred

VE3FAL

Is the Dale I have recently seen discussing this little transceiver the same Dale who once replied to me politely from KightRadio, or are they two different people?

What do you suggest, guys? And Dale, are you the guy I should be talking to or is that Dale somebody else? I have already paid KightRadio for the rig, so if they can't supply it, they ought to refund me. I am certainly not willing to pay twice for the radio.

1947. RE: [X1M_QRP-Transceiver] RE: Still Waiting For An Answer From KightRadio.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 02:14:01 UTC
From: Lee
Topic: 1359 Message: 1947

Call the credit card company and have the do a charge back.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of gedanate@...
Sent: Monday, October 28, 2013 8:49 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Still Waiting For An Answer From KightRadio.com

Well still sweet bugger-all from Dale Kight of Kight Radio & Electronics. No refund, no radio and no answers.

I went back through my emails and discovered I actually paid the guy on March 27th, 2013. It is order number KR-1162.

Still no answers to my emails or to messages posted directly to his web page. Sadly I can find no Paypal record, so I must have used by credit card with him directly instead.

I don't care what his problems are, when he ignores his customers and will not communicate, then there is no excuse.

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73 de David Harvey, vk2dmh.

1948. RE: RE: Still Waiting For An Answer From KightRadio.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 02:16:38 UTC
From: <johnkc8jzo@...>
Topic: 1359 Message: 1948

Hello David and Group,

I'm still here waiting myself too. That is, for my RMA'd replacement. Last reply was August 20, saying radios would be in within a week or less at the time. The latest word from those in the group seem to suggest the next batch of radios should be "arriving" sometime in mid November. At this point, I'm going to wait until these radios supposedly should come in. If I do not see or hear anything by the end of next month, then I'm getting proactive. I agree . . . he should be communicating to us. I know he is capable of it . . . that's one of the reasons why i bought from him in the first place. Still though, you would think he would at least pipe up with his reputation on the line. Ultimately, I would still like a radio. I paid for it, and I got a defective product. He offered a warranty replacement, and I went that route. A warranty is a warranty, after all. Sadly though, this whole experience has left me quite frustrated. Sorry if I'm not making sense here.

BTW, could Ed from Import Communications get us some answers from Dale K?

John G.
KC8JZO

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Well still sweet bugger-all from Dale Kight of Kight Radio & Electronics. No refund, no radio and no answers.

I went back through my emails and discovered I actually paid the guy on March 27th, 2013. It is order number KR-1162.

Still no answers to my emails or to messages posted directly to his web page. Sadly I can find no Paypal record, so I must have used by credit card with him directly instead.

I don't care what his problems are, when he ignores his customers and will not communicate, then there is no excuse.

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I have seen other X1M buyers complain in this Group about KightRadio ignoring them, and I have stuck up for KightRadio in the past, defended them from all kinds of angry comments.

I sent in my money as a pre-paid order back in May, and I have gotten to the point where I am not willing to wait any more.

Dale used to answer my emails, months ago, but the last answer I received from him (whan i said gimme me radio or refund my money!) just said "Are you receiving my emails?" and it said absolutely nothing else. It didn't say what was happening.

Since that time I have emailed a further 5 or so enquiries, and all of them have been ignored. So I now feel rather negatively towards KightRadio, since they have not handled the situation at all well, as far as I can see.

Is the Dale I have recently seen discussing this little transceiver the same Dale who once replied to me politely from KightRadio, or are they two different people?

I do know the factory has been very very slow in sending KightRadio the units they had ordered, but from what I have been reading in here for all these months, the radio still has so many things wrong with it I am not comfortable with the idea of trying to fix the thing when (or if) I ever get one.

So I want my money back, unless I know I will get one with all the fixes - such as the CW alignment - done properly by the factory.. Then again, I might well die of old age waiting.

What do you suggest, guys? And Dale, are you the guy I should be talking to or is that Dale somebody else? I have already paid KightRadio for the rig, so if they can't supply it, they ought to refund me. I am certainly not willing to pay twice for the radio.

73 de David Harvey, vk2dmh.

1949. SSM2167 External Speech Conditioner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 02:34:13 UTC
From: <mr.olson@...>
Topic: 1949 Message: 1949

I just uploaded SSM2167 External Speech Conditioner.pdf to the Files section. I finally got it complete.
Lee - N9LO

1950. Re: [X1M_QRP-Transceiver] RE: Still Waiting For An Answer From KightRadio.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 03:00:08 UTC
From: Charlie , W5COV
Topic: 1359 Message: 1950

LET ME ASSURE YOU THIS DALE HAS NO AFFILIATION WITH KIGHT RADIO !!!!!!!

This Dale , W4OP , IS VERY WELL RESPECTED WORLDWIDE IN THE HAM COMMUNITY !!

He is IN FACT THE DESIGNER OF THE PAR EFHW AND OWNER OF PAR ELECTRONICS !!!

FEEL FREE TO LOOK HIM UP ON QRZ OR HIS COMPANY WEB PAGE .

Charlie , W5COV

On 10/28/2013 8:46 PM, gedanate@... wrote:
>
> There is (was) a BuySafe guarantee, however it says it is good for 30
> days only. Here is a cut and paste from the pdf document:
>
> Corporate Guarantee Number: 07INT 010879-
>
> 00000013
>
> ONLINE TRANSACTION CORPORATE GUARANTEE
>
> WHEREAS, Kight Radio & Electronics as Principal ("Merchant") has
> entered into an online agreement
>
> with gedanate@... at gedanate@... ("Buyer") for X1M QRP
> SSB/CW Transceiver [item or SKU], at URL
>
> Kight Radio & Electronics ("Item"), as more particularly described in
> Merchant's web-site description and conditions of sale
>
> (collectively, the "Sales Contract"), which Sales Contract is made a
> part hereof by reference; and WHEREAS, Buyer has
>
> agreed to purchase from Merchant pursuant to the Sales Contract;
>
> NOW, THEREFORE, it is agreed that Merchant and buySAFE Claim Services,
> Inc. are liable to Buyer up to the amount of
>
> the Item price, being US $289.95, two hundred and eighty nine dollars
> and ninety five cents, for the payment of which sum,
>
> and no more, we bind ourselves and our assigns subject to all terms,
> conditions and restrictions set forth below.
>
> THIS CORPORATE GUARANTEE IS SUBJECT TO AND LIMITED BY THE FOLLOWING

> TERMS AND CONDITIONS:
>
> 1. This obligation is good for thirty (30) days from the close of the
> online transaction, which was 3/27/2013 (the "Closing
>
> Date").
>
> 2. It is a condition precedent to the recovery on this Corporate
> Guarantee that notice of any potential claim on this
>
> Corporate Guarantee must be registered with buySAFE, Inc. no later
> than thirty (30) days from the Closing Date
>
> ("Claim Deadline Date"). The Claim Deadline Date may not be extended
> for any reason, including, without
>
> limitation, any term of the Sales Contract or other circumstance which
> may serve to extend the date of delivery of the
>
> Item beyond thirty (30) days from the Closing Date.
>
> 3. It is a condition precedent to recovery on this Corporate Guarantee
> that the Merchant and the Buyer, to the extent
>
> permitted by law, must have participated fully in the buySAFE, Inc.
> Dispute Resolution Process (as set forth elsewhere
>
> on the buySAFE, Inc. site, www.buysafe.com). Where the buySAFE, Inc.
> Dispute Resolution Process is not
>
> permitted by law, alternative procedures are available and are defined
> in the buySAFE, Inc. Terms and Conditions.
>
> Notwithstanding any other provision herein, buySAFE Claim Services,
> Inc. shall be the sole arbiter of any claim
>
> brought by Buyer in connection with this Corporate Guarantee.
>
> 4. The Corporate Guarantee ceases to be in force or effect in
> connection with any transaction, in the event that:
>
> a. Merchant satisfies the conditions of sale contained in the Sales
> Contract;
>
> b. Merchant indemnifies and holds the Buyer harmless for an amount
> equal to or greater than the amount of this
>
> Corporate Guarantee from all direct cost and damage incurred by reason
> of Merchant's failure to satisfy the
>

> Sales Contract;
>
> c. Buyer has not met the terms of the Sales Contract, including making
> full payment; or
>
> d. The sale of the Item violates (i) any applicable law or regulation;
> (ii) the terms of use of the marketplace
>
> governing the underlying online transaction; or (iii) buySAFE, Inc.'s
> Terms and Conditions, which is made a part
>
> hereof by reference, and which may be viewed at www.buysafe.com.
>
> 5. Acceptance of the Item by Buyer terminates all liability of buySAFE
> Claim Services, Inc., unless a defect was not
>
> known or discoverable at the time of acceptance, but in no
> circumstance will liability hereunder extend beyond thirty
>
> (30) days after the Closing Date.
>
> 6. buySAFE Claim Services, Inc. reserves the right in its sole
> discretion to choose the method most appropriate to
>
> remedy the Buyer's damages, if any.
>
> 7. buySAFE Claim Services, Inc. shall not be liable under any
> circumstances for any damages related to any of the
>
> following:
>
> a. Damages in excess of the Item price or TWENTY-FIVE THOUSAND DOLLARS
> ($25,000), whichever is less;
>
> b. Express, implied or statutory product warranties or guarantees of
> any kind, including without limitation implied
>
> warranties of merchantability or fitness for a particular purpose;
>
> c. Special, incidental, consequential or punitive damages; or
>
> d. Diminution in value of the Item.
>
> 8. Any litigation by the parties to and based on this Corporate
> Guarantee must be commenced within one year from the
>
> Closing Date, except where the applicable period of limitation
> required by law is longer, then such period shall be the
>
> shortest allowable by such law.

>
> Signed, sealed, and dated this 27th day of March, 2013 at 2:19 AM PT
> at OK .
>
> DAY MONTH YEAR TIME STATE
>
> Principal: Kight Radio & Electronics
>
> MERCHANT NAME
>
> Guarantor: buySAFE Claim Services, Inc.
>
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com,
> <x1m_qrp-transceiver@yahoogroups.com> wrote:
>
> I have seen other X1M buyers complain in this Group about KightRadio
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>
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>
> So I want my money back, unless I know I will get one with all the
> fixes - such as the CW alignment - done properly by the factory.. Then
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>
> What do you suggest, guys? And Dale, are you the guy I should be

> talking to or is that Dale somebody else? I have already paid
> KightRadio for the rig, so if they can't supply it, they ought to
> refund me. I am certainly not willing to pay twice for the radio.
>
> 73 de David Harvey, vk2dmh.
>

1951. RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 03:18:49 UTC
From: <orders@...>
Topic: 1193 Message: 1951

That's great Lee! And good eyes Charlie and Dale re: powering from the radio. I'm working on mine with a battery tonight so I'll peak at yours after I give mine it's first run. HA! Glad to hear the punch seems to be really helping the x1m. :)

-Chris

---In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

Thanks Dale, I see that resistor R48C is limiting the current to the mic. I've got the battery-powered one nearly completed. Once done, I'll take a look at lowering that resistor value and building one powered by the X1M. It should easily fit into the X1M stock mic case. My experience so far suggests that a little compression really adds to the average signal power and readability.

Lee

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

☐ Hi Lee,
Measure exactly what your current drain is and change out the resistor that is in series with the 9T voltage that is impressed on the mic socket.
As Charlie pointed out, it is currently 3.3K at least on the schematic.

Dale W4OP

To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 28, 2013 5:13 PM
Subject: RE: Re: [X1M_QRP-Transceiver] RE: RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Thanks!!! I'll take a look!

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:

Lee , have you looked at I believe it is R48C in the radio , a 3.3K resistor and paralleling another 3.3K perhaps right on top of it to power your microphone ?

Dale and I were discussing it and he is much quicker with math and the diagrams and he came up with that idea to maybe do away with the batteries .

Charlie , W5COV

On 10/28/2013 3:54 PM, lphebus@... mailto:lphebus@... wrote:

I have posted an improved microphone with compression circuit in the photos section, "compression circuit" album. The advantage over the original design is that the compression chip is only active (~3mA current draw) when the mic is keyed. When the mic is not keyed,

the chip goes into shutdown mode drawing <2 micro-Amps. My design is a battery-powered (2X AAA) replacement microphone, not a modification of the existing mic or X1M. The circuit mod should greatly extend battery life and allows elimination of the on/off switch.

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> mailto:x1m_qrp-transceiver@yahoogroups.com wrote:

I've bread boarded and tested an audio compressor circuit. Pictures are in the "Photos" section. Compression is adjustable from 1:1 to 6.25:1 which seems like plenty to me. It really helps the audio "punch" of the X1M. My plan is to put the circuit in the microphone case with a couple AAA batteries for power. I thought I would use a design like this http://www.qrpkits.com/microphone.html http://www.qrpkits.com/microphone.html . I tried to power it from the +5 volts the socket provides for the electret microphone, but the compressor current draw, although small (<3mA), loaded the 5V down to about 1.7 V. I am surprised by this. The AAA batteries should last a long time however. There are two potentiometers (blue) in the bread boarded circuit. The left is the compression level (Rcomp) and the right is the attenuator adjustment. The output of the compressor chip is a bit too high to feed directly into the X1M.

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <cvest@...> mailto:cvest@... wrote:

LOL Maybe that is why I am an old bachelor . My two dogs don't seem to complain at all and I am a true night person so I am not normally even on the net this early in the morning .

I work DX , various digital modes , the part 15 bands , and I am working on a new part 5 license , where the bands are night time bands , plus I have always enjoyed the peace and quiet of the wee morning hours .

If the bands aren't open I ALWAYS have at least one project on the bench that I am building and usually several at the same time .

However since I went to computer logging , I have gone back to using headsets , so my hands are pretty much free to type when I am on phone . One day I may need to add VOX to the X1M . Right now I have a momentary push button in a film can type plastic container to activate the PTT , until I decide what I want to put in a mic interface box for this little gem or see if I can possibly work with smaller SMT devices and squeeze something inside of it. I can go smaller but 1206 are the smallest I am really at ease with and they are fast disappearing from the market .

Charlie , W5COV

On 9/22/2013 10:36 AM, M_AND_R_SHAREF wrote:

I use to do all my operating late at night. CW and head phones are the way to go if you want to stay married. HI 73

On Sat, Sep 21, 2013 at 12:47 AM, Charlie , W5COV <cvest@... mailto:cvest@...> wrote:
Any new or updated information on how this project is coming along ?

Inquiring minds want to know :)

Charlie , W5COV

On 9/4/2013 12:49 PM, orders@... mailto:orders@... wrote:

I bit the bullet and ordered a ssm2167 on a breakout board from them. I decided against soiling my playing with bad soldering fruseration for the moment and instead will forgo the extra coffee one day. I'm thinking and inline version would be the most useful to start out -- plug the mic into the inline box and then have a tail from the board into the rig. There isn't any room in the rig to stick it easily and putting it directly into the mic would limit it to one circuit per mic... also not flexible. The other option is a larger block in the middle of the mic cable but that seems the wrong way.

Anyone have any thoughts on a performed form factor for it?
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <orders@...> mailto:orders@... wrote:

BTW digikey part number for the SSM2167 is SSM2167-1RMZ-REELCT-ND
http://www.digikey.com/product-detail/en/SSM2167-1RMZ-REEL/SSM2167-1RMZ-REELCT-ND/1628139

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> mailto:mr.olson@... wrote:

Oops, my mistake.Â I bought mine from a different seller 190593669424Â Must be old timers disease kicking in again.

Lee â€“ N9LO

From: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Bill Maxwell
Sent: Tuesday, September 03, 2013 12:19 AM
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Didn't see the chips in that seller's store, Lee. Can you give us the item number for them, please.

Bill, VK7MX
On 3/09/2013 4:14 AM, Lee wrote:

I ordered 2 of the chips on eBay, just in case I kill one, and some chip adapter boards from the same seller. Put item number 181138215223 in the search box to see then.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, September 02, 2013 11:54 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

The more and more I look at this the more and more I want to play with little chip but it is in a tiny tiny MSOP package. And my soldering skills/hand steadiness is NO WHERE near close enough to jump right in. Anyone have a great easy way to put an MSOP chip onto a breadboard or anything like that? I've seen some 'easy' convertors for SMD chips but none for MSOP -- and I guess I haven't looked to see if they would work. Anyway -- if anyone has

any great suggestions I'd appreciate it!

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:
Thank Ken! Yup I'm thinking with 5 w I'm going to want the most talk power for the punch of my voice. Although I haven't done the math to see the difference between 0.5w and 5w. if my db brain remembers it probably isn't that much ! much like the difference between 5w and 100w ;) But I suspect it is bigger if I compare 0.5 w to 100w ;) And the goal is to get it as compressed and gained right to point before degrading! And we will see where that lands me! And to top that off the neighbor in the new apartment is really sensitive to me talking at night -- she has come twice at 1am to ask me to keep it down while conversing with a friend at lower than normal voices already. So the more punch I can get out of the mic at lower levels the more I can work in the nighhhhhhht!

And thanks for the thumbs up I'm loving the trip!
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com, <krtdowns@...> wrote:
Great attitude, Chris! I'm not familiar with that IC, but it sounds as though it has the functions you are seeking. Reasonable compression will add substantially to your "talk power." Like most things, it can be overdone and degrade your signal. Sounds as though you are tackling the learning opportunities this little rig offers with zest and enthusiasm. Have fun and enjoy the trip!
Ken, W1KRT

--- In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:
Man oh Man! Am I loving this little rig! Not because it is perfect and a great value out of the box but for the exact reason I bit the bullet and bought it before it was all polished: Great learning rig! Every time some limit or question is hit I have a reason to go digging and exploring around in the bits that make radios tick. I'll be happy to get my fully functioning rig to actual work on the air but this is a little gem in my eyes for crackin' open the door to learning about radios!

Anyway, my newest exploration is around the audio and SSB and this little fellar. From what Ed has walked me through I'm beating down the path that the radio WILL transmit 5w PEP on SSB .. the mic, gain, compression, preamp, etc are the limiting factor to making this usable out of the box. I'm currently playing down the path that the gain adjustment in the rig will be sufficient if I can compress the audio so more of it is towards the 5W 'section'. During my dive into this sort of theory I can across this little gem of a chip: http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html

Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

I've got plenty more to do to see if this theory will be valid in the x1m and how it all fits together but I'm loving this rig just for giving me framework to explore and ask about this things. Before this little fella and my trying to test if the SSB output was 'good' and if I needed to send it back everything was just words and now its all tying together. Having a ball!

Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

-Chris
KC8MUS

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1952. RE: SSM2167 External Speech Conditioner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 05:00:29 UTC
From: <orders@...>
Topic: 1949 Message: 1952

Glad your's is working Lee! My first run ended with a big nothing. Not a surprise but it is always nice to be hopeful. I just got no output out of my circuit at all that I could see. So I'm gonna hit the sack and take a look at it later with some fresh eyes. For all I know I put the IC in backwards in regard to pin 1. Even thought I checked like 10 times ;) If I am lucky the IC survived whatever I did to it!

Glad to hear of your success and thanks for sharing it!

-Chris
KC8MUS

---In x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> wrote:

I just uploaded SSM2167 External Speech Conditioner.pdf to the Files section. I finally got it complete.
Lee - N9LO

1953. RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 05:23:31 UTC
From: <andreas.fuehrmann@...>
Topic: 1535 Message: 1953

Still intersted in a complete kit, I can wait! BTW, what is this nice ittle foot on your rig?

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

No wonder the pot was difficult to mount- I ordered the wrong size. New ones will be here Wednesday at the latest. Does anyone want a bare board to build up themselves? I can ship them now for $5 which includes USPS shipping in a bubble envelope.

Dale W4OP

1954. Re: [X1M_QRP-Transceiver] RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 06:01:42 UTC
From: Droid Power
Topic: 1535 Message: 1954

is there maybe a demo video of having agc and not having it?

On Mon, Oct 28, 2013 at 10:23 PM, <andreas.fuehrmann@...> wrote:

> **
>
>
> Still intersted in a complete kit, I can wait! BTW, what is this nice
> ittle foot on your rig?
>
>
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>
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> for $5 which includes USPS shipping in a bubble envelope.
>
> Dale W4OP
>
>
>

1955. Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 12:50:45 UTC
From: Dale Parfitt
Topic: 1193 Message: 1955

I am not looking at the schematic right now, but likely you will have to take into account the LED current in the mic also- or simply do away with that LED.

Dale W4OP

----- Original Message -----
From: orders@kluener.org
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, October 28, 2013 11:18 PM
Subject: [X1M_QRP-Transceiver] RE: Audio Compression ';Accessory Circuit' Idea to Increase SSB Output

That's great Lee! And good eyes Charlie and Dale re: powering from the radio. I'm working on mine with a battery tonight so I'll peak at yours after I give mine it's first run. HA! Glad to hear the punch seems to be really helping the x1m. :)

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As Charlie pointed out, it is currently 3.3K at least on the schematic.

Dale W4OP

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Subject: RE: Re: [X1M_QRP-Transceiver] RE: RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

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Dale and I were discussing it and he is much quicker with math and the diagrams and he came up with that idea to maybe do away with the batteries .

Charlie , W5COV

On 10/28/2013 3:54 PM, lphebus@... wrote:

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Inquiring minds want to know :)

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BTW digikey part number for the SSM2167 is SSM2167-1RMZ-REELCT-ND

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Oops, my mistake.Â I bought mine from a different seller 190593669424Â Must be old timers disease kicking in again.

Lee â€“ N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Bill Maxwell
Sent: Tuesday, September 03, 2013 12:19 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Didn't see the chips in that seller's store, Lee. Can you give us the item number for them, please.

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Sent: Monday, September 02, 2013 11:54 AM

To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

The more and more I look at this the more and more I want to play with little chip but it is in a tiny tiny MSOP package. And my soldering skills/hand steadiness is NO WHERE near close enough to jump right in. Anyone have a great easy way to put an MSOP chip onto a breadboard or anything like that? I've seen some 'easy' convertors for SMD chips but none for MSOP -- and I guess I haven't looked to see if they would work. Anyway -- if anyone has any great suggestions I'd appreciate it!

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Anyway, my newest exploration is around the audio and SSB and this little fellar. From what Ed has walked me through I'm beating down the path that the radio WILL transmit 5w PEP on SSB .. the mic, gain, compression, preamp, etc are the limiting factor to making this usable out of the box. I'm currently playing down the path that the gain adjustment in the rig will be sufficient if I can compress the audio so more of it is towards the 5W

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Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

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Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

-Chris

KC8MUS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

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Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1956. X1M Tilt Foot and Other Mechanical Changes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 12:56:24 UTC
From: Dale Parfitt
Topic: 1956 Message: 1956

That is a tilt foot. Pretty much identical to what the SGC SG-2020 used. It folds up and then the radio sits flat. But with the tilt foot engaged the radio is tilted at a perfect height and air gets under the rig to help cool it.

I also exchanged the socket head cap screws for black button head screws on the front panel- much nicer look and less obtrusive. Finally, I used my mill to double the number of holes for the speaker- but that is not readily visible in the photo.
http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/photos/albums/38547135/lightbox/299319304
Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 29, 2013 1:23 AM
Subject: [X1M_QRP-Transceiver] RE: X1M AGC

Still intersted in a complete kit, I can wait! BTW, what is this nice ittle foot on your rig?

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

No wonder the pot was difficult to mount- I ordered the wrong size. New ones will be here Wednesday at the latest.
Does anyone want a bare board to build up themselves? I can ship them now for $5 which includes USPS shipping in a bubble envelope.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
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1957. Re: [X1M_QRP-Transceiver] RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 12:58:17 UTC
From: Dale Parfitt
Topic: 1535 Message: 1957

I should have done that, as I was constantly engaging and disengaging the AGC. When listening to a roundtable or causal tuning, it is very impressive.
But now, the radio is back in its cabinet- so no can do. We'll have to wait for someone else to do the A/B.

Dale W4OP
----- Original Message -----
From: Droid Power
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 29, 2013 2:01 AM
Subject: Re: [X1M_QRP-Transceiver] RE: X1M AGC

is there maybe a demo video of having agc and not having it?

On Mon, Oct 28, 2013 at 10:23 PM, <andreas.fuehrmann@...> wrote:

Still intersted in a complete kit, I can wait! BTW, what is this nice ittle foot on your rig?

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1958. RE: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 13:19:14 UTC
From: Lee
Topic: 1193 Message: 1958

You could try peaking at my settings but you may find better settings that you could share with us.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, October 28, 2013 10:19 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

That's great Lee! And good eyes Charlie and Dale re: powering from the radio. I'm working on mine with a battery tonight so I'll peak at yours after I give mine it's first run. HA! Glad to hear the punch seems to be really helping the x1m. :)

-Chris

---In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

Thanks Dale, I see that resistor R48C is limiting the current to the mic. I've got the battery-powered one nearly completed. Once done, I'll take a look at lowering that resistor value and building one powered by the X1M. It should easily fit into the X1M stock mic case. My experience so far suggests that a little compression really adds to the average signal power and readability.

Lee

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

☐

Hi Lee,

Measure exactly what your current drain is and change out the resistor that is in series with the 9T voltage that is impressed on the mic socket.

As Charlie pointed out, it is currently 3.3K at least on the schematic.

Dale W4OP

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, October 28, 2013 5:13 PM

Subject: RE: Re: [X1M_QRP-Transceiver] RE: RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Thanks!!! I'll take a look!

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Lee , have you looked at I believe it is R48C in the radio , a 3.3K resistor and paralleling another 3.3K perhaps right on top of it to power your microphone ?

Dale and I were discussing it and he is much quicker with math and the diagrams and he came up with that idea to maybe do away with the batteries .

Charlie , W5COV

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Sent: Tuesday, September 03, 2013 12:19 AM
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KC8MUS

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Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1959. RE: SSM2167 External Speech Conditioner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 13:20:41 UTC
From: <saanes@...>
Topic: 1949 Message: 1959

Hi Lee

I hope this question is not too stupid..

On the 7805, there is a "12-" . Do you mean -12 voltage ?

LA5VNA Steinar

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I just uploaded SSM2167 External Speech Conditioner.pdf to the Files section. I finally got it complete.
Lee - N9LO

1960. RE: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 13:25:00 UTC
From: Lee
Topic: 1956 Message: 1960

Did you make that tilt foot? Can I order one someplace? Looks real nice and much easier to store than my Plexi stand.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Tuesday, October 29, 2013 7:56 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

☐

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I also exchanged the socket head cap screws for black button head screws on the front panel- much nicer look and less obtrusive. Finally, I used my mill to double the number of holes for the speaker- but that is not readily visible in the photo.

http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/photos/albums/38547135/lightbox/299319304

Dale W4OP

----- Original Message -----

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To: X1M_QRP-Transceiver@yahoogroups.com

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1961. RE: RE: SSM2167 External Speech Conditioner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 13:31:22 UTC
From: <kd5de@...>
Topic: 1949 Message: 1961

No there is a 7805 (5VDC) and a 7809 (9VDC) in the circuit If you can see those numbers with the naked eye you are not 70!

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

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1962. Re: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 13:39:49 UTC
From: Dale Parfitt
Topic: 1956 Message: 1962

Hi Lee,
eBay item # 120957745111

The kit consists of three feet- 2 for the rear so that when the tilt foot is folded up, the radio sits flat.
I have put them on a number of my radios. See my ARK-40 that I converted from thumbwheel to optical encoder:
http://www.parelectronics.com/vintage-ss-engineering-ark-40.php
Previously, I have always attached them with screws, but on the X1M I used JB Weld and they appear to be there forever.

Dale W4OP
----- Original Message -----
From: Lee
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 29, 2013 9:25 AM
Subject: RE: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

Did you make that tilt foot? Can I order one someplace? Looks real nice and much easier to store than my Plexi stand.
Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Tuesday, October 29, 2013 7:56 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

☐

That is a tilt foot. Pretty much identical to what the SGC SG-2020 used. It folds up and then the radio sits flat. But with the tilt foot engaged the radio is tilted at a perfect height and air gets under the rig to help cool it.

I also exchanged the socket head cap screws for black button head screws on the front panel- much nicer look and less obtrusive. Finally, I used my mill to double the number of holes for the speaker- but that is not readily visible in the photo.
http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/photos/albums/38547135/lightbox/299319304
Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 29, 2013 1:23 AM
Subject: [X1M_QRP-Transceiver] RE: X1M AGC

Still intersted in a complete kit, I can wait! BTW, what is this nice
ittle foot on your rig?

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:
No wonder the pot was difficult to mount- I ordered the wrong size. New ones
will be here Wednesday at the latest.
Does anyone want a bare board to build up themselves? I can ship them now
for $5 which includes USPS shipping in a bubble envelope.

Dale W4OP
No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1963. RE: [X1M_QRP-Transceiver] RE: SSM2167 External Speech Conditioner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 14:18:45 UTC
From: Lee
Topic: 1949 Message: 1963

A stupid question is the question you do not ask.

Yes, it means 12 volts negative. I changed it on the diagram. Thanks for pointing it out.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of saanes@...
Sent: Tuesday, October 29, 2013 8:21 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: SSM2167 External Speech Conditioner

Hi Lee

I hope this question is not too stupid..

On the 7805, there is a "12-" . Do you mean -12 voltage ?

LA5VNA Steinar

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I just uploaded SSM2167 External Speech Conditioner.pdf to the Files section. I finally got it complete.

Lee - N9LO

1964. RE: [X1M_QRP-Transceiver] RE: RE: SSM2167 External Speech Conditioner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 14:25:20 UTC
From: Lee
Topic: 1949 Message: 1964

Where is the 7809? Is there an invisible one in the circuit where it is not needed?

Why do you need to be so RUDE when answering a question a member asked me?

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of kd5de@nwla.com
Sent: Tuesday, October 29, 2013 8:31 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: RE: SSM2167 External Speech Conditioner

No there is a 7805 (5VDC) and a 7809 (9VDC) in the circuit If you can see those numbers with the naked eye you are not 70!

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Hi Lee

I hope this question is not too stupid..

On the 7805, there is a "12-" . Do you mean -12 voltage ?

LA5VNA Steinar

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I just uploaded SSM2167 External Speech Conditioner.pdf to the Files section. I finally got it complete.

Lee - N9LO

1965. RE: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 14:29:42 UTC
From: Lee
Topic: 1956 Message: 1965

Thank you. I bought the last set.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Tuesday, October 29, 2013 8:40 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

Hi Lee,
eBay item # 120957745111

The kit consists of three feet- 2 for the rear so that when the tilt foot is folded up, the radio sits flat.
I have put them on a number of my radios. See my ARK-40 that I converted from thumbwheel to optical encoder:
http://www.parelectronics.com/vintage-ss-engineering-ark-40.php
Previously, I have always attached them with screws, but on the X1M I used JB Weld and they appear to be there forever.

Dale W4OP
----- Original Message -----
From: Lee
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 29, 2013 9:25 AM
Subject: RE: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

Did you make that tilt foot? Can I order one someplace? Looks real nice and much easier to store than my Plexi stand.
Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Tuesday, October 29, 2013 7:56 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

That is a tilt foot. Pretty much identical to what the SGC SG-2020 used. It folds up and then the radio sits flat. But with the tilt foot engaged the radio is tilted at a perfect height and air gets under the rig to help cool it.

I also exchanged the socket head cap screws for black button head screws on the front panel- much nicer look and less obtrusive. Finally, I used my mill

to double the number of holes for the speaker- but that is not readily visible in the photo.
http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/photos/albums/38547135/lightbox/299319304
Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 29, 2013 1:23 AM
Subject: [X1M_QRP-Transceiver] RE: X1M AGC

Still intersted in a complete kit, I can wait! BTW, what is this nice ittle foot on your rig?

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:
No wonder the pot was difficult to mount- I ordered the wrong size. New ones will be here Wednesday at the latest.
Does anyone want a bare board to build up themselves? I can ship them now for $5 which includes USPS shipping in a bubble envelope.

Dale W4OP
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Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1966. Re: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 14:41:56 UTC
From: Dale Parfitt
Topic: 1956 Message: 1966

He seems to have an endless stock- but pieces them out on eBay. I bought my first set several years ago.\

Dale W4OP

----- Original Message -----
From: Lee
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 29, 2013 10:29 AM
Subject: RE: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

Thank you. I bought the last set.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Tuesday, October 29, 2013 8:40 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

Hi Lee,
eBay item # 120957745111

The kit consists of three feet- 2 for the rear so that when the tilt foot is folded up, the radio sits flat.
I have put them on a number of my radios. See my ARK-40 that I converted from thumbwheel to optical encoder:
http://www.parelectronics.com/vintage-ss-engineering-ark-40.php
Previously, I have always attached them with screws, but on the X1M I used JB Weld and they appear to be there forever.

Dale W4OP
----- Original Message -----
From: Lee
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 29, 2013 9:25 AM
Subject: RE: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

Did you make that tilt foot? Can I order one someplace? Looks real nice and much easier to store than my Plexi stand.
Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Tuesday, October 29, 2013 7:56 AM
To: X1M_QRP-Transceiver@yahoogroups.com

Subject: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

□

That is a tilt foot. Pretty much identical to what the SGC SG-2020 used. It folds up and then the radio sits flat. But with the tilt foot engaged the radio is tilted at a perfect height and air gets under the rig to help cool it.

I also exchanged the socket head cap screws for black button head screws on the front panel- much nicer look and less obtrusive. Finally, I used my mill to double the number of holes for the speaker- but that is not readily visible in the photo.
http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/photos/albums/38547135/lightbox/299319304
Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 29, 2013 1:23 AM
Subject: [X1M_QRP-Transceiver] RE: X1M AGC

Still intersted in a complete kit, I can wait! BTW, what is this nice ittle foot on your rig?

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:
No wonder the pot was difficult to mount- I ordered the wrong size. New ones will be here Wednesday at the latest.
Does anyone want a bare board to build up themselves? I can ship them now for $5 which includes USPS shipping in a bubble envelope.

Dale W4OP
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Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1967. Straight-key use with X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 15:09:47 UTC
From: <k3eax@...>
Topic: 1967 Message: 1967

I am a non-owner contemplating purchase and so the question: Can a straight key be used with the X1M?

Al

1968. RE: [X1M_QRP-Transceiver] Straight-key use with X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 15:13:08 UTC
From: Lee
Topic: 1967 Message: 1968

Yes

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of k3eax@...
Sent: Tuesday, October 29, 2013 10:10 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Straight-key use with X1M

I am a non-owner contemplating purchase and so the question: Can a straight key be used with the X1M?

Al

1969. Re: [X1M_QRP-Transceiver] RE: RE: SSM2167 External Speech Conditioner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 17:23:54 UTC
From: Steinar Aanesland
Topic: 1949 Message: 1969

Ok, I thought so, but I'm not used to the "12+, 12-" expression ;)

LA5VNA S

On 29.10.2013 14:31, kd5de@... wrote:
> No there is a 7805 (5VDC) and a 7809 (9VDC) in the circuit If you can see those numbers with the naked eye you are not 70!
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:
>
> Hi Lee
>
>
> I hope this question is not too stupid..
>
>
> On the 7805, there is a "12-" . Do you mean -12 voltage ?
>
>
> LA5VNA Steinar
>
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> ---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:
>
> I just uploaded SSM2167 External Speech Conditioner.pdf to the Files section. I finally got it complete.
> Lee - N9LO
>
>
>
>
>

1970. RIT

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 18:53:48 UTC
From: Victor Schensnovich
Topic: 1970 Message: 1970

Hi friends. Who knows, is it possile to change tuning step of RIT, for example 10hz?
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

1971. Re: [X1M_QRP-Transceiver] RIT

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 19:05:59 UTC
From: Dale Parfitt
Topic: 1970 Message: 1971

We have asked for that change in firmware.

Dale W4OP
----- Original Message -----
From: Victor Schensnovich
To: x1m_qrp-transceiver@yahoogroups.com
Sent: Tuesday, October 29, 2013 2:53 PM
Subject: [X1M_QRP-Transceiver] RIT

Hi friends. Who knows, is it possile to change tuning step of RIT, for example 10hz?
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1972. Re: [X1M_QRP-Transceiver] RIT

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 19:08:09 UTC
From: Droid Power
Topic: 1970 Message: 1972

speaking of firmware i think its time we start developing an open source version of it. WE should get some of the coder involved

On Tue, Oct 29, 2013 at 12:05 PM, Dale Parfitt <parinc1@...> wrote:

> **
>
>
> **
> We have asked for that change in firmware.
>
> Dale W4OP
>
> ----- Original Message -----
> *From:* Victor Schensnovich <ua1cex@...>
> *To:* x1m_qrp-transceiver@yahoogroups.com
> *Sent:* Tuesday, October 29, 2013 2:53 PM
> *Subject:* [X1M_QRP-Transceiver] RIT
>
>
>
> Hi friends. Who knows, is it possile to change tuning step of RIT, for
> example 10hz?
> Victor, UA1CEX.
> --
> Sent from my Android phone with mail.com Mail. Please excuse my brevity.
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13
>
>
>

1973. Re: Re: [X1M_QRP-Transceiver] RIT

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 19:30:57 UTC
From: Victor Schensnovich
Topic: 1970 Message: 1973

Dale, could you ship PCB of AGC, it is better with all components to Russia. Payment via PayPal is ok.
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

Dale Parfitt <parinc1@...> wrote:

☐

We have asked for that change in firmware.

Dale W4OP

----- Original Message -----

From: Victor Schensnovich

To: x1m_qrp-transceiver@yahoogroups.com

Sent: Tuesday, October 29, 2013 2:53 PM

Subject: [X1M_QRP-Transceiver] RIT

Hi friends. Who knows, is it possile to change tuning step of RIT, for example 10hz?
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1974. AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 19:56:07 UTC
From: Victor Schensnovich
Topic: 775 Message: 1974

Dale, just PCB will be ok.
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

1975. Re: Re: [X1M_QRP-Transceiver] RIT

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 19:55:57 UTC
From: Dale Parfitt
Topic: 1970 Message: 1975

Do you want just the PCB or the full kit?

Dale
----- Original Message -----
From: Victor Schensnovich
To: X1M_QRP-Transceiver@...m
Sent: Tuesday, October 29, 2013 3:30 PM
Subject: Re: Re: [X1M_QRP-Transceiver] RIT

Dale, could you ship PCB of AGC, it is better with all components to Russia. Payment via PayPal is ok.
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

Dale Parfitt <parinc1@...> wrote:

☐

We have asked for that change in firmware.

Dale W4OP
----- Original Message -----
From: Victor Schensnovich
To: x1m_qrp-transceiver@yahoogroups.com
Sent: Tuesday, October 29, 2013 2:53 PM
Subject: [X1M_QRP-Transceiver] RIT

Hi friends. Who knows, is it possile to change tuning step of RIT, for example 10hz?
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

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Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1976. Re: [X1M_QRP-Transceiver] AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 19:56:50 UTC
From: Dale Parfitt
Topic: 775 Message: 1976

OK- contact me directly at parinc1@.... I'll have to calculate shipping to UA.

Dale W4OP

----- Original Message -----
From: Victor Schensnovich
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 29, 2013 3:56 PM
Subject: [X1M_QRP-Transceiver] AGC

Dale, just PCB will be ok.
Victor, UA1CEX.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1977. RE: Re: [X1M_QRP-Transceiver] AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 21:43:58 UTC
From: <yl2fd@...>
Topic: 775 Message: 1977

Hallo Dale,
can You please in the same time calculate how much it costed to ship AGC control kit in simple evenlope to me, in YL land. And send me private mail on on my "callsign at yahoo.com" email.

Andris/YL2FD

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

☐ OK- contact me directly at parinc1@... mailto:parinc1@.... I'll have to calculate shipping to UA.

Dale W4OP

----- Original Message -----
From: Victor Schensnovich mailto:ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 29, 2013 3:56 PM
Subject: [X1M_QRP-Transceiver] AGC

Dale, just PCB will be ok.
Victor, UA1CEX.
--
Sent from my Android phone with mail.com http://mail.com Mail. Please excuse my brevity.

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1978. RE: Straight-key use with X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 21:48:02 UTC
From: <yl2fd@...>
Topic: 1967 Message: 1978

Yes
with great sucsess!
Andris

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I am a non-owner contemplating purchase and so the question: Can a straight key be used with the X1M?

Al

1979. RE: Still Waiting For An Answer From KightRadio.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 19:43:39 UTC
From: <gedanate@...>
Topic: 1359 Message: 1979

Thank you, Charlie W5COV.

You leapt to this Dale's defense once before and I thanked you back then for your clarification. There is no need to "yell" at me using capital letters a second time. I already apologised to your Dale, (the guy who designed the original Endfedz half-wave antennas, who is also prominent in this Group).

Meanwhile, I have received a reply overnight from BuySafe, the company that was paid to guarantee my purchase. I left a message and this is the answer I got today:

"David,

Thank you for contacting buySAFE.

The bond you have for this purchase expired 30 days after the purchase date. You'll need to resolve this directly with the merchant since the bond expired quite awhile ago.

Regards,
Fred
buySAFE, Inc."

I guess it goes to show one should never pay in advance for anything, and certainly not to Kight Electronics. Dale Kight does not respond to emails or customer complaints. They got my money six months ago, and I am still without a refund or the radio I paid for.

Yes. I am pissed off.

David Harvey, VK2DMH.

---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

LET ME ASSURE YOU THIS DALE HAS NO AFFILIATION WITH KIGHT RADIO !!!!!!!

This Dale , W4OP , IS VERY WELL RESPECTED WORLDWIDE IN THE HAM COMMUNITY !!

He is IN FACT THE DESIGNER OF THE PAR EFHW AND OWNER OF PAR ELECTRONICS !!!

FEEL FREE TO LOOK HIM UP ON QRZ OR HIS COMPANY WEB PAGE .

Charlie , W5COV

On 10/28/2013 8:46 PM, gedanate@... mailto:gedanate@... wrote:

There is (was) a BuySafe guarantee, however it says it is good for 30 days only. Here is a cut and paste from the pdf document:
Corporate Guarantee Number: 07INT 010879-
00000013

ONLINE TRANSACTION CORPORATE GUARANTEE
WHEREAS, Kight Radio & Electronics as Principal ("Merchant") has entered into an online agreement
with gedanate@... mailto:gedanate@... at gedanate@... mailto:gedanate@... ("Buyer") for X1M QRP SSB/CW Transceiver [item or SKU], at URL
Kight Radio & Electronics ("Item"), as more particularly described in Merchant's web-site description and conditions of sale
(collectively, the "Sales Contract"), which Sales Contract is made a part hereof by reference; and WHEREAS, Buyer has
agreed to purchase from Merchant pursuant to the Sales Contract;
NOW, THEREFORE, it is agreed that Merchant and buySAFE Claim Services, Inc. are liable to Buyer up to the amount of
the Item price, being US $289.95, two hundred and eighty nine dollars and ninety five cents, for the payment of which sum,
and no more, we bind ourselves and our assigns subject to all terms, conditions and restrictions set forth below.
THIS CORPORATE GUARANTEE IS SUBJECT TO AND LIMITED BY THE FOLLOWING TERMS AND CONDITIONS:
1. This obligation is good for thirty (30) days from the close of the online transaction, which was 3/27/2013 (the "Closing
Date").
2. It is a condition precedent to the recovery on this Corporate Guarantee that notice of any potential claim on this
Corporate Guarantee must be registered with buySAFE, Inc. no later than thirty (30) days from the Closing Date
("Claim Deadline Date"). The Claim Deadline Date may not be extended for any reason, including, without
limitation, any term of the Sales Contract or other circumstance which may serve to extend the date of delivery of the
Item beyond thirty (30) days from the Closing Date.
3. It is a condition precedent to recovery on this Corporate Guarantee that the Merchant and the Buyer, to the extent
permitted by law, must have participated fully in the buySAFE, Inc. Dispute Resolution Process (as set forth elsewhere
on the buySAFE, Inc. site, www.buysafe.com http://www.buysafe.com). Where the buySAFE, Inc. Dispute Resolution Process is not
permitted by law, alternative procedures are available and are defined in the buySAFE, Inc. Terms and Conditions.
Notwithstanding any other provision herein, buySAFE Claim Services, Inc. shall be the sole arbiter of any claim
brought by Buyer in connection with this Corporate Guarantee.
4. The Corporate Guarantee ceases to be in force or effect in connection with any transaction, in the event that:
a. Merchant satisfies the conditions of sale contained in the Sales Contract;
b. Merchant indemnifies and holds the Buyer harmless for an amount equal to or greater than the amount of this
Corporate Guarantee from all direct cost and damage incurred by reason of Merchant's failure to satisfy the
Sales Contract;
c. Buyer has not met the terms of the Sales Contract, including making full payment; or
d. The sale of the Item violates (i) any applicable law or regulation; (ii) the terms of

use of the marketplace
governing the underlying online transaction; or (iii) buySAFE, Inc.'s Terms and Conditions, which is made a part
hereof by reference, and which may be viewed at www.buysafe.com http://www.buysafe.com.
5. Acceptance of the Item by Buyer terminates all liability of buySAFE Claim Services, Inc., unless a defect was not
known or discoverable at the time of acceptance, but in no circumstance will liability hereunder extend beyond thirty
(30) days after the Closing Date.
6. buySAFE Claim Services, Inc. reserves the right in its sole discretion to choose the method most appropriate to
remedy the Buyer's damages, if any.
7. buySAFE Claim Services, Inc. shall not be liable under any circumstances for any damages related to any of the
following:
a. Damages in excess of the Item price or TWENTY-FIVE THOUSAND DOLLARS ($25,000), whichever is less;
b. Express, implied or statutory product warranties or guarantees of any kind, including without limitation implied
warranties of merchantability or fitness for a particular purpose;
c. Special, incidental, consequential or punitive damages; or
d. Diminution in value of the Item.
8. Any litigation by the parties to and based on this Corporate Guarantee must be commenced within one year from the
Closing Date, except where the applicable period of limitation required by law is longer, then such period shall be the
shortest allowable by such law.
Signed, sealed, and dated this 27th day of March, 2013 at 2:19 AM PT at OK .
DAY MONTH YEAR TIME STATE
Principal: Kight Radio & Electronics
MERCHANT NAME
Guarantor: buySAFE Claim Services, Inc.

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> mailto:x1m_qrp-transceiver@yahoogroups.com wrote:

I have seen other X1M buyers complain in this Group about KightRadio ignoring them, and I have stuck up for KightRadio in the past, defended them from all kinds of angry comments.

I sent in my money as a pre-paid order back in May, and I have gotten to the point where I am not willing to wait any more.

Dale used to answer my emails, months ago, but the last answer I received from him (whan i said gimme me radio or refund my money!) just said "Are you receiving my emails?" and it said absolutely nothing else. It didn't say what was happening.

Since that time I have emailed a further 5 or so enquiries, and all of them have been ignored. So I now feel rather negatively towards KightRadio, since they have not handled the situation at all well, as far as I can see.

Is the Dale I have recently seen discussing this little transceiver the same Dale who once replied to me politely from KightRadio, or are they two different people?

I do know the factory has been very very slow in sending KightRadio the units they had ordered, but from what I have been reading in here for all these months, the radio still has so many things wrong with it I am not comfortable with the idea of trying to fix the thing when (or if) I ever get one.

So I want my money back, unless I know I will get one with all the fixes - such as the CW alignment - done properly by the factory.. Then again, I might well die of old age waiting.

What do you suggest, guys? And Dale, are you the guy I should be talking to or is that Dale somebody else? I have already paid KightRadio for the rig, so if they can't supply it, they ought to refund me. I am certainly not willing to pay twice for the radio.

73 de David Harvey, vk2dmh.

1980. Re: [X1M_QRP-Transceiver] RE: Still Waiting For An Answer From KightRadio.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-29 22:59:37 UTC
From: Charlie , W5COV
Topic: 1359 Message: 1980

Hi David ,

I apologize if you consider it yelling . I have been on the net for around 30 years and don't consider capitals yelling . Merely a difference of our conception . I use them just to emphasize a point .

The only reason is that your post still contained the questioning of Dale , W4OP , who is a good friend of mine. There are many new group members that saw that and I once again did not want anyone to doubt a professional who I know to be extremely honest and trustworthy and did not want it to anyway reflect on his own company that is also in the electronics business .

I just wanted to assure all of the new group members that they were indeed two very different people .

Many members have probably never gone through the archives and seen the original posts .

I again apologize if it offended you .

Charlie , W5COV

On 10/29/2013 2:43 PM, gedanate@... wrote:
>
> Thank you, Charlie W5COV.
>
> You leapt to this Dale's defense once before and I thanked you back
> then for your clarification. There is no need to "yell" at me using
> capital letters a second time. I already apologised to your Dale, (the
> guy who designed the original Endfedz half-wave antennas, who is also
> prominent in this Group).
>
>
> -------------
>
>
> Meanwhile, I have received a reply overnight from BuySafe, the company
> that was paid to guarantee my purchase. I left a message and this is
> the answer I got today:
>
> "David,
>
>
> Thank you for contacting buySAFE.

>
> The bond you have for this purchase expired 30 days after the purchase
> date. You'll need to resolve this directly with the merchant since the
> bond expired quite awhile ago.
>
> Regards,
> Fred
>
> buySAFE, Inc."
>
>
> I guess it goes to show one should never pay in advance for anything,
> and certainly not to Kight Electronics. Dale Kight does not respond to
> emails or customer complaints. They got my money six months ago, and I
> am still without a refund or the radio I paid for.
>
>
> Yes. I am pissed off.
>
>
> David Harvey, VK2DMH.
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:
>
> LET ME ASSURE YOU THIS DALE HAS NO AFFILIATION WITH KIGHT RADIO !!!!!!!
>
> This Dale , W4OP , IS VERY WELL RESPECTED WORLDWIDE IN THE HAM
> COMMUNITY !!
>
> He is IN FACT THE DESIGNER OF THE PAR EFHW AND OWNER OF PAR
> ELECTRONICS !!!
>
> FEEL FREE TO LOOK HIM UP ON QRZ OR HIS COMPANY WEB PAGE .
>
> Charlie , W5COV
>
> On 10/28/2013 8:46 PM, gedanate@... <mailto:gedanate@...> wrote:
>
>> There is (was) a BuySafe guarantee, however it says it is good
>> for 30 days only. Here is a cut and paste from the pdf document:
>>
>> Corporate Guarantee Number: 07INT 010879-
>>
>> 00000013
>>
>> ONLINE TRANSACTION CORPORATE GUARANTEE
>>
>> WHEREAS, Kight Radio & Electronics as Principal ("Merchant") has

>> entered into an online agreement
>>
>> with gedanate@... <mailto:gedanate@...> at gedanate@...
>> <mailto:gedanate@...> ("Buyer") for X1M QRP SSB/CW Transceiver
>> [item or SKU], at URL
>>
>> Kight Radio & Electronics ("Item"), as more particularly
>> described in Merchant's web-site description and conditions of sale
>>
>> (collectively, the "Sales Contract"), which Sales Contract is
>> made a part hereof by reference; and WHEREAS, Buyer has
>>
>> agreed to purchase from Merchant pursuant to the Sales Contract;
>>
>> NOW, THEREFORE, it is agreed that Merchant and buySAFE Claim
>> Services, Inc. are liable to Buyer up to the amount of
>>
>> the Item price, being US $289.95, two hundred and eighty nine
>> dollars and ninety five cents, for the payment of which sum,
>>
>> and no more, we bind ourselves and our assigns subject to all
>> terms, conditions and restrictions set forth below.
>>
>> THIS CORPORATE GUARANTEE IS SUBJECT TO AND LIMITED BY THE
>> FOLLOWING TERMS AND CONDITIONS:
>>
>> 1. This obligation is good for thirty (30) days from the close of
>> the online transaction, which was 3/27/2013 (the "Closing
>>
>> Date").
>>
>> 2. It is a condition precedent to the recovery on this Corporate
>> Guarantee that notice of any potential claim on this
>>
>> Corporate Guarantee must be registered with buySAFE, Inc. no
>> later than thirty (30) days from the Closing Date
>>
>> ("Claim Deadline Date"). The Claim Deadline Date may not be
>> extended for any reason, including, without
>>
>> limitation, any term of the Sales Contract or other circumstance
>> which may serve to extend the date of delivery of the
>>
>> Item beyond thirty (30) days from the Closing Date.
>>
>> 3. It is a condition precedent to recovery on this Corporate
>> Guarantee that the Merchant and the Buyer, to the extent
>>
>> permitted by law, must have participated fully in the buySAFE,
>> Inc. Dispute Resolution Process (as set forth elsewhere

>>
>> on the buySAFE, Inc. site, www.buysafe.com
>> <http://www.buysafe.com>). Where the buySAFE, Inc. Dispute
>> Resolution Process is not
>>
>> permitted by law, alternative procedures are available and are
>> defined in the buySAFE, Inc. Terms and Conditions.
>>
>> Notwithstanding any other provision herein, buySAFE Claim
>> Services, Inc. shall be the sole arbiter of any claim
>>
>> brought by Buyer in connection with this Corporate Guarantee.
>>
>> 4. The Corporate Guarantee ceases to be in force or effect in
>> connection with any transaction, in the event that:
>>
>> a. Merchant satisfies the conditions of sale contained in the
>> Sales Contract;
>>
>> b. Merchant indemnifies and holds the Buyer harmless for an
>> amount equal to or greater than the amount of this
>>
>> Corporate Guarantee from all direct cost and damage incurred by
>> reason of Merchant's failure to satisfy the
>>
>> Sales Contract;
>>
>> c. Buyer has not met the terms of the Sales Contract, including
>> making full payment; or
>>
>> d. The sale of the Item violates (i) any applicable law or
>> regulation; (ii) the terms of use of the marketplace
>>
>> governing the underlying online transaction; or (iii) buySAFE,
>> Inc.'s Terms and Conditions, which is made a part
>>
>> hereof by reference, and which may be viewed at www.buysafe.com
>> <http://www.buysafe.com>.
>>
>> 5. Acceptance of the Item by Buyer terminates all liability of
>> buySAFE Claim Services, Inc., unless a defect was not
>>
>> known or discoverable at the time of acceptance, but in no
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>> (30) days after the Closing Date.
>>
>> 6. buySAFE Claim Services, Inc. reserves the right in its sole
>> discretion to choose the method most appropriate to
>>

>> remedy the Buyer's damages, if any.
>>
>> 7. buySAFE Claim Services, Inc. shall not be liable under any
>> circumstances for any damages related to any of the
>>
>> following:
>>
>> a. Damages in excess of the Item price or TWENTY-FIVE THOUSAND
>> DOLLARS ($25,000), whichever is less;
>>
>> b. Express, implied or statutory product warranties or guarantees
>> of any kind, including without limitation implied
>>
>> warranties of merchantability or fitness for a particular purpose;
>>
>> c. Special, incidental, consequential or punitive damages; or
>>
>> d. Diminution in value of the Item.
>>
>> 8. Any litigation by the parties to and based on this Corporate
>> Guarantee must be commenced within one year from the
>>
>> Closing Date, except where the applicable period of limitation
>> required by law is longer, then such period shall be the
>>
>> shortest allowable by such law.
>>
>> Signed, sealed, and dated this 27th day of March, 2013 at 2:19 AM
>> PT at OK .
>>
>> DAY MONTH YEAR TIME STATE
>>
>> Principal: Kight Radio & Electronics
>>
>> MERCHANT NAME
>>
>> Guarantor: buySAFE Claim Services, Inc.
>>
>>
>>
>>
>> ---In X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>,
>> <x1m_qrp-transceiver@yahoogroups.com>
>> <mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:
>>
>> I have seen other X1M buyers complain in this Group about
>> KightRadio ignoring them, and I have stuck up for KightRadio in
>> the past, defended them from all kinds of angry comments.
>>

>> I sent in my money as a pre-paid order back in May, and I have
>> gotten to the point where I am not willing to wait any more.
>>
>> Dale used to answer my emails, months ago, but the last answer I
>> received from him (whan i said gimme me radio or refund my
>> money!) just said "Are you receiving my emails?" and it said
>> absolutely nothing else. It didn't say what was happening.
>>
>> Since that time I have emailed a further 5 or so enquiries, and
>> all of them have been ignored. So I now feel rather negatively
>> towards KightRadio, since they have not handled the situation at
>> all well, as far as I can see.
>>
>> Is the Dale I have recently seen discussing this little
>> transceiver the same Dale who once replied to me politely from
>> KightRadio, or are they two different people?
>>
>> I do know the factory has been very very slow in sending
>> KightRadio the units they had ordered, but from what I have been
>> reading in here for all these months, the radio still has so many
>> things wrong with it I am not comfortable with the idea of trying
>> to fix the thing when (or if) I ever get one.
>>
>> So I want my money back, unless I know I will get one with all
>> the fixes - such as the CW alignment - done properly by the
>> factory.. Then again, I might well die of old age waiting.
>>
>> What do you suggest, guys? And Dale, are you the guy I should be
>> talking to or is that Dale somebody else? I have already paid
>> KightRadio for the rig, so if they can't supply it, they ought to
>> refund me. I am certainly not willing to pay twice for the radio.
>>
>> 73 de David Harvey, vk2dmh.
>
>

1981. RE: [X1M_QRP-Transceiver] RE: Still Waiting For An Answer From KightRadio.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 00:04:17 UTC
From: Fred VE3FAL
Topic: 1359 Message: 1981

I too do the same thing and ONLY use capitals when I make an emphasis, otherwise not..and I likely will always continue to do that… Just my 2 cents worth on this matter as well…

Fred

VE3FAL

[Fred VE3FAL] I don't consider capitals yelling . Merely a difference of our conception . I use them just to emphasize a point .

There is no need to "yell" at me using capital letters

1982. RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 04:29:00 UTC
From: <orders@...>
Topic: 1193 Message: 1982

I think I might need another chip. Oops.

I figured 2 important mis wires in my circuit compared to yours Lee. I wired the 2 control pins via resistors/jumpers to + instead of to GND. Once I wired those up right I at least saw traces on the computer based audio scope. One recording was complete static with no voice audio.

I'm also using a 100k resistor for the shutdown resistor instead of 470k b/c i I had it.

So that is where I am at tonight. I'm gonna put all the bits down for now and maybe get some more chips on order b/c I can't image it was happy with 3V into those two pins.

-Chris

---In x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> wrote:

You could try peaking at my settings but you may find better settings that you could share with us.
Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, October 28, 2013 10:19 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

That's great Lee! And good eyes Charlie and Dale re: powering from the radio. I'm working on mine with a battery tonight so I'll peak at yours after I give mine it's first run. HA! Glad to hear the punch seems to be really helping the x1m. :)

-Chris

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <lphebus@... mailto:lphebus@...> wrote:
Thanks Dale, I see that resistor R48C is limiting the current to the mic. I've got the battery-powered one nearly completed. Once done, I'll take a look at lowering that resistor value and building one powered by the X1M. It should easily fit into the X1M stock mic case. My experience so far suggests that a little compression really adds to the average signal power and readability.

Lee

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:
☐
Hi Lee,

Measure exactly what your current drain is and change out the resistor that is in series with the 9T voltage that is impressed on the mic socket.

As Charlie pointed out, it is currently 3.3K at least on the schematic.

Dale W4OP

To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, October 28, 2013 5:13 PM

Subject: RE: Re: [X1M_QRP-Transceiver] RE: RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Thanks!!! I'll take a look!

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:
Lee , have you looked at I believe it is R48C in the radio , a 3.3K resistor and paralleling another 3.3K perhaps right on top of it to power your microphone ?

Dale and I were discussing it and he is much quicker with math and the diagrams and he came up with that idea to maybe do away with the batteries .

Charlie , W5COV

On 10/28/2013 3:54 PM, lphebus@... mailto:lphebus@... wrote:

I have posted an improved microphone with compression circuit in the photos section, "compression circuit" album. The advantage over the original design is that the compression chip is only active (~3mA current draw) when the mic is keyed. When the mic is not keyed, the chip goes into shutdown mode drawing <2 micro-Amps. My design is a battery-powered (2X AAA) replacement microphone, not a modification of the existing mic or X1M. The circuit mod should greatly extend battery life and allows elimination of the on/off switch.

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> mailto:x1m_qrp-transceiver@yahoogroups.com wrote:
I've bread boarded and tested an audio compressor circuit. Pictures are in the "Photos" section. Compression is adjustable from 1:1 to 6.25:1 which seems like plenty to me. It really helps the audio "punch" of the X1M. My plan is to put the circuit in the microphone case with a couple AAA batteries for power. I thought I would use a design like this http://www.qrpkits.com/microphone.html http://www.qrpkits.com/microphone.html . I tried to power it from the +5 volts the socket provides for the electret microphone, but the compressor current draw, although small (<3mA), loaded the 5V down to about 1.7 V. I am surprised by this. The AAA batteries should last a long time however. There are two potentiometers (blue) in the bread boarded circuit. The left is the compression level (Rcomp) and the right is the attenuator adjustment. The output of the compressor chip is a bit too high to feed directly into the X1M.

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <cvest@...> mailto:cvest@... wrote:
LOL Maybe that is why I am an old bachelor . My two dogs don't seem to complain at all and I am a true night person so I am not normally even on the net this early in the morning .

I work DX , various digital modes , the part 15 bands , and I am working on a new part 5 license , where the bands are night time bands , plus I have always enjoyed the peace and quiet of the wee morning hours .

If the bands aren't open I ALWAYS have at least one project on the bench that I am building and usually several at the same time .

However since I went to computer logging , I have gone back to using headsets , so my hands are pretty much free to type when I am on phone . One day I may need to add VOX to the X1M . Right now I have a momentary push button in a film can type plastic container to activate the PTT , until I decide what I want to put in a mic interface box for this little gem or see if I can possibly work with smaller SMT devices and squeeze something inside of it. I can go smaller but 1206 are the smallest I am really at ease with and they are fast disappearing from the market .

Charlie , W5COV

On 9/22/2013 10:36 AM, M_AND_R_SHAREF wrote:

I use to do all my operating late at night. CW and head phones are the way to go if you want to stay married. HI 73
On Sat, Sep 21, 2013 at 12:47 AM, Charlie , W5COV <cvest@... mailto:cvest@...> wrote:

Any new or updated information on how this project is coming along ?

Inquiring minds want to know :)

Charlie , W5COV

On 9/4/2013 12:49 PM, orders@... mailto:orders@... wrote:

I bit the bullet and ordered a ssm2167 on a breakout board from them. I decided against soiling my playing with bad soldering fruseration for the moment and instead will forgo the extra coffee one day. I'm thinking and inline version would be the most useful to start out -- plug the mic into the inline box and then have a tail from the board into the rig. There isn't any room in the rig to stick it easily and putting it directly into the mic would limit it to one circuit per mic... also not flexible. The other option is a larger block in the middle of the mic cable but that seems the wrong way.

Anyone have any thoughts on a performed form factor for it?
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <orders@...> mailto:orders@... wrote:
BTW digikey part number for the SSM2167 is SSM2167-1RMZ-REELCT-ND
http://www.digikey.com/product-detail/en/SSM2167-1RMZ-REEL/SSM2167-1RMZ-REELCT-ND/1628139

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> mailto:mr.olson@... wrote:
Oops, my mistake.Â I bought mine from a different seller 190593669424Â Must be old timers disease kicking in again.

Lee â€“ N9LO

From: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Bill Maxwell
Sent: Tuesday, September 03, 2013 12:19 AM
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Didn't see the chips in that seller's store, Lee. Can you give us the item number for them, please.

Bill, VK7MX
On 3/09/2013 4:14 AM, Lee wrote:

I ordered 2 of the chips on eBay, just in case I kill one, and some chip adapter boards from the same seller. Put item number 181138215223 in the search box to see then.

From: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, September 02, 2013 11:54 AM
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

The more and more I look at this the more and more I want to play with little chip but it is in a tiny tiny MSOP package. And my soldering skills/hand steadiness is NO WHERE near close enough to jump right in. Anyone have a great easy way to put an MSOP chip onto a breadboard or anything like that? I've seen some 'easy' convertors for SMD chips but none for MSOP -- and I guess I haven't looked to see if they would work. Anyway -- if anyone has any great suggestions I'd appreciate it!

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <orders@... mailto:orders@...> wrote:
Thank Ken! Yup I'm thinking with 5 w I'm going to want the most talk power for the punch of my voice. Although I haven't done the math to see the difference between 0.5w and 5w. if my db brain remembers it probably isn't that much ! much like the difference between 5w and 100w ;) But I suspect it is bigger if I compare 0.5 w to 100w ;) And the goal is to get it as compressed and gained right to point before degrading! And we will see where that lands me! And to top that off the neighbor in the new apartment is really sensitive to me talking at night -- she has come twice at 1am to ask me to keep it down while conversing with a friend at lower than normal voices already. So the more punch I can get out of the mic at lower levels the more I can work in the nighhhhhhht!

And thanks for the thumbs up I'm loving the trip!
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <krtdowns@... mailto:krtdowns@...> wrote:
Great attitude, Chris! I'm not familiar with that IC, but it sounds as though it has the functions you are seeking. Reasonable compression will add substantially to your "talk

power." Like most things, it can be overdone and degrade your signal. Sounds as though you are tackling the learning opportunities this little rig offers with zest and enthusiasm. Have fun and enjoy the trip!
Ken, W1KRT

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <orders@... mailto:orders@...> wrote:
Man oh Man! Am I loving this little rig! Not because it is perfect and a great value out of the box but for the exact reason I bit the bullet and bought it before it was all polished: Great learning rig! Every time some limit or question is hit I have a reason to go digging and exploring around in the bits that make radios tick. I'll be happy to get my fully functioning rig to actual work on the air but this is a little gem in my eyes for crackin' open the door to learning about radios!

Anyway, my newest exploration is around the audio and SSB and this little fellar. From what Ed has walked me through I'm beating down the path that the radio WILL transmit 5w PEP on SSB .. the mic, gain, compression, preamp, etc are the limiting factor to making this usable out of the box. I'm currently playing down the path that the gain adjustment in the rig will be sufficient if I can compress the audio so more of it is towards the 5W 'section'. During my dive into this sort of theory I can across this little gem of a chip: http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html

Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

I've got plenty more to do to see if this theory will be valid in the x1m and how it all fits together but I'm loving this rig just for giving me framework to explore and ask about this things. Before this little fella and my trying to test if the SSB output was 'good' and if I needed to send it back everything was just words and now its all tying together. Having a ball!

Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

-Chris
KC8MUS

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1983. RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 04:31:59 UTC
From: <orders@...>
Topic: 1193 Message: 1983

Well I'm tired... rereading your schematic I had it right the first time. I'll rewire it and see what I can see. But that will be tomorrow..... Oy!

---In x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> wrote:

You could try peaking at my settings but you may find better settings that you could share with us.
Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, October 28, 2013 10:19 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

That's great Lee! And good eyes Charlie and Dale re: powering from the radio. I'm working on mine with a battery tonight so I'll peak at yours after I give mine it's first run. HA! Glad to hear the punch seems to be really helping the x1m. :)

-Chris

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <lphebus@... mailto:lphebus@...> wrote:
Thanks Dale, I see that resistor R48C is limiting the current to the mic. I've got the battery-powered one nearly completed. Once done, I'll take a look at lowering that resistor value and building one powered by the X1M. It should easily fit into the X1M stock mic case. My experience so far suggests that a little compression really adds to the average signal power and readability.

Lee

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:
☐
Hi Lee,

Measure exactly what your current drain is and change out the resistor that is in series with the 9T voltage that is impressed on the mic socket.

As Charlie pointed out, it is currently 3.3K at least on the schematic.

Dale W4OP

To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, October 28, 2013 5:13 PM

Subject: RE: Re: [X1M_QRP-Transceiver] RE: RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Thanks!!! I'll take a look!

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:
Lee , have you looked at I believe it is R48C in the radio , a 3.3K resistor and paralleling another 3.3K perhaps right on top of it to power your microphone ?

Dale and I were discussing it and he is much quicker with math and the diagrams and he came up with that idea to maybe do away with the batteries .

Charlie , W5COV

On 10/28/2013 3:54 PM, lphebus@... mailto:lphebus@... wrote:

I have posted an improved microphone with compression circuit in the photos section, "compression circuit" album. The advantage over the original design is that the compression chip is only active (~3mA current draw) when the mic is keyed. When the mic is not keyed, the chip goes into shutdown mode drawing <2 micro-Amps. My design is a battery-powered (2X AAA) replacement microphone, not a modification of the existing mic or X1M. The circuit mod should greatly extend battery life and allows elimination of the on/off switch.

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> mailto:x1m_qrp-transceiver@yahoogroups.com wrote:
I've bread boarded and tested an audio compressor circuit. Pictures are in the "Photos" section. Compression is adjustable from 1:1 to 6.25:1 which seems like plenty to me. It really helps the audio "punch" of the X1M. My plan is to put the circuit in the microphone case with a couple AAA batteries for power. I thought I would use a design like this http://www.qrpkits.com/microphone.html http://www.qrpkits.com/microphone.html . I tried to power it from the +5 volts the socket provides for the electret microphone, but the compressor current draw, although small (<3mA), loaded the 5V down to about 1.7 V. I am surprised by this. The AAA batteries should last a long time however. There are two potentiometers (blue) in the bread boarded circuit. The left is the compression level (Rcomp) and the right is the attenuator adjustment. The output of the compressor chip is a bit too high to feed directly into the X1M.

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <cvest@...> mailto:cvest@... wrote:
LOL Maybe that is why I am an old bachelor . My two dogs don't seem to complain at all and I am a true night person so I am not normally even on the net this early in the morning .

I work DX , various digital modes , the part 15 bands , and I am working on a new part 5 license , where the bands are night time bands , plus I have always enjoyed the peace and quiet of the wee morning hours .

If the bands aren't open I ALWAYS have at least one project on the bench that I am building and usually several at the same time .

However since I went to computer logging , I have gone back to using headsets , so my hands are pretty much free to type when I am on phone . One day I may need to add VOX to the X1M . Right now I have a momentary push button in a film can type plastic container to activate the PTT , until I decide what I want to put in a mic interface box for this little gem or

see if I can possibly work with smaller SMT devices and squeeze something inside of it. I can go smaller but 1206 are the smallest I am really at ease with and they are fast disappearing from the market .

Charlie , W5COV

On 9/22/2013 10:36 AM, M_AND_R_SHAREF wrote:

I use to do all my operating late at night. CW and head phones are the way to go if you want to stay married. HI 73
On Sat, Sep 21, 2013 at 12:47 AM, Charlie , W5COV <cvest@... mailto:cvest@...> wrote:

Any new or updated information on how this project is coming along ?

Inquiring minds want to know :)

Charlie , W5COV

On 9/4/2013 12:49 PM, orders@... mailto:orders@... wrote:

I bit the bullet and ordered a ssm2167 on a breakout board from them. I decided against soiling my playing with bad soldering fruseration for the moment and instead will forgo the extra coffee one day. I'm thinking and inline version would be the most useful to start out -- plug the mic into the inline box and then have a tail from the board into the rig. There isn't any room in the rig to stick it easily and putting it directly into the mic would limit it to one circuit per mic... also not flexible. The other option is a larger block in the middle of the mic cable but that seems the wrong way.

Anyone have any thoughts on a performed form factor for it?
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <orders@...> mailto:orders@... wrote:
BTW digikey part number for the SSM2167 is SSM2167-1RMZ-REELCT-ND
http://www.digikey.com/product-detail/en/SSM2167-1RMZ-REEL/SSM2167-1RMZ-REELCT-ND/1628139

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> mailto:mr.olson@... wrote:
Oops, my mistake.Â I bought mine from a different seller 190593669424Â Must be old timers disease kicking in again.

Lee â€“ N9LO

From: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Bill Maxwell
Sent: Tuesday, September 03, 2013 12:19 AM
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Didn't see the chips in that seller's store, Lee. Can you give us the item number for them, please.

Bill, VK7MX
On 3/09/2013 4:14 AM, Lee wrote:

I ordered 2 of the chips on eBay, just in case I kill one, and some chip adapter boards from the same seller. Put item number 181138215223 in the search box to see then.

From: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, September 02, 2013 11:54 AM
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

The more and more I look at this the more and more I want to play with little chip but it is in a tiny tiny MSOP package. And my soldering skills/hand steadiness is NO WHERE near close enough to jump right in. Anyone have a great easy way to put an MSOP chip onto a breadboard or anything like that? I've seen some 'easy' convertors for SMD chips but none for MSOP -- and I guess I haven't looked to see if they would work. Anyway -- if anyone has any great suggestions I'd appreciate it!

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <orders@... mailto:orders@...> wrote:
Thank Ken! Yup I'm thinking with 5 w I'm going to want the most talk power for the punch of my voice. Although I haven't done the math to see the difference between 0.5w and 5w. if my db brain remembers it probably isn't that much ! much like the difference between 5w and 100w ;) But I suspect it is bigger if I compare 0.5 w to 100w ;) And the goal is to get it as compressed and gained right to point before degrading! And we will see where that lands me! And to top that off the neighbor in the new apartment is really sensitive to me talking at night -- she has come twice at 1am to ask me to keep it down while conversing with a friend at lower than normal voices already. So the more punch I can get out of the mic at lower levels the more I can work in the nighhhhhhht!

And thanks for the thumbs up I'm loving the trip!
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <krtdowns@... mailto:krtdowns@...> wrote:
Great attitude, Chris! I'm not familiar with that IC, but it sounds as though it has the functions you are seeking. Reasonable compression will add substantially to your "talk power." Like most things, it can be overdone and degrade your signal. Sounds as though you are tackling the learning opportunities this little rig offers with zest and enthusiasm. Have fun and enjoy the trip!
Ken, W1KRT

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <orders@... mailto:orders@...> wrote:
Man oh Man! Am I loving this little rig! Not because it is perfect and a great value out of the box but for the exact reason I bit the bullet and bought it before it was all polished: Great learning rig! Every time some limit or question is hit I have a reason to go digging and exploring around in the bits that make radios tick. I'll be happy to get my fully

functioning rig to actual work on the air but this is a little gem in my eyes for crackin' open the door to learning about radios!

Anyway, my newest exploration is around the audio and SSB and this little fellar. From what Ed has walked me through I'm beating down the path that the radio WILL transmit 5w PEP on SSB .. the mic, gain, compression, preamp, etc are the limiting factor to making this usable out of the box. I'm currently playing down the path that the gain adjustment in the rig will be sufficient if I can compress the audio so more of it is towards the 5W 'section'. During my dive into this sort of theory I can across this little gem of a chip: http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html

Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

I've got plenty more to do to see if this theory will be valid in the x1m and how it all fits together but I'm loving this rig just for giving me framework to explore and ask about this things. Before this little fella and my trying to test if the SSB output was 'good' and if I needed to send it back everything was just words and now its all tying together. Having a ball!

Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

-Chris
KC8MUS

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1984. RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 12:27:37 UTC
From: <pezcat19@...>
Topic: 1535 Message: 1984

Hi Dale,

I hope you are well. The completed board and the specs look great! I cant wait to add one of these to my rig. Well done!

Are they available for sale as a complete kit as yet? Sorry if I missed the details on this... (And apologies if I am jumping the gun - I know how busy you are at the moment!)

Cheers,

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

I should have done that, as I was constantly engaging and disengaging the AGC. When listening to a roundtable or causal tuning, it is very impressive.
But now, the radio is back in its cabinet- so no can do. We'll have to wait for someone else to do the A/B.

Dale W4OP

1985. RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 12:57:24 UTC
From: <andreas.fuehrmann@...>
Topic: 1535 Message: 1985

Just wanted to ask the same question as Perrin.
Will you let us know when the kits are ready to order?
Thanks anyway

Andreas, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <pezcat19@...> wrote:

Hi Dale,

I hope you are well. The completed board and the specs look great! I cant wait to add one of these to my rig. Well done!

Are they available for sale as a complete kit as yet? Sorry if I missed the details on this... (And apologies if I am jumping the gun - I know how busy you are at the moment!)

Cheers,

Perrin VK3XPT

1986. Re: [X1M_QRP-Transceiver] RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 13:10:31 UTC
From: Dale Parfitt
Topic: 1535 Message: 1986

Very soon Perrin- I am waiting for a new pot arriving today. I'll announce.

Dale
----- Original Message -----
From: pezcat19@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 30, 2013 8:27 AM
Subject: [X1M_QRP-Transceiver] RE: X1M AGC

Hi Dale,

I hope you are well. The completed board and the specs look great! I cant wait to add one of these to my rig. Well done!

Are they available for sale as a complete kit as yet? Sorry if I missed the details on this... (And apologies if I am jumping the gun - I know how busy you are at the moment!)

Cheers,

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

I should have done that, as I was constantly engaging and disengaging the AGC. When listening to a roundtable or causal tuning, it is very impressive.
But now, the radio is back in its cabinet- so no can do. We'll have to wait for someone else to do the A/B.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1987. Re: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 13:16:55 UTC
From: Stephen Farthing
Topic: 1535 Message: 1987

Hi Dale,

When you do announce the kit please will you include the postage price for
those of us who are outside of the USA.

Thanks,

Steve G0XAR

On Wednesday, 30 October 2013, Dale Parfitt wrote:

> **
>
>
> **
> Very soon Perrin- I am waiting for a new pot arriving today. I'll announce.
>
> Dale
>
> ----- Original Message -----
> *From:* pezcat19@... <javascript:_e({}, 'cvml',
> 'pezcat19@...');>
> *To:* X1M_QRP-Transceiver@yahoogroups.com <javascript:_e({}, 'cvml',
> 'X1M_QRP-Transceiver@yahoogroups.com');>
> *Sent:* Wednesday, October 30, 2013 8:27 AM
> *Subject:* [X1M_QRP-Transceiver] RE: X1M AGC
>
>
>
> Hi Dale,
>
>
> I hope you are well. The completed board and the specs look great! I cant
> wait to add one of these to my rig. Well done!
>
>
> Are they available for sale as a complete kit as yet? Sorry if I missed
> the details on this... (And apologies if I am jumping the gun - I know how
> busy you are at the moment!)
>
>
> Cheers,
>
>
> Perrin VK3XPT
>

>
> ---In x1m_qrp-transceiver@yahoogroups.com <javascript:_e({}, 'cvml',
> 'x1m_qrp-transceiver@yahoogroups.com');>, <parinc1@...> wrote:
>
> I should have done that, as I was constantly engaging and disengaging
> the AGC. When listening to a roundtable or causal tuning, it is very
> impressive.
> But now, the radio is back in its cabinet- so no can do. We'll have to
> wait for someone else to do the A/B.
>
> Dale W4OP
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13
>
>
>

1988. Re: [X1M_QRP-Transceiver] RE: X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 13:27:08 UTC
From: Dale Parfitt
Topic: 1535 Message: 1988

Yes, I will announce to the list- likely later today.

Dale W4OP
----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 30, 2013 8:57 AM
Subject: [X1M_QRP-Transceiver] RE: X1M AGC

Just wanted to ask the same question as Perrin.

Will you let us know when the kits are ready to order?

Thanks anyway

Andreas, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <pezcat19@...> wrote:

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Cheers,

Perrin VK3XPT

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Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1989. Re: [X1M_QRP-Transceiver] X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 13:28:46 UTC
From: Dale Parfitt
Topic: 1535 Message: 1989

That is one of my missions today- get to the P.O. and discuss alternatives for international shipping.

Dale W4OP

----- Original Message -----
From: Stephen Farthing
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 30, 2013 9:16 AM
Subject: Re: [X1M_QRP-Transceiver] X1M AGC

Hi Dale,

When you do announce the kit please will you include the postage price for those of us who are outside of the USA.

Thanks,

Steve G0XAR

On Wednesday, 30 October 2013, Dale Parfitt wrote:

Very soon Perrin- I am waiting for a new pot arriving today. I'll announce.

Dale
----- Original Message -----
From: pezcat19@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 30, 2013 8:27 AM
Subject: [X1M_QRP-Transceiver] RE: X1M AGC

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Cheers,

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

I should have done that, as I was constantly engaging and disengaging the AGC. When listening to a roundtable or causal tuning, it is very impressive.
But now, the radio is back in its cabinet- so no can do. We'll have to wait for someone else to do the A/B.

Dale W4OP

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Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1990. Re: Still Waiting For An Answer From KightRadio.com

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 14:52:58 UTC
From: Heath - VK3TWO / VK6TWO
Topic: 1359 Message: 1990

David,

If you want to get one locally in VK, head here <http://www.spooktech.net>.

A fellow ham here in VK6 also ordered one from Kight. Difference with his case is that one actually arrived (the original version) after weeks/months of incommunicado, but it was faulty. It was returned back to Kight, and a full refund was given. Several weeks later, a small HF amplifier arrived in the mail from Kight, which he didn't order, but turns out he was charged for. Understandably he didn't want the amplifier, nor the cost of returning it, and certainly didn't want to pay for something he hadn't authorised payment for.

I'm not sure what the outcome was, but it sounded ugly at the time. If you want to know the outcome, I can find out for you if you want to reply to me 'off list'.

73's

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
VK3TWO Website <http://sites.google.com/site/actionman5/>

DSTAR <http://www.dstar.org.au/what_is_dstar.htm> Co-ordinator (WA)
SOTA <http://www.sota.org.uk/> Co-ordinator (WA)
Hills Amateur Radio Group <http://www.harg.org.au> - Technical Officer
WA Repeater Group <http://www.warg.org.au> – Committee
WA VHF Group <http://www.wavhfgroup.org.au/> – Committee
Wireless Institute Civil Emergency
Network<http://www.wia.org.au/members/emcom/wicen/>– President &
Technical Officer (WA)
Wireless Institute of Australia <http://www.wia.org.au> – State Advisory
Committee <http://www.wia.org.au/members/advisories/about/> (WA)
Wireless Institute of Australia - State Emergency
Comms<http://www.wia.org.au/members/emcom/about/>co-ordinator (WA)
<spooktech@...> <http://www.spooktech.net>

1991. Z axis conductive tape for surface mounts?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 15:12:29 UTC
From: <lphebus@...>
Topic: 1991 Message: 1991

I just saw in the new products video from SparkFun electronics that they sell a double-sided tape that only conducts through the thin axis of the tape, the "Z axis". In their video (accessible from this page https://www.sparkfun.com/products/12042 https://www.sparkfun.com/products/12042), they use the tape to connect a surface-mount processor chip to a circuit board. If you scroll down the page, you will see comments from customers. They help put things in perspective and define the limitations.

I know that, for various reasons, some are hesitant to use surface mount parts. This tape could be useful to breadboard chips (on breakout boards) that one might not otherwise consider using because of the surface mount hassle. You could then know if the circuit works and embark on the surface mount soldering task with confidence it is worth the effort. Alternatively, maybe the tape is rugged enough to use in a "production" mode? Just FYI...

BTW, the minimum pitch the tape is specified for is 0.4 mm (although in the comments on the Sparkfun page some point out that the datasheet suggests it will probably work for smaller). The compression chip being used by some in this group has a 0.5 mm pitch, so it should work well.

1992. Ordering X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 16:46:56 UTC
From: Dale Parfitt
Topic: 1992 Message: 1992

I will begin shipping kits on Friday- awaiting padded envelopes that were supposed to be here Monday.

Anyway, here is what I have worked out:
Domestic orders are $11. Foreign orders $13. I really don't want to make money on this, but sure don't want to lose either- I hope everyone will be happy with the priceing

I have all the tiny boards sheared up. Parts will come all packaged together. SMD resistor values are marked. There are only 2 different capacitor values and their physical size distinguishes one from another. The single diode is also unique in its footprint. The larger sized pots are due in today.

I will continue to update the on-line manual but for now- you will need an excellent pair of flush cutters in order to lift pin 5 of the MC1350 RF amp. You must also have already done my AF Gain mod as the additonal 12dB of gain is essential for the AGC. Finally, you will need a small piece of doube sided foam tape- about 1/32" (1mm) thick. I will supply ribbon cable for the 4 hook up leads.

Send payment via PayPal to parinc1@...
BE SURE YOUR POSTAL ADDRESS IS SELECTED IN THE PAYPAL FORM. Also reference X1M AGC in the Subject field.

The larger pots just arrived.
I will confirm each order as it arrives.

73 & GL,

Dale W4OP

1993. RE: Z axis conductive tape for surface mounts?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 16:55:19 UTC
From: <orders@...>
Topic: 1991 Message: 1993

Lee thanks for that! Hot diggly I'm going to have to order some of that for the tool box!
-Chris

---In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

I just saw in the new products video from SparkFun electronics that they sell a double-sided tape that only conducts through the thin axis of the tape, the "Z axis". In their video (accessible from this page https://www.sparkfun.com/products/12042 https://www.sparkfun.com/products/12042), they use the tape to connect a surface-mount processor chip to a circuit board. If you scroll down the page, you will see comments from customers. They help put things in perspective and define the limitations.

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BTW, the minimum pitch the tape is specified for is 0.4 mm (although in the comments on the Sparkfun page some point out that the datasheet suggests it will probably work for smaller). The compression chip being used by some in this group has a 0.5 mm pitch, so it should work well.

1994. RE: Ordering X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 18:59:21 UTC
From: <andreas.fuehrmann@...>
Topic: 1992 Message: 1994

My order is placed! Thanks a lot for supporting our community.

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

I will begin shipping kits on Friday- awaiting padded envelopes that were supposed to be here Monday.

Anyway, here is what I have worked out:
Domestic orders are $11. Foreign orders $13. I really don't want to make money on this, but sure don't want to lose either- I hope everyone will be happy with the priceing

I have all the tiny boards sheared up. Parts will come all packaged together. SMD resistor values are marked. There are only 2 different capacitor values and their physical size distinguishes one from another. The single diode is also unique in its footprint. The larger sized pots are due in today.

I will continue to update the on-line manual but for now- you will need an excellent pair of flush cutters in order to lift pin 5 of the MC1350 RF amp. You must also have already done my AF Gain mod as the additonal 12dB of gain is essential for the AGC. Finally, you will need a small piece of doube sided foam tape- about 1/32" (1mm) thick. I will supply ribbon cable for the 4 hook up leads.

Send payment via PayPal to parinc1@... mailto:parinc1@...
BE SURE YOUR POSTAL ADDRESS IS SELECTED IN THE PAYPAL FORM. Also reference X1M AGC in the Subject field.

The larger pots just arrived.
I will confirm each order as it arrives.

73 & GL,

Dale W4OP

1995. X1M stand

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 19:10:09 UTC
From: <G3cwi@...>
Topic: 1995 Message: 1995

Hi guys

I have designed a stand for the X1M to make it a little easier to use in the shack. I hope that you like it !

Www.sotabeams.co.uk/radio-stands

73 Richard G3CWI

1996. Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 19:40:39 UTC
From: Droid Power
Topic: 1992 Message: 1996

I might have missed this but has anyone made a video of the difference with AGC on and off. I would like to see it and also maybe post it to the wiki

On Wed, Oct 30, 2013 at 11:59 AM, <andreas.fuehrmann@...> wrote:

> **
>
>
> My order is placed! Thanks a lot for supporting our community.
>
>
> Andy, DC3AFA
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:
>
>
> I will begin shipping kits on Friday- awaiting padded envelopes that were
> supposed to be here Monday.
>
> Anyway, here is what I have worked out:
> Domestic orders are $11. Foreign orders $13. I really don't want to make
> money on this, but sure don't want to lose either- I hope everyone will be
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> together. SMD resistor values are marked. There are only 2 different
> capacitor values and their physical size distinguishes one from another.
> The single diode is also unique in its footprint. The larger sized pots
> are due in today.
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> I will continue to update the on-line manual but for now- you will need an
> excellent pair of flush cutters in order to lift pin 5 of the MC1350 RF
> amp. You must also have already done my AF Gain mod as the additonal 12dB
> of gain is essential for the AGC. Finally, you will need a small piece of
> doube sided foam tape- about 1/32" (1mm) thick. I will supply ribbon cable
> for the 4 hook up leads.
>
> Send payment via PayPal to parinc1@...
> BE SURE YOUR POSTAL ADDRESS IS SELECTED IN THE PAYPAL FORM. Also reference
> X1M AGC in the Subject field.
>
> The larger pots just arrived.
> I will confirm each order as it arrives.
>

> 73 & GL,
>
> Dale W4OP
>
>
>

1997. RE: Ordering X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 19:50:41 UTC
From: <johnkc8jzo@...>
Topic: 1992 Message: 1997

Hello Dale,

Your e-mail address is truncated through Yahoo after the @ sign. What is the latter part of your e-mail (is it @yahoo.com)? Ultimately, I'm interested in a kit.

Thanks,
John Golub
KC8JZO

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

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Send payment via PayPal to parinc1@... mailto:parinc1@...
BE SURE YOUR POSTAL ADDRESS IS SELECTED IN THE PAYPAL FORM. Also reference X1M AGC in the Subject field.

The larger pots just arrived.
I will confirm each order as it arrives.

73 & GL,

Dale W4OP

1998. Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 19:56:19 UTC
From: Dale Parfitt
Topic: 1992 Message: 1998

parinc1@...

----- Original Message -----
From: johnkc8jzo@yahoo.com
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 30, 2013 3:50 PM
Subject: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Hello Dale,

Your e-mail address is truncated through Yahoo after the @ sign. What is the latter part of your e-mail (is it @yahoo.com)? Ultimately, I'm interested in a kit.

Thanks,

John Golub

KC8JZO

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

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Send payment via PayPal to parinc1@...
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Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

1999. RE: X1M stand

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 21:40:50 UTC
From: <kd4hjt@...>
Topic: 1995 Message: 1999

Just ordered one. It looks great Richard.

Ray KD4HJT

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Hi guys

I have designed a stand for the X1M to make it a little easier to use in the shack. I hope that you like it !

Www.sotabeams.co.uk/radio-stands

73 Richard G3CWI

2000. RE: Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 21:54:50 UTC
From: <johnkc8jzo@...>
Topic: 1992 Message: 2000

I think you are going to have to spell the e-mail address out without the @ sign. Yahoo keeps truncating the last part of the address, replacing it with an ellipsis.

John G.

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

☐ parinc1@... mailto:parinc1@...

----- Original Message -----
From: johnkc8jzo@... mailto:johnkc8jzo@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 30, 2013 3:50 PM
Subject: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Hello Dale,

Your e-mail address is truncated through Yahoo after the @ sign. What is the latter part of your e-mail (is it @...)? Ultimately, I'm interested in a kit.

Thanks,
John Golub
KC8JZO

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:

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Anyway, here is what I have worked out:
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Send payment via PayPal to parinc1@... mailto:parinc1@...
BE SURE YOUR POSTAL ADDRESS IS SELECTED IN THE PAYPAL FORM. Also reference X1M AGC in the Subject field.

The larger pots just arrived.
I will confirm each order as it arrives.

73 & GL,

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

2001. Re: Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 21:56:51 UTC
From: Dale Parfitt
Topic: 1992 Message: 2001

Yes, I did that earlier- here it is again: parinc1 AT frontier.com

Dale W4OP
----- Original Message -----
From: johnkc8jzo@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 30, 2013 5:54 PM
Subject: RE: Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

I think you are going to have to spell the e-mail address out without the @ sign. Yahoo keeps truncating the last part of the address, replacing it with an ellipsis.

John G.

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

☐
parinc1@...

----- Original Message -----
From: johnkc8jzo@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 30, 2013 3:50 PM
Subject: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Hello Dale,

Your e-mail address is truncated through Yahoo after the @ sign. What is the latter part of your e-mail (is it @...)? Ultimately, I'm interested in a kit.

Thanks,

John Golub

KC8JZO

---In X1M_QRP-Transceiver@...m, <x1m_qrp-transceiver@yahoogroups.com> wrote:

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Anyway, here is what I have worked out:
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larger sized pots are due in today.

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The larger pots just arrived.
I will confirm each order as it arrives.

73 & GL,

Dale W4OP
No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

2002. RE: X1M stand

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-30 22:07:51 UTC
From: <dani.novak.eu@...>
Topic: 1995 Message: 2002

Excellent, also just ordered! Although the speaker is top-mounted it's still awkward using this rig at its natural angle >_>.

Thanks & 73,

Dani M6VPN

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Hi guys

I have designed a stand for the X1M to make it a little easier to use in the shack. I hope that you like it !

Www.sotabeams.co.uk/radio-stands

73 Richard G3CWI

2003. Re: Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-31 02:26:09 UTC
From: Droid Power
Topic: 1992 Message: 2003

can you please point me to the mod information?

On Wed, Oct 30, 2013 at 2:56 PM, Dale Parfitt <parinc1@...> wrote:

> **
>
>
> **
> Yes, I did that earlier- here it is again: parinc1 AT frontier.com<parinc1@frontier.com>
>
> Dale W4OP
>
> ----- Original Message -----
> *From:* johnkc8jzo@...
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Wednesday, October 30, 2013 5:54 PM
> *Subject:* RE: Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC
>
>
>
> I think you are going to have to spell the e-mail address out without the
> @ sign. Yahoo keeps truncating the last part of the address, replacing it
> with an ellipsis.
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>
>
> John G.
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com, <
> x1m_qrp-transceiver@yahoogroups.com> wrote:
>
>
> parinc1@...
>
>
>
> ----- Original Message -----
> *From:* johnkc8jzo@...
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Wednesday, October 30, 2013 3:50 PM
> *Subject:* [X1M_QRP-Transceiver] RE: Ordering X1M AGC
>
>
>
>

> Hello Dale,
>
>
>
> Your e-mail address is truncated through Yahoo after the @ sign.
> What is the latter part of your e-mail (is it @...)? Ultimately, I'm
> interested in a kit.
>
>
>
> Thanks,
>
> John Golub
>
> KC8JZO
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com, <
> x1m_qrp-transceiver@yahoogroups.com> wrote:
>
>
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> together. SMD resistor values are marked. There are only 2 different
> capacitor values and their physical size distinguishes one from another.
> The single diode is also unique in its footprint. The larger sized pots
> are due in today.
>
> I will continue to update the on-line manual but for now- you will need an
> excellent pair of flush cutters in order to lift pin 5 of the MC1350 RF
> amp. You must also have already done my AF Gain mod as the additonal 12dB
> of gain is essential for the AGC. Finally, you will need a small piece of
> doube sided foam tape- about 1/32" (1mm) thick. I will supply ribbon cable
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> 73 & GL,

>
> Dale W4OP
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13
>
>
>

2004. Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-31 02:48:47 UTC
From: Charlie , W5COV
Topic: 1992 Message: 2004

It is the resistor mod from pin 1 of the LM-386 for additional audio
gain that is being mentioned .

Charlie , W5COV

On 10/30/2013 9:26 PM, Droid Power wrote:
> can you please point me to the mod information?
>
>
> On Wed, Oct 30, 2013 at 2:56 PM, Dale Parfitt <parinc1@...
> <mailto:parinc1@...>> wrote:
>
> Yes, I did that earlier- here it is again: parinc1 AT frontier.com
> <mailto:parinc1@...>
> Dale W4OP
>
> ----- Original Message -----
> *From:* johnkc8jzo@... <mailto:johnkc8jzo@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Wednesday, October 30, 2013 5:54 PM
> *Subject:* RE: Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC
>
> I think you are going to have to spell the e-mail address out
> without the @ sign. Yahoo keeps truncating the last part of
> the address, replacing it with an ellipsis.
>
> John G.
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>,
> <x1m_qrp-transceiver@yahoogroups.com
> <mailto:x1m_qrp-transceiver@yahoogroups.com>> wrote:
>
> parinc1@... <mailto:parinc1@...>
>
> ----- Original Message -----
> *From:* johnkc8jzo@... <mailto:johnkc8jzo@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Wednesday, October 30, 2013 3:50 PM
> *Subject:* [X1M_QRP-Transceiver] RE: Ordering X1M AGC
>

> Hello Dale,
>
> Your e-mail address is truncated through Yahoo
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>
> Thanks,
>
> John Golub
>
> KC8JZO
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>,
> <x1m_qrp-transceiver@yahoogroups.com
> <mailto:x1m_qrp-transceiver@yahoogroups.com>> wrote:
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> I will begin shipping kits on Friday- awaiting padded
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> The larger pots just arrived.
> I will confirm each order as it arrives.
> 73 & GL,
> Dale W4OP
>
> No virus found in this message.

> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3615/6783 -
> Release Date: 10/26/13
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3615/6783 - Release
> Date: 10/26/13
>
>
>

2005. Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-31 02:55:56 UTC
From: Droid Power
Topic: 1992 Message: 2005

where is the exact information on that?

On Wed, Oct 30, 2013 at 7:48 PM, Charlie , W5COV <cvest@...> wrote:

> **
>
>
> It is the resistor mod from pin 1 of the LM-386 for additional audio gain
> that is being mentioned .
>
> Charlie , W5COV
>
>
> On 10/30/2013 9:26 PM, Droid Power wrote:
>
>
> can you please point me to the mod information?
>
>
> On Wed, Oct 30, 2013 at 2:56 PM, Dale Parfitt <parinc1@...>wrote:
>
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>>
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>>
>> Dale W4OP
>>
>> ----- Original Message -----
>> *From:* johnkc8jzo@...
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> *Sent:* Wednesday, October 30, 2013 5:54 PM
>> *Subject:* RE: Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC
>>
>>
>>
>> I think you are going to have to spell the e-mail address out without
>> the @ sign. Yahoo keeps truncating the last part of the address, replacing
>> it with an ellipsis.
>>
>>
>>
>> John G.
>>
>>
>> ---In X1M_QRP-Transceiver@yahoogroups.com, <

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>>
>> parinc1@...
>>
>>
>>
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>> *Sent:* Wednesday, October 30, 2013 3:50 PM
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>>
>>
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>>
>>
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>> Thanks,
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>> John Golub
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>> KC8JZO
>>
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>>
>> No virus found in this message.
>> Checked by AVG - www.avg.com
>> Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13
>>
>>
>
>
>

2006. Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-31 03:00:20 UTC
From: Charlie , W5COV
Topic: 1992 Message: 2006

http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/files/Mods%20and%20Reviews

On 10/30/2013 9:55 PM, Droid Power wrote:
> where is the exact information on that?
>
>
> On Wed, Oct 30, 2013 at 7:48 PM, Charlie , W5COV <cvest@...
> <mailto:cvest@...>> wrote:
>
> It is the resistor mod from pin 1 of the LM-386 for additional
> audio gain that is being mentioned .
>
> Charlie , W5COV
>
>
>
> On 10/30/2013 9:26 PM, Droid Power wrote:
>> can you please point me to the mod information?
>>
>>
>> On Wed, Oct 30, 2013 at 2:56 PM, Dale Parfitt
>> <parinc1@... <mailto:parinc1@...>> wrote:
>>
>> Yes, I did that earlier- here it is again: parinc1 AT
>> frontier.com <mailto:parinc1@...>
>> Dale W4OP
>>
>> ----- Original Message -----
>> *From:* johnkc8jzo@... <mailto:johnkc8jzo@...>
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>> *Sent:* Wednesday, October 30, 2013 5:54 PM
>> *Subject:* RE: Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC
>>
>> I think you are going to have to spell the e-mail address
>> out without the @ sign. Yahoo keeps truncating the last
>> part of the address, replacing it with an ellipsis.
>>
>> John G.
>>
>>
>>
>> ---In X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>,
>> <x1m_qrp-transceiver@yahoogroups.com

>> <mailto:x1m_qrp-transceiver@yahoogroups.com>> wrote:
>>
>> parinc1@... <mailto:parinc1@...>
>>
>> ----- Original Message -----
>> *From:* johnkc8jzo@... <mailto:johnkc8jzo@...>
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>> *Sent:* Wednesday, October 30, 2013 3:50 PM
>> *Subject:* [X1M_QRP-Transceiver] RE: Ordering X1M AGC
>>
>> Hello Dale,
>>
>> Your e-mail address is truncated through
>> Yahoo after the @ sign. What is the latter part
>> of your e-mail (is it @...)? Ultimately, I'm
>> interested in a kit.
>>
>> Thanks,
>>
>> John Golub
>>
>> KC8JZO
>>
>>
>>
>> ---In X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>,
>> <x1m_qrp-transceiver@yahoogroups.com
>> <mailto:x1m_qrp-transceiver@yahoogroups.com>> wrote:
>>
>> I will begin shipping kits on Friday- awaiting
>> padded envelopes that were supposed to be here
>> Monday.
>> Anyway, here is what I have worked out:
>> Domestic orders are $11. Foreign orders $13. I
>> really don't want to make money on this, but sure
>> don't want to lose either- I hope everyone will
>> be happy with the priceing
>> I have all the tiny boards sheared up. Parts will
>> come all packaged together. SMD resistor values
>> are marked. There are only 2 different capacitor
>> values and their physical size distinguishes one
>> from another. The single diode is also unique in
>> its footprint. The larger sized pots are due in
>> today.
>> I will continue to update the on-line manual but
>> for now- you will need an excellent pair of flush
>> cutters in order to lift pin 5 of the MC1350 RF
>> amp. You must also have already done my AF Gain

>> mod as the additonal 12dB of gain is essential
>> for the AGC. Finally, you will need a small piece
>> of doube sided foam tape- about 1/32" (1mm)
>> thick. I will supply ribbon cable for the 4 hook
>> up leads.
>> Send payment via PayPal to parinc1@...
>> <mailto:parinc1@...>
>> BE SURE YOUR POSTAL ADDRESS IS SELECTED IN THE
>> PAYPAL FORM. Also reference X1M AGC in the
>> Subject field.
>> The larger pots just arrived.
>> I will confirm each order as it arrives.
>> 73 & GL,
>> Dale W4OP
>>
>> No virus found in this message.
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>> Release Date: 10/26/13
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>>
>
>
>

2007. Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-31 03:03:53 UTC
From: Droid Power
Topic: 1992 Message: 2007

are there any written instructions ?

On Wed, Oct 30, 2013 at 8:00 PM, Charlie , W5COV <cvest@...> wrote:

> **
>
>
>
> http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/files/Mods%20and%20Reviews
> On 10/30/2013 9:55 PM, Droid Power wrote:
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>> On Wed, Oct 30, 2013 at 2:56 PM, Dale Parfitt <parinc1@...>wrote:
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>>>
>>> Dale W4OP
>>>
>>> ----- Original Message -----
>>> *From:* johnkc8jzo@...
>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>> *Sent:* Wednesday, October 30, 2013 5:54 PM
>>> *Subject:* RE: Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC
>>>

>>>
>>>
>>> I think you are going to have to spell the e-mail address out without
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>>> John G.
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>>> parinc1@...
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>>> *Sent:* Wednesday, October 30, 2013 3:50 PM
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>>> Hello Dale,
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>>>
>>> Your e-mail address is truncated through Yahoo after the @ sign.
>>> What is the latter part of your e-mail (is it @...)? Ultimately, I'm
>>> interested in a kit.
>>>
>>>
>>>
>>> Thanks,
>>>
>>> John Golub
>>>
>>> KC8JZO
>>>
>>>
>>> ---In X1M_QRP-Transceiver@yahoogroups.com, <
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>>> an excellent pair of flush cutters in order to lift pin 5 of the MC1350 RF
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>>> of gain is essential for the AGC. Finally, you will need a small piece of
>>> doube sided foam tape- about 1/32" (1mm) thick. I will supply ribbon cable
>>> for the 4 hook up leads.
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>>> BE SURE YOUR POSTAL ADDRESS IS SELECTED IN THE PAYPAL FORM. Also
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>>>
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>>
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>

2008. Re: Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-31 03:05:44 UTC
From: Dale Parfitt
Topic: 1992 Message: 2008

Are you referring to the audio gain mod? It just involves shorting out R80C and has been discussed extensivly here.

Dale W4OP
----- Original Message -----
From: Droid Power
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 30, 2013 10:26 PM
Subject: Re: Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

can you please point me to the mod information?

On Wed, Oct 30, 2013 at 2:56 PM, Dale Parfitt <parinc1@frontier.com> wrote:

Yes, I did that earlier- here it is again: parinc1 AT frontier.com

Dale W4OP
----- Original Message -----
From: johnkc8jzo@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 30, 2013 5:54 PM
Subject: RE: Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

I think you are going to have to spell the e-mail address out without the @ sign. Yahoo keeps truncating the last part of the address, replacing it with an ellipsis.

John G.

---In X1M_QRP-Transceiver@...m, <x1m_qrp-transceiver@yahoogroups.com> wrote:

parinc1@...

----- Original Message -----
From: johnkc8jzo@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 30, 2013 3:50 PM
Subject: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Hello Dale,

Your e-mail address is truncated through Yahoo after the @ sign. What is the latter part of your e-mail (is it @...)? Ultimately, I'm interested in a kit.

Thanks,

John Golub

KC8JZO

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I will begin shipping kits on Friday- awaiting padded envelopes that were supposed to be here Monday.

Anyway, here is what I have worked out:
Domestic orders are $11. Foreign orders $13. I really don't want to make money on this, but sure don't want to lose either- I hope everyone will be happy with the priceing

I have all the tiny boards sheared up. Parts will come all packaged together. SMD resistor values are marked. There are only 2 different capacitor values and their physical size distinguishes one from another. The single diode is also unique in its footprint. The larger sized pots are due in today.

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Send payment via PayPal to parinc1@...
BE SURE YOUR POSTAL ADDRESS IS SELECTED IN THE PAYPAL FORM. Also reference X1M AGC in the Subject field.

The larger pots just arrived.
I will confirm each order as it arrives.

73 & GL,

Dale W4OP

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Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

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Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

2009. Re: Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-31 03:11:55 UTC
From: Droid Power
Topic: 1992 Message: 2009

Well this is why i am trying to consolidate information into simple step by
step guides. As you said its been discussed extensive its hard to go
through all the messages, is there one that details it?

On Wed, Oct 30, 2013 at 8:05 PM, Dale Parfitt <parinc1@...> wrote:

> **
>
>
> **
> Are you referring to the audio gain mod? It just involves shorting out
> R80C and has been discussed extensivly here.
>
> Dale W4OP
>
> ----- Original Message -----
> *From:* Droid Power <droidgsm2013@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Wednesday, October 30, 2013 10:26 PM
> *Subject:* Re: Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC
>
>
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>
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>> Yes, I did that earlier- here it is again: parinc1 AT frontier.com<parinc1@frontier.com>
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>> Dale W4OP
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>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> *Sent:* Wednesday, October 30, 2013 3:50 PM
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>> Hello Dale,
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>>
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>> Thanks,
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>> John Golub
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>> ---In X1M_QRP-Transceiver@yahoogroups.com, <
>> x1m_qrp-transceiver@yahoogroups.com> wrote:
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>> Anyway, here is what I have worked out:
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>> money on this, but sure don't want to lose either- I hope everyone will be

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> Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13
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>
>

2010. Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-31 03:15:54 UTC
From: Charlie , W5COV
Topic: 1992 Message: 2010

Are you listening to 600 tonight ? Looks active.

Charlie

On 10/30/2013 10:11 PM, Droid Power wrote:
> Well this is why i am trying to consolidate information into simple
> step by step guides. As you said its been discussed extensive its hard
> to go through all the messages, is there one that details it?
>
>
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>
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> Dale W4OP
>
> ----- Original Message -----
> *From:* Droid Power <mailto:droidgsm2013@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Wednesday, October 30, 2013 10:26 PM
> *Subject:* Re: Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC
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> John Golub
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>

2011. RE: Re: Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-31 03:26:48 UTC
From: <kd4hjt@...>
Topic: 1992 Message: 2011

Check in files,mods and reviews,

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Well this is why i am trying to consolidate information into simple step by step guides. As you said its been discussed extensive its hard to go through all the messages, is there one that details it?

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To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com

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John Golub
KC8JZO

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:

I will begin shipping kits on Friday- awaiting padded envelopes that were supposed to be here Monday.

Anyway, here is what I have worked out:
Domestic orders are $11. Foreign orders $13. I really don't want to make money on this, but sure don't want to lose either- I hope everyone will be happy with the priceing

I have all the tiny boards sheared up. Parts will come all packaged together. SMD resistor values are marked. There are only 2 different capacitor values and their physical size distinguishes one from another. The single diode is also unique in its footprint. The larger sized pots are due in today.

I will continue to update the on-line manual but for now- you will need an excellent pair of flush cutters in order to lift pin 5 of the MC1350 RF amp. You must also have already done my AF Gain mod as the additonal 12dB of gain is essential for the AGC. Finally, you will need a small piece of doube sided foam tape- about 1/32" (1mm) thick. I will supply ribbon cable for the 4 hook up leads.

Send payment via PayPal to parinc1@... mailto:parinc1@...
BE SURE YOUR POSTAL ADDRESS IS SELECTED IN THE PAYPAL FORM. Also reference X1M AGC in the Subject field.

The larger pots just arrived.
I will confirm each order as it arrives.

73 & GL,

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

No virus found in this message.
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2012. Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-31 05:23:12 UTC
From: Tarunodjojo
Topic: 1992 Message: 2012

Hi Dale,

Mine too..

Many thanks,
Joy/YB0NSI..

iPhone is Cool !

> On 31 Okt 2013, at 01.59, <andreas.fuehrmann@...> wrote:
>
> My order is placed! Thanks a lot for supporting our community.
>
>
>
> Andy, DC3AFA
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:
>
>
> I will begin shipping kits on Friday- awaiting padded envelopes that were supposed to be here Monday.
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> Anyway, here is what I have worked out:
> Domestic orders are $11. Foreign orders $13. I really don't want to make money on this, but sure don't want to lose either- I hope everyone will be happy with the priceing
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> The larger pots just arrived.
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>
> 73 & GL,
>
> Dale W4OP
>

2013. RE: Ordering X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-31 12:05:34 UTC
From: <pezcat19@...>
Topic: 1992 Message: 2013

Hi Dale,

I have just placed my order via PayPal. Thanks for all of your efforts here, they are greatly appreciated! (That price is CHEAP! Everyone should be very happy about that! ;)

Cheers,

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <yc0nsi@...> wrote:

Hi Dale,

Mine too..

Many thanks,
Joy/YB0NSI..

iPhone is Cool !

On 31 Okt 2013, at 01.59, <andreas.fuehrmann@... mailto:andreas.fuehrmann@...> wrote:

My order is placed! Thanks a lot for supporting our community.

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

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Send payment via PayPal to parinc1@... mailto:parinc1@...
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Dale W4OP

2014. Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-10-31 13:01:51 UTC
From: Dale Parfitt
Topic: 1992 Message: 2014

I am w/o a bias Tee for now- sold it with the Pixel.

Dale
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 30, 2013 11:15 PM
Subject: Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Are you listening to 600 tonight ? Looks active.

Charlie

On 10/30/2013 10:11 PM, Droid Power wrote:

Well this is why i am trying to consolidate information into simple step by step guides. As you said its been discussed extensive its hard to go through all the messages, is there one that details it?

On Wed, Oct 30, 2013 at 8:05 PM, Dale Parfitt <parinc1@...> wrote:

Are you referring to the audio gain mod? It just involves shorting out R80C and has been discussed extensivly here.

Dale W4OP
----- Original Message -----
From: Droid Power
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 30, 2013 10:26 PM
Subject: Re: Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

can you please point me to the mod information?

On Wed, Oct 30, 2013 at 2:56 PM, Dale Parfitt <parinc1@frontier.com> wrote:

Yes, I did that earlier- here it is again: parinc1 AT frontier.com

Dale W4OP
----- Original Message -----
From: johnkc8jzo@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 30, 2013 5:54 PM
Subject: RE: Re: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

I think you are going to have to spell the e-mail address out without the @ sign. Yahoo keeps truncating the last part of the address, replacing it with an ellipsis.

John G.

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

parinc1@...

----- Original Message -----
From: johnkc8jzo@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, October 30, 2013 3:50 PM
Subject: [X1M_QRP-Transceiver] RE: Ordering X1M AGC

Hello Dale,

Your e-mail address is truncated through Yahoo after the @ sign. What is the latter part of your e-mail (is it @...)? Ultimately, I'm interested in a kit.

Thanks,

John Golub

KC8JZO

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

I will begin shipping kits on Friday- awaiting padded envelopes that were supposed to be here Monday.

Anyway, here is what I have worked out:
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Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

2016. SSM2167 Help I'm stuck

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-01 03:37:51 UTC
From: <mr.olson@...>
Topic: 2016 Message: 2016

After getting a SSM2167 Speech Conditioner to work inline with the microphone using external power I went back to one inside the microphone with the LED disconnected. I'm having some problems and I am asking for some help. The diagram is the Photo section in the N9LO folder. It is not in the microphone yet. I am feeding it from a 5 volt regulator like the 5 volts coming into the Tip of the microphone plug. A 1khz 40mv signal is put in at the point where you would connect the positive lead of the electret microphone. The 1N5819 rectifier is my attempt to keep the audio from getting back to the 5 volt + tip. With the switch in the Uncompressed position I can read the input signal on my oscilloscope at test point 1, TP1 and at TP2 which is connected to the 5 volt + plug tip. With the switch in the Compressed position I can still read the signal from TP1 which is now connected the the chip output though a voltage divider but now I read nothing at TP2.

Lee - N9LO

2017. Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-01 13:49:50 UTC
From: Dale Parfitt
Topic: 2016 Message: 2017

Hi Lee,
The tip which is labled +5- that is coming from inside the radio?
When in compressed postion, what DC voltge do you read on the 5V line?
Do I understand you that currently, the +5VDC line is something like the output of a 7805 regulator?- if so, that is a very, very low impedance point and would squash any audion on the line.

I guess I need more schematic as to what exists at that +5 VDC point.

Dale W4OP
----- Original Message -----
From: mr.olson@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, October 31, 2013 11:37 PM
Subject: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

After getting a SSM2167 Speech Conditioner to work inline with the microphone using external power I went back to one inside the microphone with the LED disconnected. I'm having some problems and I am asking for some help. The diagram is the Photo section in the N9LO folder. It is not in the microphone yet. I am feeding it from a 5 volt regulator like the 5 volts coming into the Tip of the microphone plug. A 1khz 40mv signal is put in at the point where you would connect the positive lead of the electret microphone. The 1N5819 rectifier is my attempt to keep the audio from getting back to the 5 volt + tip. With the switch in the Uncompressed position I can read the input signal on my oscilloscope at test point 1, TP1 and at TP2 which is connected to the 5 volt + plug tip. With the switch in the Compressed position I can still read the signal from TP1 which is now connected the the chip output though a voltage divide r but now I read nothing at TP2.

Lee - N9LO

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Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

2018. RE: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-01 14:31:09 UTC
From: Lee
Topic: 2016 Message: 2018

The Tip is just a label of where it would connect to the plug if I was not using the 5 volts from a 7805 regulator connected to a 9 volt battery for testing. It is not in the microphone yet. When in the compression setting there is 5 volts on the line. Is the 5 volts coming out of the radio during transmit on the Tip line have a higher impedance?

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Friday, November 01, 2013 8:50 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

☐

Hi Lee,

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I guess I need more schematic as to what exists at that +5 VDC point.

Dale W4OP

----- Original Message -----

From: mr.olson@charter.net

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Thursday, October 31, 2013 11:37 PM

Subject: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

After getting a SSM2167 Speech Conditioner to work inline with the microphone using external power I went back to one inside the microphone with the LED disconnected. I'm having some problems and I am asking for some help. The diagram is the Photo section in the N9LO folder. It is not in the microphone yet. I am feeding it from a 5 volt regulator like the 5 volts coming into the Tip of the microphone plug. A 1khz 40mv signal is put in at the point where you would connect the positive lead of the electret microphone. The 1N5819 rectifier is my attempt to keep the audio from getting back to the 5 volt + tip. With the switch in the Uncompressed position I can read the input signal on my oscilloscope at test point 1, TP1 and at TP2 which is connected to the 5 volt + plug tip. With the switch in the Compressed position I can still read the signal from TP1 which is now connected the the

chip output though a voltage divide r but now I read nothing at TP2.

Lee - N9LO

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2019. Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-01 14:49:09 UTC
From: Dale Parfitt
Topic: 2016 Message: 2019

Hi Lee,
On the radio , the +5 is in series with a 3.3K resistor- which would have to be changed to take into account your current drain.

But if you are looking for audio to be impressed on the output of the 5VDC regulator (if I understand) it won't happen unless you have tons of audio. The output of a 78xx regulator is very very low Z- by design, it has to be that way in order to act as a stiff precision regulator. It likely looks like a short circuit to AC.

Dale W4OP
----- Original Message -----
From: Lee
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, November 01, 2013 10:31 AM
Subject: RE: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

The Tip is just a label of where it would connect to the plug if I was not using the 5 volts from a 7805 regulator connected to a 9 volt battery for testing. It is not in the microphone yet. When in the compression setting there is 5 volts on the line. Is the 5 volts coming out of the radio during transmit on the Tip line have a higher impedance?

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Friday, November 01, 2013 8:50 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

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Hi Lee,

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I guess I need more schematic as to what exists at that +5 VDC point.

Dale W4OP

----- Original Message -----

From: mr.olson@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Thursday, October 31, 2013 11:37 PM

Subject: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

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2020. A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-01 14:56:55 UTC
From: <razvanfatu@...>
Topic: 2020 Message: 2020

HF One MKII is a new HF portable QRP transceiver, packing SDR technology, that costs US$ 300. It is a bit larger than the X1M (about the size of the FT-817) and weights 1.2Kg, but in turn puts out 10W wich might be a good trade. Supports SSB and CW and apparently can be controlled via a smarthpone app.

More details :
http://yo9irf.blogspot.com/2013/11/hf-one-mkii-cheap-mobile-transceiver.html

2021. Re: [X1M_QRP-Transceiver] A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-01 16:03:11 UTC
From: bb cc
Topic: 2020 Message: 2021

When and where can we get it?.

On Friday, November 1, 2013 7:56 AM, "razvanfatu@..." <razvanfatu@...> wrote:

HF One MKII is a new HF portable QRP transceiver, packing SDR technology, that costs US$ 300. It is a bit larger than the X1M (about the size of the FT-817) and weights 1.2Kg, but in turn puts out 10W wich might be a good trade. Supports SSB and CW and apparently can be controlled via a smarthpone app.

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http://yo9irf.blogspot.com/2013/11/hf-one-mkii-cheap-mobile-transceiver.html

2022. Re: [X1M_QRP-Transceiver] A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-01 18:09:03 UTC
From: ken fest
Topic: 2020 Message: 2022

If I am reading it correctly, the site lists this item as a kit, not assembled.

On Fri, 11/1/13, razvanfatu@... <razvanfatu@...> wrote:

Subject: [X1M_QRP-Transceiver] A new US$300 HF portable transceiver
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, November 1, 2013, 10:56 AM

HF One MKII is a new HF portable QRP transceiver, packing
SDR technology, that costs US$ 300. It is a bit larger than
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Supports SSB and CW and apparently can be controlled via a
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More details :
http://yo9irf.blogspot.com/2013/11/hf-one-mkii-cheap-mobile-transceiver.html

2023. Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-01 18:10:17 UTC
From: ken fest
Topic: 2016 Message: 2023

Feed via a choke to save most of the audio from dying in the regulator?

On Fri, 11/1/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, November 1, 2013, 10:49 AM

☐

Hi Lee,
On the radio , the +5 is in
series with a 3.3K
resistor- which would have to be changed to take into
account your current
drain.

But if you are looking for
audio to be impressed on
the output of the 5VDC regulator (if I understand) it
won't happen unless you
have tons of audio. The output of a 78xx regulator is very
very low Z- by
design, it has to be that way in order to act as a
stiff precision
regulator. It likely looks like a short circuit to
AC.

Dale W4OP

----- Original Message -----

From:
Lee

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
November 01, 2013 10:31
AM
Subject: RE:
[X1M_QRP-Transceiver]
SSM2167 Help I'm stuck

The Tip is just
a label of where it would connect to the plug if I was not
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from a 7805 regulator connected to a 9 volt battery for testing. It is not in the microphone yet. When in the compression setting there is 5 volts on the line. Is the 5 volts coming out of the radio during transmit on the Tip line have a higher impedance?
Lee –
N9LO

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I guess I need more schematic as to what exists at that +5 VDC point.

Dale
W4OP

----- Original Message -----

From: mr.olson@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Thursday, October 31, 2013 11:37
PM

Subject: [X1M_QRP-Transceiver] SSM2167 Help
I'm
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microphone using external power I went back to one
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With the switch in
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test point 1, TP1 and at TP2 which is connected to the 5
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Database: 3615/6783 - Release Date:
10/26/13

2024. Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-01 18:35:27 UTC
From: r mason
Topic: 2016 Message: 2024

Lee, How about 2 or 3 diodes in series to drop the battery voltage down
to where you want, in place of the 7805?
Roger N4HSI

On 11/1/2013 10:31 AM, Lee wrote:
>
> The Tip is just a label of where it would connect to the plug if I was
> not using the 5 volts from a 7805 regulator connected to a 9 volt
> battery for testing. It is not in the microphone yet. When in the
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> coming out of the radio during transmit on the Tip line have a higher
> impedance?
>
> Lee – N9LO
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Dale Parfitt
> *Sent:* Friday, November 01, 2013 8:50 AM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck
>
> □
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> Hi Lee,
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> impedance point and would squash any audion on the line.
>
> I guess I need more schematic as to what exists at that +5 VDC point.
>
> Dale W4OP
>
> ----- Original Message -----
>
> *From:*mr.olson@... <mailto:mr.olson@...>
>
> *To:*X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>

> *Sent:*Thursday, October 31, 2013 11:37 PM
>
> *Subject:*[X1M_QRP-Transceiver] SSM2167 Help I'm stuck
>
> After getting a SSM2167 Speech Conditioner to work inline with the
> microphone using external power I went back to one inside the
> microphone with the LED disconnected. I'm having some problems
> and I am asking for some help. The diagram is the Photo section
> in the N9LO folder. It is not in the microphone yet. I am feeding
> it from a 5 volt regulator like the 5 volts coming into the Tip of
> the microphone plug. A 1khz 40mv signal is put in at the point
> where you would connect the positive lead of the electret
> microphone. The 1N5819 rectifier is my attempt to keep the audio
> from getting back to the 5 volt + tip. With the switch in the
> Uncompressed position I can read the input signal on my
> oscilloscope at test point 1, TP1 and at TP2 which is connected to
> the 5 volt + plug tip. With the switch in the Compressed
> position I can still read the signal from TP1 which is now
> connected the the chip output though a voltage divide r but now I
> read nothing at TP2.
>
> Lee - N9LO
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date:
> 10/26/13
>
>

2025. Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-01 18:43:07 UTC
From: Dale Parfitt
Topic: 2016 Message: 2025

If I understood Lee, the 7805 is only there temporarily- simulating the 5VDC that is on the tip of the X1M mic socket. But thX1M 5V has an equivalent 3.3K impedance where as the output of the 7805 (his test jig) has close to zero output impedance (0.017 Ohms at 1K). His goal is to eliminate the need for batteries in the mic. So the point is that the voltage that is multiplexed onto the mic line has to have a relatively high impedance when compared to the impedance of that mic line. Here we have 3.3KOhms vs. 0.017 Ohms.
Dale W4OP
----- Original Message -----
From: r mason
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, November 01, 2013 2:35 PM
Subject: Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

Lee, How about 2 or 3 diodes in series to drop the battery voltage down to where you want, in place of the 7805?
Roger N4HSI

On 11/1/2013 10:31 AM, Lee wrote:

The Tip is just a label of where it would connect to the plug if I was not using the 5 volts from a 7805 regulator connected to a 9 volt battery for testing. It is not in the microphone yet. When in the compression setting there is 5 volts on the line. Is the 5 volts coming out of the radio during transmit on the Tip line have a higher impedance?

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Friday, November 01, 2013 8:50 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

☐

Hi Lee,

The tip which is labled +5- that is coming from inside the radio?

When in compressed postion, what DC voltge do you read on the 5V line?

Do I understand you that currently, the +5VDC line is something like the output of a 7805 regulator?- if so, that is a very, very low impedance point and would squash any audion on the line.

I guess I need more schematic as to what exists at that +5 VDC point.

Dale W4OP

----- Original Message -----

From: mr.olson@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Thursday, October 31, 2013 11:37 PM

Subject: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

After getting a SSM2167 Speech Conditioner to work inline with the microphone using external power I went back to one inside the microphone with the LED disconnected. I'm having some problems and I am asking for some help. The diagram is the Photo section in the N9LO folder. It is not in the microphone yet. I am feeding it from a 5 volt regulator like the 5 volts coming into the Tip of the microphone plug. A 1khz 40mv signal is put in at the point where you would connect the positive lead of the electret microphone. The 1N5819 rectifier is my attempt to keep the audio from getting back to the 5 volt + tip. With the switch in the Uncompressed position I can read the input signal on my oscilloscope at test point 1, TP1 and at TP2 which is connected to the 5 volt + plug tip. With the switch in the Compressed position I can still read the signal from TP1 which is now connected the the chip output though a voltage divide r but now I read nothing at TP2.

Lee - N9LO

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

2026. RE: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-01 21:00:14 UTC
From: Lee
Topic: 2016 Message: 2026

Do any of you have any idea why the circuit works when the switch is in the uncompressed position and not the compressed position using TP1 and TP2 which was the original question? Shouldn't the regulator eat that signal too?

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Friday, November 01, 2013 1:43 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

□

If I understood Lee, the 7805 is only there temporarily- simulating the 5VDC that is on the tip of the X1M mic socket. But thX1M 5V has an equivalent 3.3K impedance where as the output of the 7805 (his test jig) has close to zero output impedance (0.017 Ohms at 1K). His goal is to eliminate the need for batteries in the mic. So the point is that the voltage that is multiplexed onto the mic line has to have a relatively high impedance when compared to the impedance of that mic line. Here we have 3.3KOhms vs. 0.017 Ohms.

Dale W4OP

----- Original Message -----

From: r mason <mailto:r-mason@...>

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday, November 01, 2013 2:35 PM

Subject: Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

Lee, How about 2 or 3 diodes in series to drop the battery voltage down to where you want, in place of the 7805?
Roger N4HSI

On 11/1/2013 10:31 AM, Lee wrote:

The Tip is just a label of where it would connect to the plug if I was not using the 5 volts from a 7805 regulator connected to a 9 volt battery for testing. It is not in the microphone yet. When in the compression setting there is 5 volts on the line. Is the 5 volts coming out of the radio during transmit on the Tip line have a higher impedance?

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Friday, November 01, 2013 8:50 AM

To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

☐

Hi Lee,

The tip which is labled +5- that is coming from inside the radio?

When in compressed postion, what DC voltge do you read on the 5V line?

Do I understand you that currently, the +5VDC line is something like the output of a 7805 regulator?- if so, that is a very, very low impedance point and would squash any audion on the line.

I guess I need more schematic as to what exists at that +5 VDC point.

Dale W4OP

----- Original Message -----

From: mr.olson@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Thursday, October 31, 2013 11:37 PM

Subject: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

After getting a SSM2167 Speech Conditioner to work inline with the microphone using external power I went back to one inside the microphone with the LED disconnected. I'm having some problems and I am asking for some help. The diagram is the Photo section in the N9LO folder. It is not in the microphone yet. I am feeding it from a 5 volt regulator like the 5 volts coming into the Tip of the microphone plug. A 1khz 40mv signal is put in at the point where you would connect the positive lead of the electret microphone. The 1N5819 rectifier is my attempt to keep the audio from getting back to the 5 volt + tip. With the switch in the Uncompressed position I can read the input signal on my oscilloscope at test point 1, TP1 and at TP2 which is connected to the 5 volt + plug tip. With the switch in the Compressed position I can still read the signal from TP1 which is now connected the the chip output though a voltage divide r but now I read nothing at TP2.

Lee - N9LO

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

2027. Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-01 21:07:01 UTC
From: Dale Parfitt
Topic: 2016 Message: 2027

I suspect that signal is a much lower impedance than the output of the compressor. Always difficult to troubleshoot over the internet though.

Dale W4OP
----- Original Message -----
From: Lee
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, November 01, 2013 5:00 PM
Subject: RE: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

Do any of you have any idea why the circuit works when the switch is in the uncompressed position and not the compressed position using TP1 and TP2 which was the original question? Shouldn’t the regulator eat that signal too?

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Friday, November 01, 2013 1:43 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

□

If I understood Lee, the 7805 is only there temporarily- simulating the 5VDC that is on the tip of the X1M mic socket. But thX1M 5V has an equivalent 3.3K impedance where as the output of the 7805 (his test jig) has close to zero output impedance (0.017 Ohms at 1K). His goal is to eliminate the need for batteries in the mic. So the point is that the voltage that is multiplexed onto the mic line has to have a relatively high impedance when compared to the impedance of that mic line. Here we have 3.3KOhms vs. 0.017 Ohms.

Dale W4OP

----- Original Message -----

From: r mason

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday, November 01, 2013 2:35 PM

Subject: Re: [X1M_QRP-Transceiver] SSM2167 Help I';m stuck

Lee, How about 2 or 3 diodes in series to drop the battery voltage down to where you want, in place of the 7805?
Roger N4HSI

On 11/1/2013 10:31 AM, Lee wrote:

The Tip is just a label of where it would connect to the plug if I was not using the 5 volts from a 7805 regulator connected to a 9 volt battery for testing. It is not in the microphone yet. When in the compression setting there is 5 volts on the line. Is the 5 volts coming out of the radio during transmit on the Tip line have a higher impedance?

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Friday, November 01, 2013 8:50 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

□

Hi Lee,

The tip which is labled +5- that is coming from inside the radio?

When in compressed postion, what DC voltge do you read on the 5V line?

Do I understand you that currently, the +5VDC line is something like the output of a 7805 regulator?- if so, that is a very, very low impedance point and would squash any audion on the line.

I guess I need more schematic as to what exists at that +5 VDC point.

Dale W4OP

----- Original Message -----

From: mr.olson@charter.net

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Thursday, October 31, 2013 11:37 PM

Subject: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

After getting a SSM2167 Speech Conditioner to work inline with the microphone using external power I went back to one inside the microphone with the LED disconnected. I'm having some problems and I am asking for some help. The diagram is the Photo section in the N9LO folder. It is not in the microphone yet. I am feeding it from a 5 volt regulator like the 5 volts coming into the Tip of the microphone plug. A 1khz 40mv signal is put in at the point where you would connect the positive lead of the electret microphone. The 1N5819 rectifier is my attempt to keep the audio from getting back to the 5 volt + tip. With the switch in the Uncompressed position I can read the input signal on my oscilloscope at test point 1, TP1 and at TP2 which is connected to the 5 volt + plug tip. With the switch in the Compressed position I can still read the signal from TP1 which is now connected the the chip output though a voltage divide r but now I read nothing at TP2.

Lee - N9LO

No virus found in this message.
Checked by AVG - www.avg.com

Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

2028. Re: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-01 21:38:26 UTC
From: Ian Coots
Topic: 2020 Message: 2028
Attachments: 1 described; binary payloads are missing from this source WARC

Am I missing something here?

How come an HF-ONE-MKII is being discussed on group set up for X1M owners/users?

Regards,

Ian VK3YIC

ausflag

2029. X1M AGC Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-01 21:53:28 UTC
From: Dale Parfitt
Topic: 2029 Message: 2029
Attachments: 1 described; binary payloads are missing from this source WARC

The latest revision to the manual is now in the Files section. I am including a 1M and a 10M resistor for R4- with explaination in the manual.

I have managed to cut up 600 or so SMD components and have a small assembly line going- so hopefully, everyone gets a full kit.
The padded envelopes are here and I shipped the first 7 kits today. That may not seem like much but I had to fill out customs form for 4 of them. The best news is that the P.O. is willing to ship them w/o custms forms- this will be a huge savings in time- both filling them out and time at the P.O.
I will try to ship 20 more kits on Monday.

Dale W4OP

----- Original Message -----
From: Ian Coots
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, November 01, 2013 5:38 PM
Subject: [X1M_QRP-Transceiver] Re: A new US$300 HF portable transceiver

Am I missing something here?

How come an HF-ONE-MKII is being discussed on group set up for X1M owners/users?

Regards,

Ian VK3YIC

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

2030. Re: [X1M_QRP-Transceiver] X1M AGC Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-01 22:53:45 UTC
From: Charlie , W5COV
Topic: 2029 Message: 2030
Attachments: 1 described; binary payloads are missing from this source WARC

THANK YOU DALE , for all you are doing and have done for all of us .

I will put in a plug for Dale's own company
http://www.parelectronics.com <http://www.parelectronics.com/index.php>

He has sacrificed time away from his own company to provide this kit and
it certainly is a not for profit endeavor .

If you choose to order from him , you should also include a HUGE thank
you for what he has done for ALL of us on the X1M overall . Most of you
have no idea how much work , behind the scenes , that he has done to
make owning an X1M a true pleasure .

Charlie , W5COV

On 11/1/2013 4:53 PM, Dale Parfitt wrote:
>
> The latest revision to the manual is now in the Files section. I am
> including a 1M and a 10M resistor for R4- with explaination in the
> manual.
> I have managed to cut up 600 or so SMD components and have a small
> assembly line going- so hopefully, everyone gets a full kit.
> The padded envelopes are here and I shipped the first 7 kits today.
> That may not seem like much but I had to fill out customs form for 4
> of them. The best news is that the P.O. is willing to ship them w/o
> custms forms- this will be a huge savings in time- both filling them
> out and time at the P.O.
> I will try to ship 20 more kits on Monday.
> Dale W4OP
>
> ----- Original Message -----
> *From:* Ian Coots <mailto:ianrob@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Friday, November 01, 2013 5:38 PM
> *Subject:* [X1M_QRP-Transceiver] Re: A new US$300 HF portable
> transceiver
>
> Am I missing something here?
>
> How come an HF-ONE-MKII is being discussed on group set up for
> X1M owners/users?
>
> //
>

> Regards,
>
> Ian VK3YIC
>
> ausflag
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date:
> 10/26/13
>
>

2031. RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-02 04:11:42 UTC
From: <orders@...>
Topic: 1193 Message: 2031

Success #2!!!! I've got my prototype compression circuit working tonight! Lee -- thanks for your diagram -- I didn't realize I needed to bias the microphone -- although I had wondered how the voltage was going to get there. Turns out my suspicion was correct -- and your diagram told me the answer to my questions! So thanks for that! The other piece I needed to change was the 3v cell button battery out for a 5vc supply with more amperage available.

So at this point I'm getting output and I'll start working on tuning the core feature set and then work on improving it etc. And this rig is still tickling me pink! Giving me reasons to learn :)

-Chris

---In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Well I'm tired... rereading your schematic I had it right the first time. I'll rewire it and see what I can see. But that will be tomorrow..... Oy!

---In x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> wrote:

You could try peaking at my settings but you may find better settings that you could share with us.
Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, October 28, 2013 10:19 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

That's great Lee! And good eyes Charlie and Dale re: powering from the radio. I'm working on mine with a battery tonight so I'll peak at yours after I give mine it's first run. HA! Glad to hear the punch seems to be really helping the x1m. :)

-Chris

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <lphebus@... mailto:lphebus@...> wrote:
Thanks Dale, I see that resistor R48C is limiting the current to the mic. I've got the battery-powered one nearly completed. Once done, I'll take a look at lowering that resistor value and building one powered by the X1M. It should easily fit into the X1M stock mic case. My experience so far suggests that a little compression really adds to the average signal power and readability.

Lee

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:

☐
Hi Lee,

Measure exactly what your current drain is and change out the resistor that is in series with the 9T voltage that is impressed on the mic socket.

As Charlie pointed out, it is currently 3.3K at least on the schematic.

Dale W4OP

To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, October 28, 2013 5:13 PM

Subject: RE: Re: [X1M_QRP-Transceiver] RE: RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Thanks!!! I'll take a look!

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:
Lee , have you looked at I believe it is R48C in the radio , a 3.3K resistor and paralleling another 3.3K perhaps right on top of it to power your microphone ?

Dale and I were discussing it and he is much quicker with math and the diagrams and he came up with that idea to maybe do away with the batteries .

Charlie , W5COV

On 10/28/2013 3:54 PM, lphebus@... mailto:lphebus@... wrote:

I have posted an improved microphone with compression circuit in the photos section, "compression circuit" album. The advantage over the original design is that the compression chip is only active (~3mA current draw) when the mic is keyed. When the mic is not keyed, the chip goes into shutdown mode drawing <2 micro-Amps. My design is a battery-powered (2X AAA) replacement microphone, not a modification of the existing mic or X1M. The circuit mod should greatly extend battery life and allows elimination of the on/off switch.

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> mailto:x1m_qrp-transceiver@yahoogroups.com wrote:
I've bread boarded and tested an audio compressor circuit. Pictures are in the "Photos" section. Compression is adjustable from 1:1 to 6.25:1 which seems like plenty to me. It really helps the audio "punch" of the X1M. My plan is to put the circuit in the microphone case with a couple AAA batteries for power. I thought I would use a design like this http://www.qrpkits.com/microphone.html http://www.qrpkits.com/microphone.html . I tried to power it from the +5 volts the socket provides for the electret microphone, but the compressor current draw, although small (<3mA), loaded the 5V down to about 1.7 V. I am surprised by this. The AAA batteries should last a long time however. There are two potentiometers (blue) in the bread boarded circuit. The left is the compression level (Rcomp) and the right is the attenuator adjustment. The output of the compressor chip is a bit too high to feed directly into the X1M.

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <cvest@...> mailto:cvest@... wrote:
LOL Maybe that is why I am an old bachelor . My two dogs don't seem to complain at all and I am a true night person so I am not normally even on the net this early in the morning .

I work DX , various digital modes , the part 15 bands , and I am working on a new part 5 license , where the bands are night time bands , plus I have always enjoyed the peace and quiet of the wee morning hours .

If the bands aren't open I ALWAYS have at least one project on the bench that I am building and usually several at the same time .

However since I went to computer logging , I have gone back to using headsets , so my hands are pretty much free to type when I am on phone . One day I may need to add VOX to the X1M . Right now I have a momentary push button in a film can type plastic container to activate the PTT , until I decide what I want to put in a mic interface box for this little gem or see if I can possibly work with smaller SMT devices and squeeze something inside of it. I can go smaller but 1206 are the smallest I am really at ease with and they are fast disappearing from the market .

Charlie , W5COV

On 9/22/2013 10:36 AM, M_AND_R_SHAREF wrote:

I use to do all my operating late at night. CW and head phones are the way to go if you want to stay married. HI 73
On Sat, Sep 21, 2013 at 12:47 AM, Charlie , W5COV <cvest@... mailto:cvest@...> wrote:

Any new or updated information on how this project is coming along ?

Inquiring minds want to know :)

Charlie , W5COV

On 9/4/2013 12:49 PM, orders@... mailto:orders@... wrote:

I bit the bullet and ordered a ssm2167 on a breakout board from them. I decided against soiling my playing with bad soldering fruseration for the moment and instead will forgo the extra coffee one day. I'm thinking and inline version would be the most useful to start out -- plug the mic into the inline box and then have a tail from the board into the rig. There isn't any room in the rig to stick it easily and putting it directly into the mic would limit it to one circuit per mic... also not flexible. The other option is a larger block in the middle of the mic cable but that seems the wrong way.

Anyone have any thoughts on a performed form factor for it?
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <orders@...> mailto:orders@... wrote:
BTW digikey part number for the SSM2167 is SSM2167-1RMZ-REELCT-ND
http://www.digikey.com/product-detail/en/SSM2167-1RMZ-REEL/SSM2167-1RMZ-REELCT-ND/1628139

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> mailto:mr.olson@... wrote:
Oops, my mistake.Â I bought mine from a different seller 190593669424Â Must be old timers

disease kicking in again.

Lee â€“ N9LO

From: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Bill Maxwell
Sent: Tuesday, September 03, 2013 12:19 AM
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Didn't see the chips in that seller's store, Lee. Can you give us the item number for them, please.

Bill, VK7MX
On 3/09/2013 4:14 AM, Lee wrote:

I ordered 2 of the chips on eBay, just in case I kill one, and some chip adapter boards from the same seller. Put item number 181138215223 in the search box to see then.

From: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, September 02, 2013 11:54 AM
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

The more and more I look at this the more and more I want to play with little chip but it is in a tiny tiny MSOP package. And my soldering skills/hand steadiness is NO WHERE near close enough to jump right in. Anyone have a great easy way to put an MSOP chip onto a breadboard or anything like that? I've seen some 'easy' convertors for SMD chips but none for MSOP -- and I guess I haven't looked to see if they would work. Anyway -- if anyone has any great suggestions I'd appreciate it!

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <orders@... mailto:orders@...> wrote:
Thank Ken! Yup I'm thinking with 5 w I'm going to want the most talk power for the punch of my voice. Although I haven't done the math to see the difference between 0.5w and 5w. if my db brain remembers it probably isn't that much ! much like the difference between 5w and 100w ;) But I suspect it is bigger if I compare 0.5 w to 100w ;) And the goal is to get it as compressed and gained right to point before degrading! And we will see where that lands me! And to top that off the neighbor in the new apartment is really sensitive to me talking at night -- she has come twice at 1am to ask me to keep it down while conversing with a friend at lower than normal voices already. So the more punch I can get out of the mic at lower levels the more I can work in the nighhhhhhht!

And thanks for the thumbs up I'm loving the trip!
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <krtdowns@... mailto:krtdowns@...> wrote:
Great attitude, Chris! I'm not familiar with that IC, but it sounds as though it has the functions you are seeking. Reasonable compression will add substantially to your "talk power." Like most things, it can be overdone and degrade your signal. Sounds as though you are tackling the learning opportunities this little rig offers with zest and enthusiasm. Have fun and enjoy the trip!
Ken, W1KRT

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <orders@... mailto:orders@...> wrote:
Man oh Man! Am I loving this little rig! Not because it is perfect and a great value out of the box but for the exact reason I bit the bullet and bought it before it was all polished: Great learning rig! Every time some limit or question is hit I have a reason to go digging and exploring around in the bits that make radios tick. I'll be happy to get my fully functioning rig to actual work on the air but this is a little gem in my eyes for crackin' open the door to learning about radios!

Anyway, my newest exploration is around the audio and SSB and this little fellar. From what Ed has walked me through I'm beating down the path that the radio WILL transmit 5w PEP on SSB .. the mic, gain, compression, preamp, etc are the limiting factor to making this usable out of the box. I'm currently playing down the path that the gain adjustment in the rig will be sufficient if I can compress the audio so more of it is towards the 5W 'section'. During my dive into this sort of theory I can across this little gem of a chip: http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html

Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

I've got plenty more to do to see if this theory will be valid in the x1m and how it all fits together but I'm loving this rig just for giving me framework to explore and ask about this things. Before this little fella and my trying to test if the SSB output was 'good' and if I needed to send it back everything was just words and now its all tying together. Having a ball!

Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

-Chris
KC8MUS

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

2032. RE: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-02 14:13:39 UTC
From: Lee
Topic: 2016 Message: 2032

Thanks with the help with this, Dale. The test circuit works with 3 AA batteries and even with a 3.3k in series feeding it. I had no idea a voltage regulator could do this to audio. The compressed- uncompressed question I'm going to call, "The mysteries of the electron".

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Friday, November 01, 2013 4:07 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

☐

I suspect that signal is a much lower impedance than the output of the compressor. Always difficult to troubleshoot over the internet though.

Dale W4OP

----- Original Message -----

From: Lee <mailto:mr.olson@...>

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday, November 01, 2013 5:00 PM

Subject: RE: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

Do any of you have any idea why the circuit works when the switch is in the uncompressed position and not the compressed position using TP1 and TP2 which was the original question? Shouldn't the regulator eat that signal too?

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Friday, November 01, 2013 1:43 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

☐

If I understood Lee, the 7805 is only there temporarily- simulating the 5VDC that is on the tip of the X1M mic socket. But thX1M 5V has an equivalent 3.3K impedance where as the output of the 7805 (his test jig) has close to zero output impedance (0.017 Ohms at 1K). His goal is to eliminate the need for batteries in the mic. So the point is that the voltage that is multiplexed onto the mic line has to have a relatively high impedance when

compared to the impedance of that mic line. Here we have 3.3KOhms vs. 0.017 Ohms.

Dale W4OP

----- Original Message -----

From: r mason <mailto:r-mason@...>

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday, November 01, 2013 2:35 PM

Subject: Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

Lee, How about 2 or 3 diodes in series to drop the battery voltage down to where you want, in place of the 7805?
Roger N4HSI

On 11/1/2013 10:31 AM, Lee wrote:

The Tip is just a label of where it would connect to the plug if I was not using the 5 volts from a 7805 regulator connected to a 9 volt battery for testing. It is not in the microphone yet. When in the compression setting there is 5 volts on the line. Is the 5 volts coming out of the radio during transmit on the Tip line have a higher impedance?

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Friday, November 01, 2013 8:50 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

☐

Hi Lee,

The tip which is labled +5- that is coming from inside the radio?

When in compressed postion, what DC voltge do you read on the 5V line?

Do I understand you that currently, the +5VDC line is something like the output of a 7805 regulator?- if so, that is a very, very low impedance point and would squash any audion on the line.

I guess I need more schematic as to what exists at that +5 VDC point.

Dale W4OP

----- Original Message -----

From: mr.olson@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Thursday, October 31, 2013 11:37 PM

Subject: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

After getting a SSM2167 Speech Conditioner to work inline with the microphone using external power I went back to one inside the microphone with the LED disconnected. I'm having some problems and I am asking for some help. The diagram is the Photo section in the N9LO folder. It is not in the microphone yet. I am feeding it from a 5 volt regulator like the 5 volts coming into the Tip of the microphone plug. A 1khz 40mv signal is put in at the point where you would connect the positive lead of the electret microphone. The 1N5819 rectifier is my attempt to keep the audio from getting back to the 5 volt + tip. With the switch in the Uncompressed position I can read the input signal on my oscilloscope at test point 1, TP1 and at TP2 which is connected to the 5 volt + plug tip. With the switch in the Compressed position I can still read the signal from TP1 which is now connected the the chip output though a voltage divide r but now I read nothing at TP2.

Lee - N9LO

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

2033. Audio compressor (ssm2167 on a breakout board)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-02 14:26:32 UTC
From: <fpohlmann2@...>
Topic: 2033 Message: 2033

Hi everybody!

Just received my ssm2167 and the adapter PCB board converter
from ebay but didn't know they were way too small for my eyes.
There is no way I can solder it and I'm only 45.
Maybe I don't have the right tools to do it.
Where did you buy this little iC already soldered on breakout board?

Thank you

73

Flavio VE2ZFP

2034. Re: [X1M_QRP-Transceiver] Re: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-02 15:58:33 UTC
From: M_AND_R_SHAREF
Topic: 2020 Message: 2034
Attachments: 1 described; binary payloads are missing from this source WARC

Just for comparisons. 73

On Fri, Nov 1, 2013 at 5:38 PM, Ian Coots <ianrob@...> wrote:

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> Am I missing something here?
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> How come an HF-ONE-MKII is being discussed on group set up for X1M
> owners/users?
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> Regards,
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> Ian VK3YIC
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> [image: ausflag]
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2035. Re: [X1M_QRP-Transceiver] Re: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-02 17:24:22 UTC
From: Droid Power
Topic: 2020 Message: 2035
Attachments: 1 described; binary payloads are missing from this source WARC

is there a yahoo group for this other one?

On Sat, Nov 2, 2013 at 8:58 AM, M_AND_R_SHAREF <msharef@...> wrote:

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> Just for comparisons. 73
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> On Fri, Nov 1, 2013 at 5:38 PM, Ian Coots <ianrob@...> wrote:
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>> Am I missing something here?
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>> How come an HF-ONE-MKII is being discussed on group set up for X1M
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>> Regards,
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>> Ian VK3YIC
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>> [image: ausflag]
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2036. RE: [X1M_QRP-Transceiver] Audio compressor (ssm2167 on a breakout board)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-02 18:34:16 UTC
From: Lee
Topic: 2033 Message: 2036

You can have these guy’s order the part from digikey and solder it on a board for you.

http://www.proto-advantage.com/store/product_info.php?products_id=2200031

I’m 59 and here is how I soldered mine. Tape the board down by the edges so it cannot move. Put soldering flux on the board. Hold the IC with a fine needle nose pliers or tweezers and line up the IC so pin 1 is in the right place. With a little solder on your soldering iron tip just touch the tip to pin 1. Check alignment, I use a magnifying glass, and if it is off twist it with very little pressure and reheat pin 1. Now solder pins 6-10 with too much solder so all the pins are covered and when cool do the same with pins 1-5. With de-soldering braid remove the excess from each sets of pins letting the IC cool between de-soldering the other side. Inspect with a magnifying glass and look from a low angel from the pin ends. If you see any solder where it does not belong use a fresh spot on your de-soldering braid. This will leave enough solder between the pin and the board pad to conduct. Clean the board with alcohol and a toothbrush. Check with an ohmmeter from hole to hole around the board for shorted pins like 1-2, 2-3, 3-4, 4-5, 6-7, 7-8, 8-9, 9-10. Next check from board hole 1 to pin one on the IC for continuity and continue around the board.

I uploaded a picture I took with my USB Microscope of one after soldering this way to my N9LO Photo Album. Click on it for a full view.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of fpohlmann2@....br
Sent: Saturday, November 02, 2013 9:27 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Audio compressor (ssm2167 on a breakout board)

Hi everybody!

Just received my ssm2167 and the adapter PCB board converter
from ebay but didn't know they were way too small for my eyes.
There is no way I can solder it and I'm only 45.
Maybe I don't have the right tools to do it.
Where did you buy this little iC already soldered on breakout board?

Thank you

73

Flavio VE2ZFP

2037. Re: [X1M_QRP-Transceiver] Audio compressor (ssm2167 on a breakout board)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-02 19:07:27 UTC
From: Charlie , W5COV
Topic: 2033 Message: 2037

Lee , thanks for the great tips . I can not do much SMD work I try to get 1210 or 1206 sized parts . I have tremors in my hands much like early Pakinsons , but a little different medical issue . Could you expand on your microscope a bit , since I also have vision issues , all related to some health issues .

I have used the solder wick method successfully in the past . It works as well as anything for me , but I still can't do visual confirmation even when I do get an occasional good day to do SMD work .

Many thanks to you Lee / 7 and the others that have worked on this project .I always enjoy seeing new great little modifications and accessories for this fun rig .

Hopefully once we get the final firmware update and I get my AGC and compressor both installed , I too will be able to contribute some fun projects . I keep a "bench" filter box for all of the different projects that I design and or build , so I am able to put out a nice clean signal on any of the ham bands or experimental frequencies that I operate on . I also have a small "bench" tuner that covers even below 160 meters . Going to try and make some matching accessories for the X1M in one of those matching extruded cases . Will combine as many accessories as possible into a single matching cabinet .

I know of another group member that is working on a nice compact , but very clean output switching power supply . Can't wait to see his results . He is 60 , as I also am :) We "old" guys are having a lot of fun with this rig .

Charlie , W5COV

On 11/2/2013 1:34 PM, Lee wrote:
>
> You can have these guy’s order the part from digikey and solder it on
> a board for you.
>
> http://www.proto-advantage.com/store/product_info.php?products_id=2200031
>
> I’m 59 and here is how I soldered mine. Tape the board down by the
> edges so it cannot move. Put soldering flux on the board. Hold the
> IC with a fine needle nose pliers or tweezers and line up the IC so
> pin 1 is in the right place. With a little solder on your soldering
> iron tip just touch the tip to pin 1. Check alignment, I use a
> magnifying glass, and if it is off twist it with very little pressure
> and reheat pin 1. Now solder pins 6-10 with too much solder so all the

> pins are covered and when cool do the same with pins 1-5. With
> de-soldering braid remove the excess from each sets of pins letting
> the IC cool between de-soldering the other side. Inspect with a
> magnifying glass and look from a low angel from the pin ends. If you
> see any solder where it does not belong use a fresh spot on your
> de-soldering braid. This will leave enough solder between the pin
> and the board pad to conduct. Clean the board with alcohol and a
> toothbrush. Check with an ohmmeter from hole to hole around the board
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> I uploaded a picture I took with my USB Microscope of one after
> soldering this way to my N9LO Photo Album. Click on it for a full view.
>
> Lee – N9LO
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of
> *fpohlmann2@...
> *Sent:* Saturday, November 02, 2013 9:27 AM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] Audio compressor (ssm2167 on a
> breakout board)
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> Hi everybody!
>
> Just received my ssm2167 and the adapter PCB board converter
> from ebay but didn't know they were way too small for my eyes.
> There is no way I can solder it and I'm only 45.
> Maybe I don't have the right tools to do it.
> Where did you buy this little iC already soldered on breakout board?
>
>
> Thank you
>
> 73
>
> Flavio VE2ZFP
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>
>

2038. RE: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-02 19:10:04 UTC
From: <razvanfatu@...>
Topic: 2020 Message: 2038

Selling as a kit is what some small manufacturers do to avoid getting the required certifications for a working finished product. You actually need to install the boards in the case and plug in a few connectors, maybe solder a few wires, pretty much the same thing as with the X1M in kit form.

There was no group for the HF One MKII so I just started one; I will get it going soon, feel free to join it to get the latest news:

http://groups.yahoo.com/neo/groups/HFOneMKII http://groups.yahoo.com/neo/groups/HFOneMKII

---In x1m_qrp-transceiver@yahoogroups.com, <disklog@...> wrote:

If I am reading it correctly, the site lists this item as a kit, not assembled.

On Fri, 11/1/13, razvanfatu@... mailto:razvanfatu@... <razvanfatu@...
mailto:razvanfatu@...> wrote:

Subject: [X1M_QRP-Transceiver] A new US$300 HF portable transceiver
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, November 1, 2013, 10:56 AM

HF One MKII is a new HF portable QRP transceiver, packing
SDR technology, that costs US$ 300. It is a bit larger than
the X1M (about the size of the FT-817) and weights 1.2Kg,
but in turn puts out 10W wich might be a good trade.
Supports SSB and CW and apparently can be controlled via a
smarthpone app.
More details :
http://yo9irf.blogspot.com/2013/11/hf-one-mkii-cheap-mobile-transceiver.html
http://yo9irf.blogspot.com/2013/11/hf-one-mkii-cheap-mobile-transceiver.html

2039. Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-02 19:29:00 UTC
From: Steinar Aanesland
Topic: 2020 Message: 2039

"404 page not found"

LA5VNA S

On 02.11.2013 20:10, razvanfatu@... wrote:
> Selling as a kit is what some small manufacturers do to avoid getting the required certifications for a working finished product. You actually need to install the boards in the case and plug in a few connectors, maybe solder a few wires, pretty much the same thing as with the X1M in kit form.
>
>
> There was no group for the HF One MKII so I just started one; I will get it going soon, feel free to join it to get the latest news:
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>
> http://groups.yahoo.com/neo/groups/HFOneMKII
http://groups.yahoo.com/neo/groups/HFOneMKII
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> ---In x1m_qrp-transceiver@yahoogroups.com, <disklog@...> wrote:
>
> If I am reading it correctly, the site lists this item as a kit, not assembled.
> ---
> On Fri, 11/1/13, razvanfatu@... mailto:razvanfatu@... <razvanfatu@...
mailto:razvanfatu@...> wrote:
>
> Subject: [X1M_QRP-Transceiver] A new US$300 HF portable transceiver
> To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
> Date: Friday, November 1, 2013, 10:56 AM
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> but in turn puts out 10W wich might be a good trade.
> Supports SSB and CW and apparently can be controlled via a
> smarthpone app.
> More details :
> http://yo9irf.blogspot.com/2013/11/hf-one-mkii-cheap-mobile-transceiver.html
http://yo9irf.blogspot.com/2013/11/hf-one-mkii-cheap-mobile-transceiver.html
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2040. Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-02 19:51:49 UTC
From: Droid Power
Topic: 2020 Message: 2040

is this really the mk2 though, i thought that wasnt out yet

On Sat, Nov 2, 2013 at 12:29 PM, Steinar Aanesland <saanes@...>wrote:

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> "404 page not found"
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> LA5VNA S
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> On 02.11.2013 20:10, razvanfatu@gmail.com wrote:
> > Selling as a kit is what some small manufacturers do to avoid getting
> the required certifications for a working finished product. You actually
> need to install the boards in the case and plug in a few connectors, maybe
> solder a few wires, pretty much the same thing as with the X1M in kit form.
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> > There was no group for the HF One MKII so I just started one; I will get
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> > ---In x1m_qrp-transceiver@yahoogroups.com, <disklog@...> wrote:
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> mailto:razvanfatu@...> wrote:
> >
> > Subject: [X1M_QRP-Transceiver] A new US$300 HF portable transceiver
> > To: X1M_QRP-Transceiver@yahoogroups.com mailto:
> X1M_QRP-Transceiver@yahoogroups.com
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> > Date: Friday, November 1, 2013, 10:56 AM
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2041. RE: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-02 20:07:43 UTC
From: Fred VE3FAL
Topic: 2020 Message: 2041

And from what I gather it is a Juma (copy of one) and not an original product at all..the boards that is, the cases if you look at a Yuma are much different.

My contact who is China as I write this has also stated the same thing on this one.

And the other blogs say the same about it, but the price is almost half what Juma costs.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of razvanfatu@...
Sent: November 2, 2013 3:10 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

Selling as a kit is what some small manufacturers do to avoid getting the required certifications for a working finished product. You actually need to install the boards in the case and plug in a few connectors, maybe solder a few wires, pretty much the same thing as with the X1M in kit form.

There was no group for the HF One MKII so I just started one; I will get it going soon, feel free to join it to get the latest news:

http://groups.yahoo.com/neo/groups/HFOneMKII

---In x1m_qrp-transceiver@yahoogroups.com, <disklog@...> wrote:

If I am reading it correctly, the site lists this item as a kit, not assembled.

On Fri, 11/1/13, razvanfatu@... <razvanfatu@...> wrote:

Subject: [X1M_QRP-Transceiver] A new US$300 HF portable transceiver
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, November 1, 2013, 10:56 AM

HF One MKII is a new HF portable QRP transceiver, packing
SDR technology, that costs US$ 300. It is a bit larger than
the X1M (about the size of the FT-817) and weights 1.2Kg,
but in turn puts out 10W wich might be a good trade.
Supports SSB and CW and apparently can be controlled via a
smarthpone app.
More details :
http://yo9irf.blogspot.com/2013/11/hf-one-mkii-cheap-mobile-transceiver.html

2042. Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-02 20:09:10 UTC
From: Droid Power
Topic: 2020 Message: 2042

can we mod the case to make it light like the X1M that is the only raeson i
havent jumped on a 10 watt cheap radio

On Sat, Nov 2, 2013 at 1:07 PM, Fred VE3FAL <flesnick@...> wrote:

>
>
> And from what I gather it is a Juma (copy of one) and not an original
> product at all..the boards that is, the cases if you look at a Yuma are
> much different.
>
> My contact who is China as I write this has also stated the same thing on
> this one.
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> And the other blogs say the same about it, but the price is almost half
> what Juma costs.
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> Fred
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> VE3FAL
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> *From:* X1M_QRP-Transceiver@yahoogroups.com [mailto:
> X1M_QRP-Transceiver@...m] *On Behalf Of *razvanfatu@...
> *Sent:* November 2, 2013 3:10 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver
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> To: X1M_QRP-Transceiver@yahoogroups.com
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> More details :
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> http://yo9irf.blogspot.com/2013/11/hf-one-mkii-cheap-mobile-transceiver.html
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2043. RE: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-02 20:11:47 UTC
From: Fred VE3FAL
Topic: 2020 Message: 2043

This is not the X1M MkII this is another radio by another developer in China...

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Droid Power
Sent: November 2, 2013 3:52 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

is this really the mk2 though, i thought that wasnt out yet

On Sat, Nov 2, 2013 at 12:29 PM, Steinar Aanesland <saanes@...>
wrote:

"404 page not found"

LA5VNA S

On 02.11.2013 20:10, razvanfatu@... wrote:
> Selling as a kit is what some small manufacturers do to avoid getting the required certifications for a working finished product. You actually need to install the boards in the case and plug in a few connectors, maybe solder a few wires, pretty much the same thing as with the X1M in kit form.
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2044. RE: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-02 20:18:04 UTC
From: Fred VE3FAL
Topic: 2020 Message: 2044

http://www.jumaradio.com/shop/index.php?act=viewProd
<http://www.jumaradio.com/shop/index.php?act=viewProd&productId=6>
&productId=6

Juma display picture...

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Fred VE3FAL
Sent: November 2, 2013 4:12 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

This is not the X1M MkII this is another radio by another developer in
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VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Droid Power
Sent: November 2, 2013 3:52 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

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2045. Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-02 20:22:02 UTC
From: Droid Power
Topic: 2020 Message: 2045

thats huge though and for 10 watts and for that price? i could get a used 100watt yeasu. That 300 dollar pice is attractive for the clone but i worry about the size

On Sat, Nov 2, 2013 at 1:18 PM, Fred VE3FAL <flesnick@tbaytel.net> wrote:

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> http://www.jumaradio.com/shop/index.php?act=viewProd&productId=6
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> Juma display picture…..
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> Fred
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> VE3FAL
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> *Sent:* November 2, 2013 4:12 PM
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> *Subject:* RE: [X1M_QRP-Transceiver] RE: A new US$300 HF portable
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> VE3FAL
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> mailto:X1M_QRP-Transceiver@yahoogroups.com<X1M_QRP-Transceiver@yahoogroups.com>]
> *On Behalf Of *Droid Power
> *Sent:* November 2, 2013 3:52 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable
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2046. RE: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-03 12:05:10 UTC
From: <pezcat19@...>
Topic: 2020 Message: 2046

I want one.

This would be ideal for my 4x4 application - a cheap, rugged and basic HF radio for that price would work very well for me. SDR out is great, too.

$300 is cheap here in VK land. You can not easily (or at all) find a secondhand, modern 'icom / Yaesu / Kenwood' mobile for that money here (in the USA this may be different...)

I will join the new Yahoo group. Thanks for sharing the info on this new rig.

Cheers,

Perrin VK3XPT

---In x1m_qrp-transceiver@yahoogroups.com, <droidgsm2013@...> wrote:

thats huge though and for 10 watts and for that price? i could get a used 100watt yeasu. That 300 dollar pice is attractive for the clone but i worry about the size

On Sat, Nov 2, 2013 at 1:18 PM, Fred VE3FAL <flesnick@... mailto:flesnick@...> wrote:
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Juma display picture…..

Fred
VE3FAL

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Sent: November 2, 2013 4:12 PM
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

This is not the X1M MkII this is another radio by another developer in China…..

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From: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Droid Power
Sent: November 2, 2013 3:52 PM
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is this really the mk2 though, i thought that wasnt out yet

On Sat, Nov 2, 2013 at 12:29 PM, Steinar Aanesland <saanes@... mailto:saanes@...> wrote:

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2047. Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-03 12:44:16 UTC
From: Ken Downs
Topic: 2020 Message: 2047

We'll have to wait and see how it performs. I am most curious whether it covers the "contest-free" bands - 60, 30, 17, and 12 meters, which I prefer, without additional filtering. That's probably my biggest disappointment with the X1M. And for portable/mobile use I'd prefer a good internal antenna tuner to any SDR capabilities. Guess I'm an old fuddy-dud. I don't take a computer (or even a cell-phone) with me everywhere I go.
Ken, W1KRT

On Nov 3, 2013, at 7:05 AM, <pezcat19@...> wrote:

I want one.

This would be ideal for my 4x4 application - a cheap, rugged and basic HF radio for that price would work very well for me. SDR out is great, too.

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2048. Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-03 12:56:41 UTC
From: Buddy Brannan
Topic: 2020 Message: 2048

I eventually got to the page from this address:

http://groups.yahoo.com/groups/HFOneMKII
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On Nov 3, 2013, at 7:05 AM, <pezcat19@...> <pezcat19@...> wrote:

> http://groups.yahoo.com/neo/groups/HFOneMKII
http://groups.yahoo.com/neo/groups/HFOneMKII

2049. Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-03 12:58:21 UTC
From: Buddy Brannan
Topic: 2020 Message: 2049

I suspect that an auto tuner would increase the price of the rig significantly. Although, I agree, it would be useful to have one.
--
Buddy Brannan, KB5ELV - Erie, PA
Phone: (814) 860-3194 or 888-75-BUDDY

On Nov 3, 2013, at 7:44 AM, Ken Downs <krtdowns@...> wrote:

> We'll have to wait and see how it performs. I am most curious whether it covers the "contest-free" bands - 60, 30, 17, and 12 meters, which I prefer, without additional filtering. That's probably my biggest disappointment with the X1M. And for portable/mobile use I'd prefer a good internal antenna tuner to any SDR capabilities. Guess I'm an old fuddy-dud. I don't take a computer (or even a cell-phone) with me everywhere I go.
>
> Ken, W1KRT
>
> On Nov 3, 2013, at 7:05 AM, <pezcat19@...> wrote:
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>
> I want one.
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> This would be ideal for my 4x4 application - a cheap, rugged and basic HF radio for that price would work very well for me. SDR out is great, too.
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> $300 is cheap here in VK land. You can not easily (or at all) find a secondhand, modern 'icom / Yaesu / Kenwood' mobile for that money here (in the USA this may be different...)
>
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> I will join the new Yahoo group. Thanks for sharing the info on this new rig.
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> Cheers,
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>
> Perrin VK3XPT
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>
> ---In x1m_qrp-transceiver@yahoogroups.com, <droidgsm2013@...> wrote:
>
> thats huge though and for 10 watts and for that price? i could get a used 100watt yeasu. That 300 dollar pice is attractive for the clone but i worry about the size
>
>
> On Sat, Nov 2, 2013 at 1:18 PM, Fred VE3FAL <flesnick@...> wrote:
>
> http://www.jumaradio.com/shop/index.php?act=viewProd&productId=6
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> Juma display picture…..
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> Fred
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> VE3FAL
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> From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Fred VE3FAL
> Sent: November 2, 2013 4:12 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: RE: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver
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> This is not the X1M MkII this is another radio by another developer in China…..
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> Fred
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> VE3FAL
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> From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com]

On Behalf Of Droid Power
> Sent: November 2, 2013 3:52 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver
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> is this really the mk2 though, i thought that wasnt out yet
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> On Sat, Nov 2, 2013 at 12:29 PM, Steinar Aanesland <saanes@...> wrote:
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> "404 page not found"
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> LA5VNA S
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> On 02.11.2013 20:10, razvanfatu@... wrote:
> > Selling as a kit is what some small manufacturers do to avoid getting the required certifications for a working finished product. You actually need to install the boards in the case and plug in a few connectors, maybe solder a few wires, pretty much the same thing as with the X1M in kit form.
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> > ---In x1m_qrp-transceiver@yahoogroups.com, <disklog@...> wrote:
> >
> > If I am reading it correctly, the site lists this item as a kit, not assembled.
> > ---
>
> > On Fri, 11/1/13, razvanfatu@... mailto:razvanfatu@... <razvanfatu@... mailto:razvanfatu@...> wrote:

> >
> > Subject: [X1M_QRP-Transceiver] A new US$300 HF portable transceiver
>
> > To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
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> > Date: Friday, November 1, 2013, 10:56 AM
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2050. Keyer speed

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-03 13:13:47 UTC
From: Jimmie Blackwell
Topic: 2050 Message: 2050

Has anyone been able to set the keyer speed to less than 10 wpm?been a long time for me so I need to start slow. Appreciate help.

Jimmie Blackwell WB5YEZ
Sent from my iPhone

2051. Re: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-03 13:28:47 UTC
From: Tim W4YN
Topic: 2020 Message: 2051

I have all the Juma kits and the designs are top notch. The signal processing is unique and very effective. It is my top qrp rig and with the amp it is great shack rig. The designers are fantastic, i did have some language problems building the kits but once finished all was fine. another ham rewrote the code and optomized the radio even more.
Tim W4YN
PS if this is true I would buy another!
Tim

--- In X1M_QRP-Transceiver@yahoogroups.com, "Fred VE3FAL" <flesnick@...> wrote:
>
> http://www.jumaradio.com/shop/index.php?act=viewProd
> <http://www.jumaradio.com/shop/index.php?act=viewProd&productId=6>
> &productId=6
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> Juma display picture...
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> Fred
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> VE3FAL
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> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Fred VE3FAL
> Sent: November 2, 2013 4:12 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: RE: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver
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> This is not the X1M MkII this is another radio by another developer in
> China...

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> Fred
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> VE3FAL
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> From: X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Droid Power
> Sent: November 2, 2013 3:52 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
> Subject: Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver
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> > There was no group for the HF One MKII so I just started one; I will get
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> > ---In x1m_qrp-transceiver@yahoogroups.com, <disklog@> wrote:
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> assembled.
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> > On Fri, 11/1/13, razvanfatu@ mailto:razvanfatu@ <razvanfatu@
> mailto:razvanfatu@> wrote:
> >
> > Subject: [X1M_QRP-Transceiver] A new US$300 HF portable transceiver
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> > To: X1M_QRP-Transceiver@yahoogroups.com
> mailto:X1M_QRP-Transceiver@yahoogroups.com
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> > Date: Friday, November 1, 2013, 10:56 AM
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2052. Re: [X1M_QRP-Transceiver] Keyer speed

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-03 21:40:14 UTC
From: Dale Parfitt
Topic: 2050 Message: 2052

Yes,

Dale W4OP
----- Original Message -----
From: Jimmie Blackwell
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, November 03, 2013 8:13 AM
Subject: [X1M_QRP-Transceiver] Keyer speed

Has anyone been able to set the keyer speed to less than 10 wpm?been a long time for me so I need to start slow. Appreciate help.

Jimmie Blackwell WB5YEZ
Sent from my iPhone

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2053. Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-03 21:55:22 UTC
From: Dale Parfitt
Topic: 2020 Message: 2053

I think before I would consider one, I would want to confirm from Juma that the chinese have licensed the design from the Juma group. Too much thievery going on these days. But other than the attractive price, it's just another boring transceiver. I prefer one where I can dig in and make it better- or at least different.

Dale W4OP
----- Original Message -----
From: Droid Power
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 02, 2013 3:22 PM
Subject: Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

thats huge though and for 10 watts and for that price? i could get a used 100watt yeasu. That 300 dollar pice is attractive for the clone but i worry about the size

On Sat, Nov 2, 2013 at 1:18 PM, Fred VE3FAL <flesnick@...> wrote:

http://www.jumaradio.com/shop/index.php?act=viewProd&productId=6

Juma display picture…..

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Fred VE3FAL
Sent: November 2, 2013 4:12 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

This is not the X1M MkII this is another radio by another developer in China…..

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Droid Power
Sent: November 2, 2013 3:52 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

is this really the mk2 though, i thought that wasnt out yet

On Sat, Nov 2, 2013 at 12:29 PM, Steinar Aanesland <saanes@...> wrote:

"404 page not found"

LA5VNA S

On 02.11.2013 20:10, razvanfatu@gmail.com wrote:
> Selling as a kit is what some small manufacturers do to avoid getting the required certifications for a working finished product. You actually need to install the boards in the case and plug in a few connectors, maybe solder a few wires, pretty much the same thing as with the X1M in kit form.
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> There was no group for the HF One MKII so I just started one; I will get it going soon, feel free to join it to get the latest news:
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> ---In x1m_qrp-transceiver@yahoogroups.com, <disklog@...> wrote:
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> On Fri, 11/1/13, razvanfatu@... mailto:razvanfatu@... <razvanfatu@... mailto:razvanfatu@...> wrote:
>
> Subject: [X1M_QRP-Transceiver] A new US$300 HF portable transceiver

> To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com

> Date: Friday, November 1, 2013, 10:56 AM
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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2054. Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-03 21:59:35 UTC
From: Droid Power
Topic: 2020 Message: 2054

i am just worried about the heft of it. It seems very large and heavy
particularly
when com pared to the x1m. Does it really take that much more s pace to add
5 more watts?

On Sun, Nov 3, 2013 at 1:55 PM, Dale Parfitt <parinc1@...> wrote:

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> I think before I would consider one, I would want to confirm from Juma
> that the chinese have licensed the design from the Juma group. Too much
> thievery going on these days. But other than the attractive price, it's
> just another boring transceiver. I prefer one where I can dig in and make
> it better- or at least different.
>
> Dale W4OP
>
> ----- Original Message -----
> *From:* Droid Power <droidgsm2013@gmail.com>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Saturday, November 02, 2013 3:22 PM
> *Subject:* Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable
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>> Fred
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>> *From:* X1M_QRP-Transceiver@yahoogroups.com [mailto:
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>> *Sent:* November 2, 2013 4:12 PM
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>> *Subject:* RE: [X1M_QRP-Transceiver] RE: A new US$300 HF portable
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>> *On Behalf Of *Droid Power
>> *Sent:* November 2, 2013 3:52 PM
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> *Subject:* Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable
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2055. Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-03 22:03:33 UTC
From: Dale Parfitt
Topic: 2016 Message: 2055

Hi Lee,
We could be a lot more positive if we were in the same lab. That is my thought though. The regulator should "fight" any ripple/AC or DC fluxuations on its output rail.

Dale
----- Original Message -----
From: Lee
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 02, 2013 9:13 AM
Subject: RE: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

Thanks with the help with this, Dale. The test circuit works with 3 AA batteries and even with a 3.3k in series feeding it. I had no idea a voltage regulator could do this to audio. The compressed- uncompressed question I’m going to call, “The mysteries of the electron”.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Friday, November 01, 2013 4:07 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

☐

I suspect that signal is a much lower impedance than the output of the compressor. Always difficult to troubleshoot over the internet though.

Dale W4OP

----- Original Message -----

From: Lee

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday, November 01, 2013 5:00 PM

Subject: RE: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

Do any of you have any idea why the circuit works when the switch is in the uncompressed position and not the compressed position using TP1 and TP2 which was the original question? Shouldn’t the regulator eat that signal too?

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Friday, November 01, 2013 1:43 PM

To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

☐

If I understood Lee, the 7805 is only there temporarily- simulating the 5VDC that is on the tip of the X1M mic socket. But thX1M 5V has an equivalent 3.3K impedance where as the output of the 7805 (his test jig) has close to zero output impedance (0.017 Ohms at 1K). His goal is to eliminate the need for batteries in the mic. So the point is that the voltage that is multiplexed onto the mic line has to have a relatively high impedance when compared to the impedance of that mic line. Here we have 3.3KOhms vs. 0.017 Ohms.

Dale W4OP

----- Original Message -----

From: r mason

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday, November 01, 2013 2:35 PM

Subject: Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

Lee, How about 2 or 3 diodes in series to drop the battery voltage down to where you want, in place of the 7805?
Roger N4HSI

On 11/1/2013 10:31 AM, Lee wrote:

The Tip is just a label of where it would connect to the plug if I was not using the 5 volts from a 7805 regulator connected to a 9 volt battery for testing. It is not in the microphone yet. When in the compression setting there is 5 volts on the line. Is the 5 volts coming out of the radio during transmit on the Tip line have a higher impedance?

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Friday, November 01, 2013 8:50 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

☐

Hi Lee,

The tip which is labled +5- that is coming from inside the radio?

When in compressed postion, what DC voltge do you read on the 5V line?

Do I understand you that currently, the +5VDC line is something like the output of a 7805 regulator?- if so, that is a very, very low impedance point and would squash any audion on the line.

I guess I need more schematic as to what exists at that +5 VDC point.

Dale W4OP

----- Original Message -----

From: mr.olson@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Thursday, October 31, 2013 11:37 PM

Subject: [X1M_QRP-Transceiver] SSM2167 Help I'm stuck

After getting a SSM2167 Speech Conditioner to work inline with the microphone using external power I went back to one inside the microphone with the LED disconnected. I'm having some problems and I am asking for some help. The diagram is the Photo section in the N9LO folder. It is not in the microphone yet. I am feeding it from a 5 volt regulator like the 5 volts coming into the Tip of the microphone plug. A 1khz 40mv signal is put in at the point where you would connect the positive lead of the electret microphone. The 1N5819 rectifier is my attempt to keep the audio from getting back to the 5 volt + tip. With the switch in the Uncompressed position I can read the input signal on my oscilloscope at test point 1, TP1 and at TP2 which is connected to the 5 volt + plug tip. With the switch in the Compressed position I can still read the signal from TP1 which is now connected the the chip output though a voltage divide r but now I read nothing at TP2.

Lee - N9LO

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

No virus found in this message.
Checked by AVG - www.avg.com
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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2056. Re: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-03 23:45:38 UTC
From: Tim W4YN
Topic: 2020 Message: 2056

Adrian 5B4AIY has done much to improve original software so I am sure there are lots of enhancements left to play with. This design has 2 mirco's and dedicated dsp chip, so although not a SDR if is definitly software configurable, also has I&Q out for SDR programs to use and CAT commandable.
I also would not purchase if not licensed from Juma though. The designers have struggled with kitting and have used a subcontractor for kitting, maybe this a means to get around kitting issues and maybe this is a way around it and also to keep cost down.
TX2 has 3 boards and not for faint of hand to assemble due to some of the SMD part spacing, lots of torroid's also hope they do not substitute smd inductors to keep price down.
Tim W4YN

--- In X1M_QRP-Transceiver@yahoogroups.com, Droid Power <droidgsm2013@...> wrote:
>
> i am just worried about the heft of it. It seems very large and heavy
> particularly
> when com pared to the x1m. Does it really take that much more s pace to add
> 5 more watts?
>
>
> On Sun, Nov 3, 2013 at 1:55 PM, Dale Parfitt <parinc1@...> wrote:
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> >
> >
> > I think before I would consider one, I would want to confirm from Juma
> > that the chinese have licensed the design from the Juma group. Too much
> > thievery going on these days. But other than the attractive price, it's
> > just another boring transceiver. I prefer one where I can dig in and make
> > it better- or at least different.
> >
> > Dale W4OP
> >
> > ----- Original Message -----
> > *From:* Droid Power <droidgsm2013@...>
> > *To:* X1M_QRP-Transceiver@yahoogroups.com
> > *Sent:* Saturday, November 02, 2013 3:22 PM
> > *Subject:* Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable
> > transceiver
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> >
> > thats huge though and for 10 watts and for that price? i could get a used
> > 100watt yeasu. That 300 dollar pice is attractive for the clone but i
> > worry about the size
> >

> >
> > On Sat, Nov 2, 2013 at 1:18 PM, Fred VE3FAL <flesnick@...> wrote:
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> >>
> >>
> >> http://www.jumaradio.com/shop/index.php?act=viewProd&productId=6
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> >> Juma display picture ..
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> >> Fred
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> >> VE3FAL
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> >> *From:* X1M_QRP-Transceiver@yahoogroups.com [mailto:
> >> X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Fred VE3FAL
> >> *Sent:* November 2, 2013 4:12 PM
> >> *To:* X1M_QRP-Transceiver@yahoogroups.com
> >> *Subject:* RE: [X1M_QRP-Transceiver] RE: A new US$300 HF portable
> >> transceiver
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> >> This is not the X1M MkII this is another radio by another developer in
> >> China ..
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> >> Fred
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> >> VE3FAL
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> >> *From:* X1M_QRP-Transceiver@yahoogroups.com [
> >> mailto:X1M_QRP-Transceiver@yahoogroups.com<X1M_QRP-Transceiver@yahoogroups.com>]
> >> *On Behalf Of *Droid Power

> >> *Sent:* November 2, 2013 3:52 PM
> >> *To:* X1M_QRP-Transceiver@yahoogroups.com
> >> *Subject:* Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable
> >> transceiver
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> >> is this really the mk2 though, i thought that wasnt out yet
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> >> On Sat, Nov 2, 2013 at 12:29 PM, Steinar Aanesland <saanes@...>
> >> wrote:
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> >>
> >> "404 page not found"
> >>
> >> LA5VNA S
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> >> On 02.11.2013 20:10, razvanfatu@... wrote:
> >> > Selling as a kit is what some small manufacturers do to avoid getting
> >> the required certifications for a working finished product. You actually
> >> need to install the boards in the case and plug in a few connectors, maybe
> >> solder a few wires, pretty much the same thing as with the X1M in kit form.
> >> >
> >> >
> >> > There was no group for the HF One MKII so I just started one; I will
> >> get it going soon, feel free to join it to get the latest news:
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> >> > http://groups.yahoo.com/neo/groups/HFOneMKII
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> >> > ---In x1m_qrp-transceiver@yahoogroups.com, <disklog@> wrote:
> >> >
> >> > If I am reading it correctly, the site lists this item as a kit, not
> >> assembled.
> >> > ----------

> >>
> >> > On Fri, 11/1/13, razvanfatu@ mailto:razvanfatu@ <razvanfatu@
> >> mailto:razvanfatu@> wrote:
> >> >
> >> > Subject: [X1M_QRP-Transceiver] A new US$300 HF portable transceiver
> >>
> >> > To: X1M_QRP-Transceiver@yahoogroups.com mailto:
> >> X1M_QRP-Transceiver@yahoogroups.com
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> >> > Date: Friday, November 1, 2013, 10:56 AM
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> >> > HF One MKII is a new HF portable QRP transceiver, packing
> >> > SDR technology, that costs US$ 300. It is a bit larger than
> >> > the X1M (about the size of the FT-817) and weights 1.2Kg,
> >> > but in turn puts out 10W wich might be a good trade.
> >> > Supports SSB and CW and apparently can be controlled via a
> >> > smarthpone app.
> >> > More details :
> >>

> >> >
> >> http://yo9irf.blogspot.com/2013/11/hf-one-mkii-cheap-mobile-transceiver.html
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> > No virus found in this message.
> > Checked by AVG - www.avg.com
> > Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13
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2057. Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-04 12:17:49 UTC
From: Ken Downs
Topic: 2020 Message: 2057

"Very large and heavy"? it's only approx 6 1/3 x5 x 1 3/4 INCHES and 42 ounces - less than three pounds. I guess these things are relative, but that is still pretty small and light to me. Ever used a radio more than ten years old? Or almost any military radio? I used a 20+ pound backpack HF radio in Vietnam that wasn't one tenth the radio the X1M is. We've come a long way, brother!
Ken, W1KRT
On Nov 3, 2013, at 4:59 PM, Droid Power wrote:

i am just worried about the heft of it. It seems very large and heavy particularly when com pared to the x1m. Does it really take that much more s pace to add 5 more watts?

On Sun, Nov 3, 2013 at 1:55 PM, Dale Parfitt <parinc1@...> wrote:

I think before I would consider one, I would want to confirm from Juma that the chinese have licensed the design from the Juma group. Too much thievery going on these days. But other than the attractive price, it's just another boring transceiver. I prefer one where I can dig in and make it better- or at least different.

Dale W4OP
----- Original Message -----
From: Droid Power
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 02, 2013 3:22 PM
Subject: Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

thats huge though and for 10 watts and for that price? i could get a used 100watt yeasu. That 300 dollar pice is attractive for the clone but i worry about the size

On Sat, Nov 2, 2013 at 1:18 PM, Fred VE3FAL <flesnick@...> wrote:

http://www.jumaradio.com/shop/index.php?act=viewProd&productId=6

Juma display picture…..

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Fred VE3FAL
Sent: November 2, 2013 4:12 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

This is not the X1M MkII this is another radio by another developer in China…..

Fred

VE3FAL

From: X1M_QRP-Transceiver@...m [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Droid Power
Sent: November 2, 2013 3:52 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

is this really the mk2 though, i thought that wasnt out yet

On Sat, Nov 2, 2013 at 12:29 PM, Steinar Aanesland <saanes@...> wrote:

"404 page not found"

LA5VNA S

On 02.11.2013 20:10, razvanfatu@...m wrote:
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>
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> There was no group for the HF One MKII so I just started one; I will get it going soon, feel free to join it to get the latest news:
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>

> http://groups.yahoo.com/neo/groups/HFOneMKII
http://groups.yahoo.com/neo/groups/HFOneMKII

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> ---

> On Fri, 11/1/13, razvanfatu@... mailto:razvanfatu@... <razvanfatu@... mailto:razvanfatu@...> wrote:
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> Subject: [X1M_QRP-Transceiver] A new US$300 HF portable transceiver

> To: X1M_QRP-Transceiver@...m mailto:X1M_QRP-Transceiver@yahoogroups.com

> Date: Friday, November 1, 2013, 10:56 AM
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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2058. RE: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-04 12:18:57 UTC
From: <k8sar@...>
Topic: 2020 Message: 2058

Our group is gaining in popularity with over 500 enthusiastic members in a very short period of time. At times our exchanges can take us down paths outside the group's intended purpose......ie off topic. Let's return to our X1M mission of enjoying it and making the experience better for all.

73, Steve (founder and moderator)

---In x1m_qrp-transceiver@yahoogroups.com, <krtdowns@myfairpoint.net> wrote:

"Very large and heavy"? it's only approx 6 1/3 x5 x 1 3/4 INCHES and 42 ounces - less than three pounds. I guess these things are relative, but that is still pretty small and light to me. Ever used a radio more than ten years old? Or almost any military radio? I used a 20+ pound backpack HF radio in Vietnam that wasn't one tenth the radio the X1M is. We've come a long way, brother! Ken, W1KRT
On Nov 3, 2013, at 4:59 PM, Droid Power wrote:

i am just worried about the heft of it. It seems very large and heavy particularly when com pared to the x1m. Does it really take that much more s pace to add 5 more watts?

On Sun, Nov 3, 2013 at 1:55 PM, Dale Parfitt <parinc1@frontier.com mailto:parinc1@frontier.com> wrote:

I think before I would consider one, I would want to confirm from Juma that the chinese have licensed the design from the Juma group. Too much thievery going on these days. But other than the attractive price, it's just another boring transceiver. I prefer one where I can dig in and make it better- or at least different.

Dale W4OP
----- Original Message -----
From: Droid Power
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 02, 2013 3:22 PM
Subject: Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

thats huge though and for 10 watts and for that price? i could get a used 100watt yeasu. That 300 dollar pice is attractive for the clone but i worry about the size

On Sat, Nov 2, 2013 at 1:18 PM, Fred VE3FAL <flesnick@tbaytel.net mailto:flesnick@tbaytel.net> wrote:

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http://www.jumaradio.com/shop/index.php?act=viewProd&productId=6

Juma display picture…..

Fred
VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Fred VE3FAL
Sent: November 2, 2013 4:12 PM
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

This is not the X1M MkII this is another radio by another developer in China…..

Fred
VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Droid Power
Sent: November 2, 2013 3:52 PM
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: A new US$300 HF portable transceiver

is this really the mk2 though, i thought that wasnt out yet

On Sat, Nov 2, 2013 at 12:29 PM, Steinar Aanesland <saanes@broadpark.no mailto:saanes@broadpark.no> wrote:

"404 page not found"

LA5VNA S

On 02.11.2013 20:10, razvanfatu@gmail.com mailto:razvanfatu@gmail.com wrote:
> Selling as a kit is what some small manufacturers do to avoid getting the required certifications for a working finished product. You actually need to install the boards in the case and plug in a few connectors, maybe solder a few wires, pretty much the same thing as with the X1M in kit form.
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mailto:razvanfatu@ mailto:razvanfatu@...> wrote:
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> Subject: [X1M_QRP-Transceiver] A new US$300 HF portable transceiver

> To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
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No virus found in this message.
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Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2062. Re: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-04 13:54:13 UTC
From: Tim W4YN
Topic: 2020 Message: 2062

Something is wrong with spec's my TRXII weighs less than a pound, even with external 100w amp it does not weigh 3 lbs.
Tim

--- In X1M_QRP-Transceiver@yahoogroups.com, Ken Downs <krtdowns@...> wrote:
>
> "Very large and heavy"? it's only approx 6 1/3 x5 x 1 3/4 INCHES and 42 ounces - less than three pounds. I guess these things are relative, but that is still pretty small and light to me. Ever used a radio more than ten years old? Or almost any military radio? I used a 20+ pound backpack HF radio in Vietnam that wasn't one tenth the radio the X1M is. We've come a long way, brother!
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> > ---In x1m_qrp-transceiver@yahoogroups.com, <disklog@> wrote:
> >
> > If I am reading it correctly, the site lists this item as a kit, not assembled.
> > ---
>
> > On Fri, 11/1/13, razvanfatu@ mailto:razvanfatu@ <razvanfatu@ mailto:razvanfatu@> wrote:
> >
> > Subject: [X1M_QRP-Transceiver] A new US$300 HF portable transceiver
>
> > To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
>
>
> > Date: Friday, November 1, 2013, 10:56 AM
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> >
> > HF One MKII is a new HF portable QRP transceiver, packing
> > SDR technology, that costs US$ 300. It is a bit larger than
> > the X1M (about the size of the FT-817) and weights 1.2Kg,
> > but in turn puts out 10W wich might be a good trade.
> > Supports SSB and CW and apparently can be controlled via a
> > smarthpone app.
> > More details :
>
> > http://yo9irf.blogspot.com/2013/11/hf-one-mkii-cheap-mobile-transceiver.html
http://yo9irf.blogspot.com/2013/11/hf-one-mkii-cheap-mobile-transceiver.html
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> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13
>

2063. RE: [X1M_QRP-Transceiver] Re: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-04 14:00:07 UTC
From: Fred VE3FAL
Topic: 2020 Message: 2063

From web blog:
" but the manufacturer lists a weight of almost 1.2Kg for the whole thing
(mic and cables included) due to a rugged cast aluminum case"

Fred
VE3FAL

2064. RE: [X1M_QRP-Transceiver] Re: A new US$300 HF portable transceiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-04 14:19:22 UTC
From: Lee
Topic: 2020 Message: 2064

Can we go back to discussing the X1M?

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Fred VE3FAL
Sent: Monday, November 04, 2013 8:00 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] Re: A new US$300 HF portable transceiver

From web blog:
" but the manufacturer lists a weight of almost 1.2Kg for the whole thing
(mic and cables included) due to a rugged cast aluminum case"

Fred
VE3FAL

2065. X1M AGC KITS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-04 17:07:37 UTC
From: Dale Parfitt
Topic: 2065 Message: 2065

I am getting a fair number of orders with no USPS shipping address. Please click on "GOODS" and not "SERVICES" when making a PayPal payment.

That ensures your address will accompany the payment.

Also, please tell me in the SUBJECT or Comments field what you are ordering. PAR also sells a number of replacement parts for $11 and $13. This saves me having to send another email requesting this information.

21 kits posting today.

Thanks,

Dale W4OP

2066. RE: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-04 18:33:48 UTC
From: Lee
Topic: 1956 Message: 2066

They got here and I remember reading that there could be a problem removing the screw in the middle of the bottom. Is it ok the remove the screw so I can drill the bottom to attach the feet? Thank you.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Tuesday, October 29, 2013 9:42 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

☐

He seems to have an endless stock- but pieces them out on eBay. I bought my first set several years ago.\

Dale W4OP

----- Original Message -----

From: Lee <mailto:mr.olson@...>

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Tuesday, October 29, 2013 10:29 AM

Subject: RE: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

Thank you. I bought the last set.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Tuesday, October 29, 2013 8:40 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

Hi Lee,
eBay item # 120957745111

The kit consists of three feet- 2 for the rear so that when the tilt foot is folded up, the radio sits flat.
I have put them on a number of my radios. See my ARK-40 that I converted from thumbwheel to optical encoder:
http://www.parelectronics.com/vintage-ss-engineering-ark-40.php
Previously, I have always attached them with screws, but on the X1M I used JB Weld and they appear to be there forever.

Dale W4OP
----- Original Message -----
From: Lee
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 29, 2013 9:25 AM
Subject: RE: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

Did you make that tilt foot? Can I order one someplace? Looks real nice and much easier to store than my Plexi stand.
Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Tuesday, October 29, 2013 7:56 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

☐

That is a tilt foot. Pretty much identical to what the SGC SG-2020 used. It folds up and then the radio sits flat. But with the tilt foot engaged the radio is tilted at a perfect height and air gets under the rig to help cool it.

I also exchanged the socket head cap screws for black button head screws on the front panel- much nicer look and less obtrusive. Finally, I used my mill to double the number of holes for the speaker- but that is not readily visible in the photo.
http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/photos/albums/38547135/lightbox/299319304
Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@macnews.de
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 29, 2013 1:23 AM
Subject: [X1M_QRP-Transceiver] RE: X1M AGC

Still intersted in a complete kit, I can wait! BTW, what is this nice ittle foot on your rig?

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:
No wonder the pot was difficult to mount- I ordered the wrong size. New ones will be here Wednesday at the latest.
Does anyone want a bare board to build up themselves? I can ship them now for $5 which includes USPS shipping in a bubble envelope.

Dale W4OP
No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

2067. Re: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-04 18:44:51 UTC
From: Charlie , W5COV
Topic: 1956 Message: 2067

Lee , I do NOT recommend removing the screw on the bottom of the rig , unless you securely fasten the nut down on the inside of the case while you have it out of the case . It is pretty nearly impossible to get that nut and screw back in . I was lucky and had the covers off of the filters when I did take that screw and nut out and you can access it then pretty easily , but I also do not recommend taking the shields , only as a last result . Maybe super glue the nut in place or something similar . Dale took his out , but I can't remember how he secured that nut to put it back together .

Charlie , W5COV

On 11/4/2013 12:33 PM, Lee wrote:
>
> They got here and I remember reading that there could be a problem
> removing the screw in the middle of the bottom. Is it ok the remove
> the screw so I can drill the bottom to attach the feet? Thank you.
>
> Lee – N9LO
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Dale Parfitt
> *Sent:* Tuesday, October 29, 2013 9:42 AM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* Re: [X1M_QRP-Transceiver] X1M Tilt Foot and Other
> Mechanical Changes
>
> □
>
> He seems to have an endless stock- but pieces them out on eBay. I
> bought my first set several years ago.\
>
> Dale W4OP
>
> ----- Original Message -----
>
> *From:*Lee <mailto:mr.olson@...>
>
> *To:*X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>
> *Sent:*Tuesday, October 29, 2013 10:29 AM
>

> *Subject:*RE: [X1M_QRP-Transceiver] X1M Tilt Foot and Other
> Mechanical Changes
>
> Thank you. I bought the last set.
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Dale
> Parfitt
> *Sent:* Tuesday, October 29, 2013 8:40 AM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Subject:* Re: [X1M_QRP-Transceiver] X1M Tilt Foot and Other
> Mechanical Changes
>
> Hi Lee,
> eBay item # 120957745111
>
> The kit consists of three feet- 2 for the rear so that when the
> tilt foot is
> folded up, the radio sits flat.
> I have put them on a number of my radios. See my ARK-40 that I
> converted
> from thumbwheel to optical encoder:
> http://www.parelectronics.com/vintage-ss-engineering-ark-40.php
> Previously, I have always attached them with screws, but on the
> X1M I used
> JB Weld and they appear to be there forever.
>
> Dale W4OP
> ----- Original Message -----
> From: Lee
> To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> Sent: Tuesday, October 29, 2013 9:25 AM
> Subject: RE: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical
> Changes
>
> Did you make that tilt foot? Can I order one someplace? Looks real
> nice
> and much easier to store than my Plexi stand.
> Lee – N9LO
>
> From: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
> Sent: Tuesday, October 29, 2013 7:56 AM
> To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>

> Subject: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical
> Changes
>
> □
>
> That is a tilt foot. Pretty much identical to what the SGC SG-2020
> used. It
> folds up and then the radio sits flat. But with the tilt foot
> engaged the
> radio is tilted at a perfect height and air gets under the rig to
> help cool
> it.
>
> I also exchanged the socket head cap screws for black button head
> screws on
> the front panel- much nicer look and less obtrusive. Finally, I
> used my mill
> to double the number of holes for the speaker- but that is not
> readily
> visible in the photo.
> http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/photos/albums/38547135/lightbox/299319304
> Dale W4OP
>
> ----- Original Message -----
> From: andreas.fuehrmann@...
> <mailto:andreas.fuehrmann@...>
> To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> Sent: Tuesday, October 29, 2013 1:23 AM
> Subject: [X1M_QRP-Transceiver] RE: X1M AGC
>
> Still intersted in a complete kit, I can wait! BTW, what is this nice
> ittle foot on your rig?
>
> ---In x1m_qrp-transceiver@yahoogroups.com
> <mailto:x1m_qrp-transceiver@yahoogroups.com>, <parinc1@...
> <mailto:parinc1@...>> wrote:
> No wonder the pot was difficult to mount- I ordered the wrong
> size. New ones
> will be here Wednesday at the latest.
> Does anyone want a bare board to build up themselves? I can ship
> them now
> for $5 which includes USPS shipping in a bubble envelope.
>
> Dale W4OP
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date:
> 10/26/13

>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date:
> 10/26/13
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date:
> 10/26/13
>
>

2068. Re: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-04 19:12:09 UTC
From: Dale Parfitt
Topic: 1956 Message: 2068

Hi Lee,

I epoxied the nut onto the TO-220 device, which makes putting it back together fairly easy. However, as there is not a lot of spece (height) on the inside bottom, I attached my tilt with JB weld epoxy and that has proved a good solution.

Dale W4OP
----- Original Message -----
From: Lee
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, November 04, 2013 1:33 PM
Subject: RE: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

They got here and I remember reading that there could be a problem removing the screw in the middle of the bottom. Is it ok the remove the screw so I can drill the bottom to attach the feet? Thank you.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Tuesday, October 29, 2013 9:42 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

☐

He seems to have an endless stock- but pieces them out on eBay. I bought my first set several years ago.\

Dale W4OP

----- Original Message -----

From: Lee

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Tuesday, October 29, 2013 10:29 AM

Subject: RE: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

Thank you. I bought the last set.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Tuesday, October 29, 2013 8:40 AM

To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

Hi Lee,
eBay item # 120957745111

The kit consists of three feet- 2 for the rear so that when the tilt foot is folded up, the radio sits flat.
I have put them on a number of my radios. See my ARK-40 that I converted from thumbwheel to optical encoder:
http://www.parelectronics.com/vintage-ss-engineering-ark-40.php
Previously, I have always attached them with screws, but on the X1M I used JB Weld and they appear to be there forever.

Dale W4OP
----- Original Message -----
From: Lee
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 29, 2013 9:25 AM
Subject: RE: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

Did you make that tilt foot? Can I order one someplace? Looks real nice and much easier to store than my Plexi stand.
Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Tuesday, October 29, 2013 7:56 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M Tilt Foot and Other Mechanical Changes

☐

That is a tilt foot. Pretty much identical to what the SGC SG-2020 used. It folds up and then the radio sits flat. But with the tilt foot engaged the radio is tilted at a perfect height and air gets under the rig to help cool it.

I also exchanged the socket head cap screws for black button head screws on the front panel- much nicer look and less obtrusive. Finally, I used my mill to double the number of holes for the speaker- but that is not readily visible in the photo.
http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/photos/albums/38547135/lightbox/299319304
Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, October 29, 2013 1:23 AM
Subject: [X1M_QRP-Transceiver] RE: X1M AGC

Still intersted in a complete kit, I can wait! BTW, what is this nice
ittle foot on your rig?

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:
No wonder the pot was difficult to mount- I ordered the wrong size. New ones
will be here Wednesday at the latest.
Does anyone want a bare board to build up themselves? I can ship them now
for $5 which includes USPS shipping in a bubble envelope.

Dale W4OP
No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2069. UPDATE AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-04 20:09:30 UTC
From: Dale Parfitt
Topic: 2069 Message: 2069

I had some spare time today and have now mailed out kits to everyone who had ordered.

73,

Dale W4OP

2070. Re: [X1M_QRP-Transceiver] UPDATE AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-04 22:42:09 UTC
From: Tarunodjojo
Topic: 2069 Message: 2070

Hi Dale,

Thanks very much..

Best 73,
de Joy/YB0NSI..

iPhone is Cool !

> On 5 Nov 2013, at 03.09, "Dale Parfitt" <parinc1@...> wrote:
>
> □
>
> I had some spare time today and have now mailed out kits to everyone who had ordered.
>
> 73,
>
> Dale W4OP
>

2071. Re: X1M Tilt Foot and Other Mechanical Changes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-05 13:06:11 UTC
From: Paul W. Ross
Topic: 1956 Message: 2071

Is there a good source for the tilt feet???

I want to use them on both my X1M and a KN-Q7A.

73 /paul W3FIS

2072. Re: [X1M_QRP-Transceiver] Re: X1M Tilt Foot and Other Mechanical Changes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-05 13:59:11 UTC
From: Dale Parfitt
Topic: 1956 Message: 2072

Hi Paul,
I can look it up again, but search Posts here for tilt and you will find the eBay link I posted a couple of weeks ago.

Dale W4OP
----- Original Message -----
From: Paul W. Ross
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 05, 2013 8:06 AM
Subject: [X1M_QRP-Transceiver] Re: X1M Tilt Foot and Other Mechanical Changes

Is there a good source for the tilt feet???

I want to use them on both my X1M and a KN-Q7A.

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2073. RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-05 14:04:30 UTC
From: <orders@...>
Topic: 1193 Message: 2073

Hi all,

I spent a good portion of Sunday tweaking and testing the circuit with another ham. The short of it is I still don't have a final set of values I'm really happy with but boy am I learning a lot! Swapping in and out parts and seeing how it changes on the screen of the computer is fascinating!

Lee - at one point you mentioned you measured the output of the oringal mic at 40mV. Can you tell me how you did that measurement? I have a trimmer on the output and am calibrating it for the comptuer I'm working with before the radio but I suspect I'm going to have to adjust it f or the radio again -- so I want to reproduce and use your method to start. Thanks.

With that I'm chugging along.....

---In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Success #2!!!! I've got my prototype compression circuit working tonight! Lee -- thanks for your diagram -- I didn't realize I needed to bias the microphone -- although I had wondered how the voltage was going to get there. Turns out my suspicion was correct -- and your diagram told me the answer to my questions! So thanks for that! The other piece I needed to change was the 3v cell button battery out for a 5vc supply with more amperage available.

So at this point I'm getting output and I'll start working on tuning the core feature set and then work on improving it etc. And this rig is still tickling me pink! Giving me reasons to learn :)

-Chris

---In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Well I'm tired... rereading your schematic I had it right the first time. I'll rewire it and see what I can see. But that will be tomorrow..... Oy!

---In x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> wrote:

You could try peaking at my settings but you may find better settings that you could share with us.
Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, October 28, 2013 10:19 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

That's great Lee! And good eyes Charlie and Dale re: powering from the radio. I'm working on mine with a battery tonight so I'll peak at yours after I give mine it's first run. HA! Glad to hear the punch seems to be really helping the x1m. :)

-Chris

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <lphebus@... mailto:lphebus@...> wrote:
Thanks Dale, I see that resistor R48C is limiting the current to the mic. I've got the battery-powered one nearly completed. Once done, I'll take a look at lowering that resistor value and building one powered by the X1M. It should easily fit into the X1M stock mic case. My experience so far suggests that a little compression really adds to the average signal power and readability.

Lee

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:
☐
Hi Lee,

Measure exactly what your current drain is and change out the resistor that is in series with the 9T voltage that is impressed on the mic socket.

As Charlie pointed out, it is currently 3.3K at least on the schematic.

Dale W4OP

To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, October 28, 2013 5:13 PM

Subject: RE: Re: [X1M_QRP-Transceiver] RE: RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Thanks!!! I'll take a look!

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:
Lee , have you looked at I believe it is R48C in the radio , a 3.3K resistor and paralleling another 3.3K perhaps right on top of it to power your microphone ?

Dale and I were discussing it and he is much quicker with math and the diagrams and he came up with that idea to maybe do away with the batteries .

Charlie , W5COV

On 10/28/2013 3:54 PM, lphebus@... mailto:lphebus@... wrote:

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Inquiring minds want to know :)

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Oops, my mistake.Â I bought mine from a different seller 190593669424Â Must be old timers disease kicking in again.

Lee â€“ N9LO

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Sent: Tuesday, September 03, 2013 12:19 AM
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Didn't see the chips in that seller's store, Lee. Can you give us the item number for them, please.

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And thanks for the thumbs up I'm loving the trip!
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Anyway, my newest exploration is around the audio and SSB and this little fellar. From what Ed has walked me through I'm beating down the path that the radio WILL transmit 5w PEP on SSB .. the mic, gain, compression, preamp, etc are the limiting factor to making this usable out of the box. I'm currently playing down the path that the gain adjustment in the rig will be sufficient if I can compress the audio so more of it is towards the 5W 'section'. During my dive into this sort of theory I can across this little gem of a chip: http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html

Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

I've got plenty more to do to see if this theory will be valid in the x1m and how it all fits together but I'm loving this rig just for giving me framework to explore and ask about this things. Before this little fella and my trying to test if the SSB output was 'good' and if I needed to send it back everything was just words and now its all tying together. Having a ball!

Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

-Chris
KC8MUS

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

2074. RE: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-05 16:49:17 UTC
From: Lee
Topic: 1193 Message: 2074

I put 5 volts between the Tip and Ground on the microphone and fed my oscilloscope with a 100nf capacitor to block the DC. Then I said a medium AAAHHHHH into the stock Microphone and read 40mv Vpp on the scope. If anyone gets different results please let me know. I’m just a hobbyist and no expert.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@kluener.org
Sent: Tuesday, November 05, 2013 8:05 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Hi all,

I spent a good portion of Sunday tweaking and testing the circuit with another ham. The short of it is I still don't have a final set of values I'm really happy with but boy am I learning a lot! Swapping in and out parts and seeing how it changes on the screen of the computer is fascinating!

Lee - at one point you mentioned you measured the output of the oringal mic at 40mV. Can you tell me how you did that measurement? I have a trimmer on the output and am calibrating it for the comptuer I'm working with before the radio but I suspect I'm going to have to adjust it f or the radio again -- so I want to reproduce and use your method to start. Thanks.

With that I'm chugging along.....

---In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Success #2!!!! I've got my prototype compression circuit working tonight! Lee -- thanks for your diagram -- I didn't realize I needed to bias the microphone -- although I had wondered how the voltage was going to get there. Turns out my suspicion was correct -- and your diagram told me the answer to my questions! So thanks for that! The other piece I needed to change was the 3v cell button battery out for a 5vc supply with more amperage available.

So at this point I'm getting output and I'll start working on tuning the core feature set and then work on improving it etc. And this rig is still tickling me pink! Giving me reasons to learn :)

-Chris

---In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Well I'm tired... rereading your schematic I had it right the first time. I'll rewire it and see what I can see. But that will be tomorrow..... Oy!

---In x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> wrote:

You could try peaking at my settings but you may find better settings that you could share with us.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, October 28, 2013 10:19 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

That's great Lee! And good eyes Charlie and Dale re: powering from the radio. I'm working on mine with a battery tonight so I'll peak at yours after I give mine it's first run. HA! Glad to hear the punch seems to be really helping the x1m. :)

-Chris

---In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

Thanks Dale, I see that resistor R48C is limiting the current to the mic. I've got the battery-powered one nearly completed. Once done, I'll take a look at lowering that resistor value and building one powered by the X1M. It should easily fit into the X1M stock mic case. My experience so far suggests that a little compression really adds to the average signal power and readability.

Lee

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

□

Hi Lee,

Measure exactly what your current drain is and change out the resistor that is in series with the 9T voltage that is impressed on the mic socket.

As Charlie pointed out, it is currently 3.3K at least on the schematic.

Dale W4OP

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, October 28, 2013 5:13 PM

Subject: RE: Re: [X1M_QRP-Transceiver] RE: RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Thanks!!! I'll take a look!

---In X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> wrote:

Lee , have you looked at I believe it is R48C in the radio , a 3.3K resistor and paralleling another 3.3K perhaps right on top of it to power your microphone ?

Dale and I were discussing it and he is much quicker with math and the diagrams and he came up with that idea to maybe do away with the batteries .

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KC8MUS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

2075. Pro version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-05 21:36:55 UTC
From: <mikejmardis@...>
Topic: 2075 Message: 2075

I'm ordering one as soon as the proceeds from a radio sale clear. Is this shipping yet? Any advice?

2076. RE: X1M Tilt Foot and Other Mechanical Changes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-05 21:48:10 UTC
From: <mikejmardis@...>
Topic: 1956 Message: 2076

How much of a difference did the extra holes make

2077. Re: [X1M_QRP-Transceiver] Pro version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-05 22:00:25 UTC
From: Charlie , W5COV
Topic: 2075 Message: 2077

The last I heard they will ship the next batch some time this month .
Ed, at www.importcommunications.com has the most up to date information
, since he is their largest distributor ..

Charlie , W5COV

On 11/5/2013 3:36 PM, mikejmardis@... wrote:
>
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> this shipping yet? Any advice?
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2078. Re: [X1M_QRP-Transceiver] RE: X1M Tilt Foot and Other Mechanical Changes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-05 22:35:40 UTC
From: Dale Parfitt
Topic: 1956 Message: 2078

A little difficult to say Mike. I did not do any before/after testing. But it certainly appeared only a small percentage of the speaker cone was available for moving sound with the original holes.

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 05, 2013 4:48 PM
Subject: [X1M_QRP-Transceiver] RE: X1M Tilt Foot and Other Mechanical Changes

How much of a difference did the extra holes make

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2079. X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-05 22:39:01 UTC
From: Dale Parfitt
Topic: 2079 Message: 2079

Has everyone who wanted a kit now placed their order? If so, I'll set the "production line" on another bench for now. All orders have been filled.

On the subject of manually building with surface mount- I think there is a lot of information on the WEB already . If anyone wants to know the procedures I use, I'll detail it here on the group. No magic, but results in a nice looking board. Perhaps others can chime in with their own SMD techniques.

Dale W4OP

2080. Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-05 23:53:21 UTC
From: M_AND_R_SHAREF
Topic: 2079 Message: 2080

QRPME.COM has something for circuit boards for surface mount parts. I
recived some cool stuff from them for this for chirstmas last year. 73

On Tue, Nov 5, 2013 at 5:39 PM, Dale Parfitt <parinc1@...> wrote:

>
>
>
> Has everyone who wanted a kit now placed their order? If so, I'll set the
> "production line" on another bench for now. All orders have been filled.
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> Dale W4OP
>
>
>

2081. Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-06 00:09:56 UTC
From: mikejmardis@...
Topic: 2079 Message: 2081

I'm lost. I apologize for coming in the end of the conversation. But, I just became a member of the group.
What are the kits for?

Sent from my iPhone

> On Nov 5, 2013, at 18:53, M_AND_R_SHAREF <msharef@...> wrote:
>
> QRPME.COM has something for circuit boards for surface mount parts. I recived some cool stuff from them for this for chirstmas last year. 73
>
>> On Tue, Nov 5, 2013 at 5:39 PM, Dale Parfitt <parinc1@...> wrote:
>>
>>
>> Has everyone who wanted a kit now placed their order? If so, I'll set the "production line" on another bench for now. All orders have been filled.
>>
>> On the subject of manually building with surface mount- I think there is a lot of information on the WEB already . If anyone wants to know the procedures I use, I'll detail it here on the group. No magic, but results in a nice looking board. Perhaps others can chime in with their own SMD techniques.
>>
>> Dale W4OP
>
>

2082. RE: X1M Tilt Foot and Other Mechanical Changes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-06 00:20:39 UTC
From: <deadgoose@...>
Topic: 1956 Message: 2082

There was something about them being out of them..

73 /paul W3FIS

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Hi Paul,
I can look it up again, but search Posts here for tilt and you will find the eBay link I posted a couple of weeks ago.

Dale W4OP
----- Original Message -----
From: Paul W. Ross
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 05, 2013 8:06 AM
Subject: [X1M_QRP-Transceiver] Re: X1M Tilt Foot and Other Mechanical Changes

Is there a good source for the tilt feet???

I want to use them on both my X1M and a KN-Q7A.

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2083. Re: [X1M_QRP-Transceiver] RE: X1M Tilt Foot and Other Mechanical Changes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-06 00:39:50 UTC
From: Dale Parfitt
Topic: 1956 Message: 2083

I believe you are correct Paul. I just did a search and only saw UK seller that had a set of four.

The manufacturer is OKW Enclosures LTD- perhaps they are available elsewhere.

Dale W4OP

----- Original Message -----
From: deadgoose@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 05, 2013 7:20 PM
Subject: [X1M_QRP-Transceiver] RE: X1M Tilt Foot and Other Mechanical Changes

There was something about them being out of them..

73 /paul W3FIS

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Hi Paul,
I can look it up again, but search Posts here for tilt and you will find the eBay link I posted a couple of weeks ago.

Dale W4OP
----- Original Message -----
From: Paul W. Ross
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 05, 2013 8:06 AM
Subject: [X1M_QRP-Transceiver] Re: X1M Tilt Foot and Other Mechanical Changes

Is there a good source for the tilt feet???

I want to use them on both my X1M and a KN-Q7A.

73 /paul W3FIS

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Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2084. Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-06 00:40:46 UTC
From: Dale Parfitt
Topic: 2079 Message: 2084

As is, the X1M does not have AGC. The kit is to add audio derived AGC to the X1M. See the manual in the files section under W4OP

Dale W4OP

----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 05, 2013 7:09 PM
Subject: Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE

I'm lost. I apologize for coming in the end of the conversation. But, I just became a member of the group.
What are the kits for?

Sent from my iPhone

On Nov 5, 2013, at 18:53, M_AND_R_SHAREF <msharef@...> wrote:

QRPME.COM has something for circuit boards for surface mount parts. I recived some cool stuff from them for this for chirstmas last year. 73

On Tue, Nov 5, 2013 at 5:39 PM, Dale Parfitt <parinc1@...> wrote:

Has everyone who wanted a kit now placed their order? If so, I'll set the "production line" on another bench for now. All orders have been filled.

On the subject of manually building with surface mount- I think there is a lot of information on the WEB already . If anyone wants to know the procedures I use, I'll detail it here on the group. No magic, but results in a nice looking board. Perhaps others can chime in with their own SMD techniques.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2085. Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-06 01:09:52 UTC
From: mikejmardis@...
Topic: 2079 Message: 2085

Thanks Dale. What level skill (soldering) is involved with this kit?

Sent from my iPhone

> On Nov 5, 2013, at 19:40, "Dale Parfitt" <parinc1@frontier.com> wrote:
>
> □
>
>
>
> As is, the X1M does not have AGC. The kit is to add audio derived AGC to the X1M. See the manual in the files section under W4OP
>
> Dale W4OP
>
> ----- Original Message -----
> From: mikejmardis@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Cc: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Tuesday, November 05, 2013 7:09 PM
> Subject: Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE
>
>
> I'm lost. I apologize for coming in the end of the conversation. But, I just became a member of the group.
> What are the kits for?
>
> Sent from my iPhone
>
>> On Nov 5, 2013, at 18:53, M_AND_R_SHAREF <msharef@...> wrote:
>>
>>
>> QRPME.COM has something for circuit boards for surface mount parts. I recived some cool stuff from them for this for chirstmas last year. 73
>>
>>
>>> On Tue, Nov 5, 2013 at 5:39 PM, Dale Parfitt <parinc1@frontier.com> wrote:
>>>
>>>
>>> Has everyone who wanted a kit now placed their order? If so, I'll set the "production line" on another bench for now. All orders have been filled.
>>>
>>> On the subject of manually building with surface mount- I think there is a lot of information on the WEB already . If anyone wants to know the procedures I use, I'll detail it here on the group. No magic, but results in a nice looking board. Perhaps others can chime in with their own SMD techniques.

>>>
>>> Dale W4OP
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13
>
>

2086. Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-06 02:59:33 UTC
From: Bill Maxwell
Topic: 2079 Message: 2086

Sorry, I'm dragging the chain Dale. I'll place the order now.

Bill VK7MX
On 6/11/2013 9:39 AM, Dale Parfitt wrote:
> □
>
> Has everyone who wanted a kit now placed their order? If so, I'll set
> the "production line" on another bench for now. All orders have been
> filled.
> On the subject of manually building with surface mount- I think there
> is a lot of information on the WEB already . If anyone wants to know
> the procedures I use, I'll detail it here on the group. No magic, but
> results in a nice looking board. Perhaps others can chime in with
> their own SMD techniques.
> Dale W4OP
>
>
>

2087. Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-06 04:50:38 UTC
From: Dale Parfitt
Topic: 2079 Message: 2087

Hi Mike,
It is all surface mount- 0805 size. Only a dozen or so parts though. I use a Hakko solder station with their pointed tip and 0.015" solder, good tweezers and an illuminated flourescent magnifier.

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 05, 2013 8:09 PM
Subject: Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE

Thanks Dale. What level skill (soldering) is involved with this kit?

Sent from my iPhone

On Nov 5, 2013, at 19:40, "Dale Parfitt" <parinc1@...> wrote:

☐

As is, the X1M does not have AGC. The kit is to add audio derived AGC to the X1M. See the manual in the files section under W4OP

Dale W4OP

----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 05, 2013 7:09 PM
Subject: Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE

I'm lost. I apologize for coming in the end of the conversation. But, I just became a member of the group.
What are the kits for?

Sent from my iPhone

On Nov 5, 2013, at 18:53, M_AND_R_SHAREF <msharef@...> wrote:

QRPME.COM has something for circuit boards for surface mount parts. I recived some cool stuff from them for this for chirstmas last year. 73

On Tue, Nov 5, 2013 at 5:39 PM, Dale Parfitt <parinc1@...> wrote:

Has everyone who wanted a kit now placed their order? If so, I'll set the "production line" on another bench for now. All orders have been filled.

On the subject of manually building with surface mount- I think there is a lot of information on the WEB already . If anyone wants to know the procedures I use, I'll detail it here on the group. No magic, but results in a nice looking board. Perhaps others can chime in with their own SMD techniques.

Dale W4OP

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Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2088. Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-06 05:48:47 UTC
From: Charlie , W5COV
Topic: 2079 Message: 2088

Hey Dale ,

Where do you get that solder ? I would like to have some smaller diameter on hand too .

I use a 15 watt Radio Shack iron and Radio Shack .022 " solder , 64-013 , Rosin Core , Silver-Bearing solder , mix : 62/36/2 It flows very nicely .

I have it in my reorder cart right now on RS web site . No stores around me so I have to order even Radio Shack stuff , so an even smaller diameter solder would be handy and ordering it is "normal" for me .

Charlie
On 11/5/2013 10:50 PM, Dale Parfitt wrote:
>
> □
>
> Hi Mike,
> It is all surface mount- 0805 size. Only a dozen or so parts though. I
> use a Hakko solder station with their pointed tip and 0.015" solder,
> good tweezers and an illuminated flourescent magnifier.
> Dale W4OP
>
> ----- Original Message -----
> *From:* mikejmardis@... <mailto:mikejmardis@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Tuesday, November 05, 2013 8:09 PM
> *Subject:* Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE
>
> Thanks Dale. What level skill (soldering) is involved with this kit?
>
> Sent from my iPhone
>
> On Nov 5, 2013, at 19:40, "Dale Parfitt" <parinc1@...
> <mailto:parinc1@...>> wrote:
>
>> □
>>
>> As is, the X1M does not have AGC. The kit is to add audio
>> derived AGC to the X1M. See the manual in the files section under
>> W4OP
>> Dale W4OP
>>
>> ----- Original Message -----

>> *From:* mikejmardis@... <mailto:mikejmardis@...>
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>> *Cc:* X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>> *Sent:* Tuesday, November 05, 2013 7:09 PM
>> *Subject:* Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE
>>
>> I'm lost. I apologize for coming in the end of the
>> conversation. But, I just became a member of the group.
>> What are the kits for?
>>
>> Sent from my iPhone
>>
>> On Nov 5, 2013, at 18:53, M_AND_R_SHAREF
>> <msharef@... <mailto:msharef@...>> wrote:
>>
>>> QRPME.COM <http://QRPME.COM> has something for circuit
>>> boards for surface mount parts. I recived some cool stuff
>>> from them for this for chirstmas last year. 73
>>>
>>> On Tue, Nov 5, 2013 at 5:39 PM, Dale Parfitt
>>> <parinc1@... <mailto:parinc1@...>> wrote:
>>>
>>> Has everyone who wanted a kit now placed their order? If
>>> so, I'll set the "production line" on another bench for
>>> now. All orders have been filled.
>>> On the subject of manually building with surface mount-
>>> I think there is a lot of information on the WEB already
>>> . If anyone wants to know the procedures I use, I'll
>>> detail it here on the group. No magic, but results in a
>>> nice looking board. Perhaps others can chime in with
>>> their own SMD techniques.
>>> Dale W4OP
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>>>
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>> Version: 2014.0.4158 / Virus Database: 3615/6803 - Release
>> Date: 11/02/13
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> Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date:
> 11/02/13
>
>

2089. Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-06 06:18:51 UTC
From: Dale Parfitt
Topic: 2079 Message: 2089

I think I bought this from eBay- in the business/industrial section.

Is anyone on 185? I have been looking at various freqs on the Lowfer list but no joy as of yet.

Dale
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 06, 2013 12:48 AM
Subject: Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE

Hey Dale ,

Where do you get that solder ? I would like to have some smaller diameter on hand too .

I use a 15 watt Radio Shack iron and Radio Shack .022 " solder , 64-013 , Rosin Core , Silver-Bearing solder , mix : 62/36/2 It flows very nicely .

I have it in my reorder cart right now on RS web site . No stores around me so I have to order even Radio Shack stuff , so an even smaller diameter solder would be handy and ordering it is "normal" for me .

Charlie

On 11/5/2013 10:50 PM, Dale Parfitt wrote:

☐

Hi Mike,
It is all surface mount- 0805 size. Only a dozen or so parts though. I use a Hakko solder station with their pointed tip and 0.015" solder, good tweezers and an illuminated flourescent magnifier.

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 05, 2013 8:09 PM
Subject: Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE

Thanks Dale. What level skill (soldering) is involved with this kit?

Sent from my iPhone

On Nov 5, 2013, at 19:40, "Dale Parfitt" <parinc1@...> wrote:

☐

As is, the X1M does not have AGC. The kit is to add audio derived AGC to the X1M. See the manual in the files section under W4OP

Dale W4OP

----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Cc: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 05, 2013 7:09 PM
Subject: Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE

I'm lost. I apologize for coming in the end of the conversation. But, I just became a member of the group.
What are the kits for?

Sent from my iPhone

On Nov 5, 2013, at 18:53, M_AND_R_SHAREF <msharef@dishmail.net> wrote:

QRPME.COM has something for circuit boards for surface mount parts. I recived some cool stuff from them for this for chirstmas last year. 73

On Tue, Nov 5, 2013 at 5:39 PM, Dale Parfitt <parinc1@...> wrote:

Has everyone who wanted a kit now placed their order? If so, I'll set the "production line" on another bench for now. All orders have been filled.

On the subject of manually building with surface mount- I think there is a lot of information on the WEB already . If anyone wants to know the procedures I use, I'll detail it here on the group. No magic, but results in a nice looking board. Perhaps others can chime in with their own SMD techniques.

Dale W4OP

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Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2090. Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-06 07:24:37 UTC
From: Charlie , W5COV
Topic: 2079 Message: 2090

I think maybe Paul WMS in Arkansas is on . Looks like a lot of guys are switching frequencies during the week and using 185.3 primarily on weekends . I "think" you will be able to hear me once I get mine back on . Maybe not every night , but most nights now since fall is in full force here right now dropping the leaves from the trees and also the sap is going down so they should so less absorption . There is a part 5 station in Colorado running I think 100 watts on at certain times in the part 15 lowfer section of the band . He makes announcements on the lowfer list , but I haven't figured out a consistent pattern for him yet .

Charlie

On 11/6/2013 12:18 AM, Dale Parfitt wrote:
>
> □
>
> I think I bought this from eBay- in the business/industrial section.
> Is anyone on 185? I have been looking at various freqs on the
> Lowfer list but no joy as of yet.
> Dale
>
> ----- Original Message -----
> *From:* Charlie , W5COV <mailto:cvest@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Wednesday, November 06, 2013 12:48 AM
> *Subject:* Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE
>
> Hey Dale ,
>
> Where do you get that solder ? I would like to have some smaller
> diameter on hand too .
>
> I use a 15 watt Radio Shack iron and Radio Shack .022 " solder ,
> 64-013 , Rosin Core , Silver-Bearing solder , mix : 62/36/2 It
> flows very nicely .
>
> I have it in my reorder cart right now on RS web site . No stores
> around me so I have to order even Radio Shack stuff , so an even
> smaller diameter solder would be handy and ordering it is "normal"
> for me .
>
> Charlie
>
> On 11/5/2013 10:50 PM, Dale Parfitt wrote:

>>
>> □
>>
>> Hi Mike,
>> It is all surface mount- 0805 size. Only a dozen or so parts
>> though. I use a Hakko solder station with their pointed tip and
>> 0.015" solder, good tweezers and an illuminated flourescent
>> magnifier.
>> Dale W4OP
>>
>> ----- Original Message -----
>> *From:* mikejmardis@... <mailto:mikejmardis@...>
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>> *Sent:* Tuesday, November 05, 2013 8:09 PM
>> *Subject:* Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE
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>> Thanks Dale. What level skill (soldering) is involved with
>> this kit?
>>
>> Sent from my iPhone
>>
>> On Nov 5, 2013, at 19:40, "Dale Parfitt"
>> <parinc1@... <mailto:parinc1@...>> wrote:
>>
>>> □
>>>
>>> As is, the X1M does not have AGC. The kit is to add audio
>>> derived AGC to the X1M. See the manual in the files section
>>> under W4OP
>>> Dale W4OP
>>>
>>> ----- Original Message -----
>>> *From:* mikejmardis@... <mailto:mikejmardis@...>
>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>>> *Cc:* X1M_QRP-Transceiver@yahoogroups.com
>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>>> *Sent:* Tuesday, November 05, 2013 7:09 PM
>>> *Subject:* Re: [X1M_QRP-Transceiver] X1M AGC KITS UPDATE
>>>
>>> I'm lost. I apologize for coming in the end of the
>>> conversation. But, I just became a member of the group.
>>> What are the kits for?
>>>
>>> Sent from my iPhone
>>>
>>> On Nov 5, 2013, at 18:53, M_AND_R_SHAREF
>>> <msharef@... <mailto:msharef@...>> wrote:

>>>
>>>> QRPME.COM <http://QRPME.COM> has something for circuit
>>>> boards for surface mount parts. I recived some cool
>>>> stuff from them for this for chirstmas last year. 73
>>>>
>>>> On Tue, Nov 5, 2013 at 5:39 PM, Dale Parfitt
>>>> <parinc1@... <mailto:parinc1@...>> wrote:
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>>>> Has everyone who wanted a kit now placed their
>>>> order? If so, I'll set the "production line" on
>>>> another bench for now. All orders have been filled.
>>>> On the subject of manually building with surface
>>>> mount- I think there is a lot of information on the
>>>> WEB already . If anyone wants to know the
>>>> procedures I use, I'll detail it here on the group.
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>>>> Perhaps others can chime in with their own SMD
>>>> techniques.
>>>> Dale W4OP
>>>>
>>>>
>>> No virus found in this message.
>>> Checked by AVG - www.avg.com <http://www.avg.com>
>>> Version: 2014.0.4158 / Virus Database: 3615/6803 -
>>> Release Date: 11/02/13
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>> Date: 11/02/13
>>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date:
> 11/02/13
>
>

2091. RE: RE: X1M Tilt Foot and Other Mechanical Changes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-06 19:14:56 UTC
From: <ip_56@...>
Topic: 1956 Message: 2091

Hello,

look there

http://www.newark.com/okw-enclosures/a9257209/feet-black-set4/dp/71C9784?Ntt=A9257209

Ingo DL3HQN

---In X1M_QRP-Transceiver@yahoogroups.com, <deadgoose@...> wrote:

There was something about them being out of them..

73 /paul W3FIS

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Hi Paul,
I can look it up again, but search Posts here for tilt and you will find the eBay link I posted a couple of weeks ago.

Dale W4OP
----- Original Message -----
From: Paul W. Ross
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 05, 2013 8:06 AM
Subject: [X1M_QRP-Transceiver] Re: X1M Tilt Foot and Other Mechanical Changes

Is there a good source for the tilt feet???

I want to use them on both my X1M and a KN-Q7A.

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2092. Re: [X1M_QRP-Transceiver] RE: RE: X1M Tilt Foot and Other Mechanical Changes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-06 21:04:28 UTC
From: Dale Parfitt
Topic: 1956 Message: 2092

Even better- a constant source- thanks Ingo.

Dale W4OP
----- Original Message -----
From: ip_56@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 06, 2013 2:14 PM
Subject: [X1M_QRP-Transceiver] RE: RE: X1M Tilt Foot and Other Mechanical Changes

Hello,

look there

http://www.newark.com/okw-enclosures/a9257209/feet-black-set4/dp/71C9784?Ntt=A9257209

Ingo DL3HQN

---In X1M_QRP-Transceiver@yahoogroups.com, <deadgoose@...> wrote:

There was something about them being out of them..

73 /paul W3FIS

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Hi Paul,
I can look it up again, but search Posts here for tilt and you will find the eBay link I posted a couple of weeks ago.

Dale W4OP
----- Original Message -----
From: Paul W. Ross
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 05, 2013 8:06 AM
Subject: [X1M_QRP-Transceiver] Re: X1M Tilt Foot and Other Mechanical Changes

Is there a good source for the tilt feet???

I want to use them on both my X1M and a KN-Q7A.

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2093. RE: X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 00:44:49 UTC
From: <kd4hjt@...>
Topic: 2079 Message: 2093

Dale,
Recieved my kit yesterday, Thank You for that. Put it together tonight and now know for sure my eye's are not in shape for that kind of assembly any longer. The circuit works great Dale and the radio is so much more pleasant to listen to. Thank you so much for designing and making it available to the group.

Regards,

Ray...KD4HJT

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Has everyone who wanted a kit now placed their order? If so, I'll set the "production line" on another bench for now. All orders have been filled.

On the subject of manually building with surface mount- I think there is a lot of information on the WEB already . If anyone wants to know the procedures I use, I'll detail it here on the group. No magic, but results in a nice looking board. Perhaps others can chime in with their own SMD techniques.

Dale W4OP

2094. Re: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 00:52:26 UTC
From: Dale Parfitt
Topic: 2079 Message: 2094

Fantastic Ray- yours is the first feedback I have had.
If you run the X1M w/o the preamp on 80 and 40M the AGC will respond less to static crashes and other impulses- and of course the rig is less prone to front end overload w/o the preamp. Congrats on getting her together. Any advice to offer other builders?

Dale W4OP

----- Original Message -----
From: kd4hjt@ymail.com
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 06, 2013 7:44 PM
Subject: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

Dale,

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Regards,

Ray...KD4HJT

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Dale W4OP

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Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2095. RE: Re: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 01:33:51 UTC
From: <kd4hjt@...>
Topic: 2079 Message: 2095

Very large magnifying glass.
Actually I followed you instructions to the T and everything fit perfectly. The 10 meg R4 option which I went with is very very smooth but a little slow to recover from transmit but I can deal with that as it sounds great. A pleasure to use headphones with it now.

Ray

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

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From: kd4hjt@... mailto:kd4hjt@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 06, 2013 7:44 PM
Subject: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

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Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2096. Re: Re: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 01:54:54 UTC
From: Dale Parfitt
Topic: 2079 Message: 2096

Agreed on the headphones. You could try tacking the 1M on top of the 10M and see if you like that better.

For others who are about to start- refer often to the photo of the populated board to see what goes where, in addition to the silk screen. A nice sharp Exacto knife will aid in removing the film from the SMD packaging and also to hold the part while soldering- although I prefer a pair of tweezers. I secure the PCB in a vice intended for the purpose- you really don't want the board able to move around. I also place a sheet of white paper towel below the vice. If a part gets away from you it will land on the paper towel and will not bounce onto the floor.

I tin one end of the SMD part and solder that end first. If it is not square to the board you can use the tweezers to reposition the part as you reheat that end.

Often not discussed is tombstoning of SMD parts. Briefly, this refers to the part not sitting flush with the board. So, once you have the first end tacked down- look at the board from a side view. If the part is not flush, put your index fingernail on the part and reheat- you'll feel the part move toward the board and sit flat.
See:

http://www.indium.com/_images/0701/tombstone_copy.jpg

Dale W4OP

From: kd4hjt@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 06, 2013 8:33 PM
Subject: RE: Re: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

Very large magnifying glass.

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Ray

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Subject: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

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Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2097. RE: Re: Re: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 02:38:40 UTC
From: <kd4hjt@...>
Topic: 2079 Message: 2097

I might try that later if it becomes an issue for me but right now it's just sounds soooo good.
Spot on technique Dale. I added a tad more solder to one pad of each component then tacked it. Same results.

Ray...KD4HJT

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From: kd4hjt@... mailto:kd4hjt@...
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Sent: Wednesday, November 06, 2013 8:33 PM
Subject: RE: Re: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

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Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2098. [X1M_QRP-Transceiver] RE: X1M AGC KITS MANUAL UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 02:47:58 UTC
From: Dale Parfitt
Topic: 2098 Message: 2098

Spot on Ray- I have done it that way also.

I just added another page to the build manual in the Files section. Page 7 is a hi res photo of the finished board. I also added highlights to show the orientation of the MC1350 and D1 to make their placement more obvious.

73,

Dale W4OP

----- Original Message -----
From: kd4hjt@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 06, 2013 9:38 PM
Subject: RE: Re: Re: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

I might try that later if it becomes an issue for me but right now it's just sounds soooo good.

Spot on technique Dale. I added a tad more solder to one pad of each component then tacked it. Same results.

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Dale W4OP

From: kd4hjt@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 06, 2013 8:33 PM
Subject: RE: Re: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

Very large magnifying glass.

Actually I followed you instructions to the T and everything fit perfectly. The 10 meg R4 option which I went with is very very smooth but a little slow to recover from transmit but I can deal with that as it sounds great. A pleasure to use headphones with it now.

Ray

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To: X1M_QRP-Transceiver@...m
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Subject: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

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2099. RE: [X1M_QRP-Transceiver] RE: X1M AGC KITS MANUAL UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 05:13:34 UTC
From: <kd4hjt@...>
Topic: 2098 Message: 2099

Maybe you took that the wrong way Dale. I was giving you credit for a good process. Sorry if I made you think differently.

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Spot on Ray- I have done it that way also.

I just added another page to the build manual in the Files section. Page 7 is a hi res photo of the finished board. I also added highlights to show the orientation of the MC1350 and D1 to make their placement more obvious.

73,

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From: kd4hjt@... mailto:kd4hjt@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 06, 2013 9:38 PM
Subject: RE: Re: Re: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

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Dale W4OP

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2100. RE: [X1M_QRP-Transceiver] RE: X1M AGC KITS MANUAL UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 11:11:50 UTC
From: <kd4hjt@...>
Topic: 2098 Message: 2100

Dale,
Is the decay time proportional to the value of R4 or is it either fast or slow? Say I put a 5meg in there should it be half the time as the 10meg?

Ray...KD4HJT

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Spot on Ray- I have done it that way also.

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Dale W4OP

----- Original Message -----
From: kd4hjt@... mailto:kd4hjt@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 06, 2013 7:44 PM
Subject: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

Dale,
Recieved my kit yesterday, Thank You for that. Put it together tonight and now know for sure my eye's are not in shape for that kind of assembly any longer. The circuit works great Dale and the radio is so much more pleasant to listen to. Thank you so much for designing and making it available to the group.

Regards,

Ray...KD4HJT

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Has everyone who wanted a kit now placed their order? If so, I'll set the "production line" on another bench for now. All orders have been filled.

On the subject of manually building with surface mount- I think there is a lot of information on the WEB already . If anyone wants to know the procedures I use, I'll detail it here on the group. No magic, but results in a nice looking board. Perhaps others can chime in with their own SMD techniques.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

No virus found in this message.
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Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2101. Re: [X1M_QRP-Transceiver] RE: X1M AGC KITS MANUAL UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 13:51:34 UTC
From: Dale Parfitt
Topic: 2098 Message: 2101

That is correct- a 4.7M might be a nice compromise.

Dale W4OP
----- Original Message -----
From: kd4hjt@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, November 07, 2013 6:11 AM
Subject: RE: [X1M_QRP-Transceiver] RE: X1M AGC KITS MANUAL UPDATE

Dale,

Is the decay time proportional to the value of R4 or is it either fast or slow? Say I put a 5meg in there should it be half the time as the 10meg?

Ray...KD4HJT

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Spot on Ray- I have done it that way also.

I just added another page to the build manual in the Files section. Page 7 is a hi res photo of the finished board. I also added highlights to show the orientation of the MC1350 and D1 to make their placement more obvious.

73,

Dale W4OP

----- Original Message -----
From: kd4hjt@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 06, 2013 9:38 PM
Subject: RE: Re: Re: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

I might try that later if it becomes an issue for me but right now it's just sounds soooo good.

Spot on technique Dale. I added a tad more solder to one pad of each component then tacked it. Same results.

Ray...KD4HJT

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Agreed on the headphones. You could try tacking the 1M on top of the 10M and see if you like that better.

For others who are about to start- refer often to the photo of the populated board to see what goes where, in addition to the silk screen. A nice sharp Exacto knife will aid in removing the film from the SMD packaging and also to hold the part while soldering- although I prefer a pair of tweezers. I secure the PCB in a vice intended for the purpose- you really don't want the board able to move around. I also place a sheet of white paper towel below the vice. If a part gets away from you it will land on the paper towel and will not bounce onto the floor.

I tin one end of the SMD part and solder that end first. If it is not square to the board you can use the tweezers to reposition the part as you reheat that end.

Often not discussed is tombstoning of SMD parts. Briefly, this refers to the part not sitting flush with the board. So, once you have the first end tacked down- look at the board from a side view. If the part is not flush, put your index fingernail on the part and reheat- you'll feel the part move toward the board and sit flat.
See:

http://www.indium.com/_images/0701/tombstone_copy.jpg

Dale W4OP

From: kd4hjt@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 06, 2013 8:33 PM
Subject: RE: Re: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

Very large magnifying glass.

Actually I followed you instructions to the T and everything fit perfectly. The 10 meg R4 option which I went with is very very smooth but a little slow to recover from transmit but I can deal with that as it sounds great. A pleasure to use headphones with it now.

Ray

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Fantastic Ray- yours is the first feedback I have had.
If you run the X1M w/o the preamp on 80 and 40M the AGC will respond less to static crashes and other impulses- and of course the rig is less prone to front end overload w/o the preamp. Congrats on getting her together. Any advice to offer other builders?

Dale W4OP

----- Original Message -----
From: kd4hjt@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 06, 2013 7:44 PM
Subject: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

Dale,

Recieved my kit yesterday, Thank You for that. Put it together tonight and now know for sure my eye's are not in shape for that kind of assembly any longer. The circuit works

great Dale and the radio is so much more pleasant to listen to. Thank you so much for designing and making it available to the group.

Regards,

Ray...KD4HJT

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Has everyone who wanted a kit now placed their order? If so, I'll set the "production line" on another bench for now. All orders have been filled.

On the subject of manually building with surface mount- I think there is a lot of information on the WEB already . If anyone wants to know the procedures I use, I'll detail it here on the group. No magic, but results in a nice looking board. Perhaps others can chime in with their own SMD techniques.

Dale W4OP
No virus found in this message.
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Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

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Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2102. RE: X1M AGC KITS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 15:26:34 UTC
From: <mikejmardis@...>
Topic: 2065 Message: 2102

Dale, where do I go or how do I order the agc kit?

2103. Re: [X1M_QRP-Transceiver] RE: X1M AGC KITS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 15:31:35 UTC
From: Dale Parfitt
Topic: 2065 Message: 2103

Send $11 if CONUS or $13 International to parinc1@... using PayPal. Be sure to tell us what you are ordering and make sure a USPS address is included with the payment. Only 5 kits left.

Thanks,
Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, November 07, 2013 10:26 AM
Subject: [X1M_QRP-Transceiver] RE: X1M AGC KITS

Dale, where do I go or how do I order the agc kit?

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2104. RE: Re: [X1M_QRP-Transceiver] RE: X1M AGC KITS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 15:33:37 UTC
From: <mikejmardis@...>
Topic: 2065 Message: 2104

The email was truncated. I'm mikejmardis at A O L dot com

2105. Re: [X1M_QRP-Transceiver] RE: X1M AGC KITS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 15:40:44 UTC
From: mikejmardis@...
Topic: 2065 Message: 2105

Done! Thank you

Sent from my iPhone

> On Nov 7, 2013, at 10:31, "Dale Parfitt" <parinc1@...> wrote:
>
> □
>
> Send $11 if CONUS or $13 International to parinc1@... using PayPal. Be sure to tell us what you are ordering and make sure a USPS address is included with the payment. Only 5 kits left.
>
> Thanks,
> Dale W4OP
> ----- Original Message -----
> From: mikejmardis@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Thursday, November 07, 2013 10:26 AM
> Subject: [X1M_QRP-Transceiver] RE: X1M AGC KITS
>
>
> Dale, where do I go or how do I order the agc kit?
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13
>
>

2106. Used X1M wanted

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 15:30:49 UTC
From: <mikejmardis@...>
Topic: 2106 Message: 2106

Anybody interested in selling their X1M?

2107. Re: [X1M_QRP-Transceiver] Used X1M wanted

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 16:31:21 UTC
From: Keith Heimbold
Topic: 2106 Message: 2107

I have an original one and I am out of work right now and liquidating my extra equipment. Works good. Microphone connector needs to be resoldered. $225 plus shipping.

Keith
AK6ZZ

Sent from my iPhone please excuse typos

> On Nov 7, 2013, at 8:21 AM, mikejmardis@aol.com wrote:
>
> Anybody interested in selling their X1M?
>
>

2108. Re: [X1M_QRP-Transceiver] RE: X1M AGC KITS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 17:34:22 UTC
From: Charlie , W5COV
Topic: 2065 Message: 2108

Dales e-mail address for the few remaining AGC kits is parinc1 (AT) frontier.com

Charlie , W5COV

On 11/7/2013 9:33 AM, mikejmardis@... wrote:
>
> The email was truncated. I'm mikejmardis at A O L dot com
>
>

2109. RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 19:08:53 UTC
From: <lphebus@...>
Topic: 1304 Message: 2109

A quick question on the "increased RX gain mod". I conclude from looking at the schematic, that this mod also increases the audio level at the headphone jack. I'm pretty sure this is the case, but thought I would ask just to be certain.

I use the headphone output for digital modes, so I will need additional attenuation iif there is an increase. Thanks...

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Thanks for understanding Keith. I am a competitive distance runner- all my life. So I know the time that training takes.

Dale W4OP

----- Original Message -----
From: Keith Heimbold mailto:ag6az@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Cc: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, September 18, 2013 2:35 PM
Subject: Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

No problem. Dale. I understand. I have my own company too and between family, triathlon training and business there is not a lot of ham radio time.

Let me know once you figure this out and you have some bandwidth.

73 & Thanks,

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Sep 18, 2013, at 11:20 AM, "Dale Parfitt" <parinc1@... mailto:parinc1@...> wrote:

☐
Let's wait and see how this turns out first. I am working 80+ hour weeks with my own company- so spare time is always short.

Dale W4OP
----- Original Message -----
From: Keith Heimbold mailto:ag6az@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Cc: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, September 18, 2013 10:50 AM
Subject: Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Hi Dale,

Once you figure out the 1350 AGC mod would you be willing to do the mods on the units for hire. I am not a great technician but would like to get my X1M working as well as possible. I have an older model not the pro.

Thanks & 73,

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Sep 17, 2013, at 1:29 PM, "Dale Parfitt" <parinc1@... mailto:parinc1@...> wrote:

☐
I have been very busy here, but now that we have sufficient system gain, I have laid out an AGC circuit that should be easy to implement. Once finalized, I'll make up 30 or so SMD boards- about half the size of a postage stamp. Only 4 connections- +12, GND, AF in and AGC control voltage to the MC1350.
So let's hope the ckt performs as expected.

Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@... mailto:andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, September 17, 2013 4:19 PM
Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain

Can recommend the mod to every user of this little gem. Makes the rig much more usable.

Andy DC3AFA

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6673 - Release Date: 09/17/13

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6677 - Release Date: 09/18/13

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6678 - Release Date: 09/18/13

2110. Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 19:28:36 UTC
From: Dale Parfitt
Topic: 1304 Message: 2110

It increases the audio gain by 12dB.

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, November 07, 2013 2:08 PM
Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain

A quick question on the "increased RX gain mod". I conclude from looking at the schematic, that this mod also increases the audio level at the headphone jack. I'm pretty sure this is the case, but thought I would ask just to be certain.

I use the headphone output for digital modes, so I will need additional attenuation iif there is an increase. Thanks...

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

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Thanks for understanding Keith. I am a competitive distance runner- all my life. So I know the time that training takes.

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On Sep 18, 2013, at 11:20 AM, "Dale Parfitt" <parinc1@...> wrote:

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Sent: Wednesday, September 18, 2013 10:50 AM
Subject: Re: [X1M_QRP-Transceiver] RE: Increased RX Gain

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Thanks & 73,

Keith
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I have been very busy here, but now that we have sufficient system gain, I have laid out an AGC circuit that should be easy to implement. Once finalized, I'll make up 30 or so SMD boards- about half the size of a postage stamp. Only 4 connections- +12, GND, AF in and AGC control voltage to the MC1350.
So let's hope the ckt performs as expected.

Dale W4OP

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To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, September 17, 2013 4:19 PM
Subject: [X1M_QRP-Transceiver] RE: Increased RX Gain

Can recommend the mod to every user of this little gem. Makes the rig much more usable.

Andy DC3AFA

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Version: 2013.0.3408 / Virus Database: 3222/6678 - Release Date: 09/18/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2111. Re: [X1M_QRP-Transceiver] Used X1M wanted

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 20:27:33 UTC
From: mikejmardis@...
Topic: 2106 Message: 2111

Disregard this thread. I pulled the trigger on a new one.

Sent from my iPhone

> On Nov 7, 2013, at 11:31, Keith Heimbold <ag6az@...> wrote:
>
> I have an original one and I am out of work right now and liquidating my extra equipment. Works good. Microphone connector needs to be resoldered. $225 plus shipping.
>
> Keith
> AK6ZZ
>
> Sent from my iPhone please excuse typos
>
>> On Nov 7, 2013, at 8:21 AM, mikejmardis@... wrote:
>>
>>
>> Anybody interested in selling their X1M?
>>
>
>

2112. RE: RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 20:44:57 UTC
From: <lphebus@...>
Topic: 1311 Message: 2112

Dale, Have you seen my TX audio spectrum graphs in the photo album " USB and LSB on an SDR"?

The RX graph was generated as you suggested, and you commented on it back in Sept. It shows shows graphically what we all hear with our ears, the RX SSB audio is very nice on the X1M!

I also posted (somewhat later) a TX SSB filtering graph. To generate it, I used an audio frequency signal generator that puts out a constant amplitude signal (mVrms). I ran the X1M into a 50 ohm dummy load and put an oscilloscope on the output. From the Vrms of the output and the 50 ohm load, I calculated Watts output. First I adjusted the audio drive so that at peak frequency, the output was about 5 Watts (for the X1M it was about 1200 Hz). Then keeping this audio drive amplitude constant, I measured the Watts output at 100 Hz steps. I ran 3 separate curves which were averaged for each sideband. They were very similar.

I also generated a similar graph for my MST-40 QRP transceiver (LSB only) for comparison.

I have been getting signal reports saying that my X1M audio is weak and lacks higher frequencies. That fits well with the TX SSB filter graphs described above. After all this explanation, my question is "How do these data fit with your impression/tests?" (you mentioned you were going to run a TX filter test a while ago)... and "Do you think this is something that can be adjusted in the software or is it more likely a property of the hardware filter?" Sorry for the long message. Any opinions welcome!

---In X1M_QRP-Transceiver@yahoogroups.com, <lphebus@...> wrote:

Dale, the most complete and current set of pictures are in the "photos" section. I accidentally started my posts in the files section and had difficulty deleting them. The images in the "photos" section are what you re looking for.

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

ï»¿ Got it Lee- that's what I was missing- that you had posted pix in the Files section. Thank you,

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 09, 2013 10:31 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Dale, in the "photos" section there is an album titled "USB and LSB on an SDR". In it are 3 images of the X1M side bands as seen on a SDR waterfall...

X1M = the radio as received from the vendor
X1M after by ear alignment = after the youtube video alignment method

X1M aligned according to manual = balanced by ear then fine tuned using ARGO software
See the original post in this thread for details...

Also, take a look at the RX side bands graph!

I hope I have answered the question you were asking ;-)

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Ã¯Â»Â¿ I guess what I am looking for is the picture you mentioned that you added of the sidebands after alignment.

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 09, 2013 9:50 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Yes, it is the one titled "X1M PRO - Alignment Procedure (LSB Fix) dated 9/2/13. Is there a better / newer one?

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

ÃÂ¯ÃÂ»ÃÂ¿ That link brought up the original video by VK3TWO- is that what you intended?

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, September 08, 2013 3:56 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

I added a picture of the sidebands after a "by ear" alignment as described by VK3TWO

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...& gt; wrote:

I just un-boxed my X1M Platinum. I ran the TX into a dummy load and turned on my SoftRock Ensemble II SDR. There is enough RF despite the dummy load to register on the SDR, which is about 1 foot away. As you can see in the photos section, the sidebands of the X1M need some adjusting, The USB bleeds into the LSB and the LSB is weaker than the USB (all done at 7.280MHz). I'm sure this will be worked out in the adjustments I plan to perform. Also, the

bandwidth of the SSB signal is well shy of the standard 2.7kHz. I suspect this is a limitation of the mike, which I suspect is the weakest link in the X1M rig. Just for reference, I added a similar test using an ICOM 7000 running 5W output and a MST400 kit LSB 40M transceiver (www.ozQRP.com) I built. I alternated LSB and USB for the X1M and the ICOM. The MST is only LSB. I used a Diamond SX-200 meter set at 5W full scale to run all t hree transceivers at about 2W peak (by eyeball).

Lee

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6649 - Release Date: 09/09/13

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6651 - Release Date: 09/09/13

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6651 - Release Date: 09/09/13

2113. Re: [X1M_QRP-Transceiver] RE: RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 21:24:59 UTC
From: Bastress, David G
Topic: 1311 Message: 2113

GA Lee,

I don't have a pony in this race, but from looking at the two graphs you mentioned, the RX bandwidth looks considerably wider than the TX bandwidth your graph shows. Your TX bandwidth is a function of not only the crystal filter bandwidth of the rig but also any audio shaping or response issues in the TX audio chain and the exact placement of your BFO frequencies relative to the sides of the crystal filter. Maybe changing your BFO frequency settings might help a little with your audio bandwidth, etc. FWIW.

Dave K3GAU

On Thu, Nov 7, 2013 at 3:44 PM, <lphebus@...> wrote:

>
>
> Dale, Have you seen my TX audio spectrum graphs in the photo album " USB
> and LSB on an SDR"?
>
>
> The RX graph was generated as you suggested, and you commented on it back
> in Sept. It shows shows graphically what we all hear with our ears, the RX
> SSB audio is very nice on the X1M!
>
>
> I also posted (somewhat later) a TX SSB filtering graph. To generate it,
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> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Monday, September 09, 2013 10:31 PM
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> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Sunday, September 08, 2013 3:56 PM
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2114. Re: [X1M_QRP-Transceiver] RE: RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 21:41:31 UTC
From: Dale Parfitt
Topic: 1311 Message: 2114

Hi Lee,
Yes, I have seen your graphs- very nice. I have not had any tme to do anything with my spectrum analyzer to date. Just way too much going on.
I don't believe there is anything in firmware that will alter the SSB TX response (other than perhpas moving the carrier insertion point) - it's all hardware driven. I have received reports from locals saying the audio is restricted in both highs and lows and assumed it was:
1. The microphone
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I have no idea whether the manufacturers are trying to match xtals for the filter. It does sound awfully good on RX.
I would like to look into this more, but am awfully busy at this time. Seems a lot of companies have spare budget money and want to spend it on RF filters before year's end.

Dale W4OP

----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, November 07, 2013 3:44 PM
Subject: [X1M_QRP-Transceiver] RE: RE: Sidebands on SDR

Dale, Have you seen my TX audio spectrum graphs in the photo album " USB and LSB on an SDR"?

The RX graph was generated as you suggested, and you commented on it back in Sept. It shows shows graphically what we all hear with our ears, the RX SSB audio is very nice on the X1M!

I also posted (somewhat later) a TX SSB filtering graph. To generate it, I used an audio frequency signal generator that puts out a constant amplitude signal (mVrms). I ran the X1M into a 50 ohm dummy load and put an oscilloscope on the output. From the Vrms of the output and the 50 ohm load, I calculated Watts output. First I adjusted the audio drive so that at peak frequency, the output was about 5 Watts (for the X1M it was about 1200 Hz). Then keeping this audio drive amplitude constant, I measured the Watts output at 100 Hz steps. I ran 3 separate curves which were averaged for each sideband. They were very similar.

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See the original post in this thread for details...

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To: X1M_QRP-Transceiver@yahoogroups.com
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Lee

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Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2115. Mic suggestions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 22:28:17 UTC
From: <mikejmardis@...>
Topic: 2115 Message: 2115

Just purchased a new X1M. Has anyone played around with different mic's? Any suggestions?

2116. RE: Re: [X1M_QRP-Transceiver] RE: RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 23:09:27 UTC
From: <lphebus@...>
Topic: 1311 Message: 2116

Not a bad problem to have ;-)

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Hi Lee,
Yes, I have seen your graphs- very nice. I have not had any tme to do anything with my spectrum analyzer to date. Just way too much going on.
I don't believe there is anything in firmware that will alter the SSB TX response (other than perhpas moving the carrier insertion point) - it's all hardware driven. I have received reports from locals saying the audio is restricted in both highs and lows and assumed it was:
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I would like to look into this more, but am awfully busy at this time. Seems a lot of companies have spare budget money and want to spend it on RF filters before year's end.

Dale W4OP

----- Original Message -----
From: lphebus@... mailto:lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, November 07, 2013 3:44 PM
Subject: [X1M_QRP-Transceiver] RE: RE: Sidebands on SDR

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The RX graph was generated as you suggested, and you commented on it back in Sept. It shows shows graphically what we all hear with our ears, the RX SSB audio is very nice on the X1M!

I also posted (somewhat later) a TX SSB filtering graph. To generate it, I used an audio frequency signal generator that puts out a constant amplitude signal (mVrms). I ran the X1M into a 50 ohm dummy load and put an oscilloscope on the output. From the Vrms of the output and the 50 ohm load, I calculated Watts output. First I adjusted the audio drive so that at peak frequency, the output was about 5 Watts (for the X1M it was about 1200 Hz). Then keeping this audio drive amplitude constant, I measured the Watts output at 100 Hz steps. I ran 3 separate curves which were averaged for each sideband. They were very similar.

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To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 09, 2013 10:31 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

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X1M = the radio as received from the vendor
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See the original post in this thread for details...

Also, take a look at the RX side bands graph!

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Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2117. RE: X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 23:45:10 UTC
From: <r-mason@...>
Topic: 2079 Message: 2117

Hi Dale,
Nice little kit. Did I mention that it is little? Besides the usual small iron tip and fine solder, the two tools that enable me to work with surface mount parts are a good magnifier (I use the OptiVisor, head band style) and a holding jig that was the subject of an article in QST, July 2000. I was published again in the book 'More QRP Power'. The jig has a movable arm that is spring loaded to hold the tiny parts in place on the circuit board while leaving both hands free to solder. The swivel/slide action of the arm allows it to reach any part of even a fairly large circuit board. Mine is made from junk box scraps and doesn't look as nice as the one in the magazine, but functions just as well. I put several photos in the Photos section of the Yahoo Group.

Thanks for your help.
Roger N4HSI

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Has everyone who wanted a kit now placed their order? If so, I'll set the "production line" on another bench for now. All orders have been filled.

On the subject of manually building with surface mount- I think there is a lot of information on the WEB already . If anyone wants to know the procedures I use, I'll detail it here on the group. No magic, but results in a nice looking board. Perhaps others can chime in with their own SMD techniques.

Dale W4OP

2118. Re: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-07 23:52:15 UTC
From: Dale Parfitt
Topic: 2079 Message: 2118

Well sure- if you want to make it easy!
Very nice jig Roger. Have you finished the board and any results yet?

Dale W4OP

----- Original Message -----
From: r-mason@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, November 07, 2013 6:45 PM
Subject: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

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2119. RE: RE: Re: [X1M_QRP-Transceiver] RE: RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 00:23:24 UTC
From: <mikejmardis@...>
Topic: 1311 Message: 2119

I don't have the kit, let alone the radio, yet. Both on order. I was reviewing the instructions and the last step is to adj the r1 pot for 4.7 volts. I'm not real exp with this stuff. I did do what for me was an excellent job building the pico keyer plus. What pins do I connect the volt meter to in order to measure this? Which is ground?

---In X1M_QRP-Transceiver@yahoogroups.com, <lphebus@...> wrote:

Not a bad problem to have ;-)

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

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---In X1M_QRP-Transceiver@yahoogroups.com, <lphebus@...> wrote:

Dale, the most complete and current set of pictures are in the "photos" section. I accidentally started my posts in the files section and had difficulty deleting them. The images in the "photos" section are what you re looking for.

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

ï»¿ Got it Lee- that's what I was missing- that you had posted pix in the Files section. Thank you,

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 09, 2013 10:31 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Dale, in the "photos" section there is an album titled "USB and LSB on an SDR". In it are 3 images of the X1M side bands as seen on a SDR waterfall...

X1M = the radio as received from the vendor
X1M after by ear alignment = after the youtube video alignment method
X1M aligned according to manual = balanced by ear then fine tuned using ARGO software
See the original post in this thread for details...

Also, take a look at the RX side bands graph!

I hope I have answered the question you were asking ;-)

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Ã¯Â»Â¿ I guess what I am looking for is the picture you mentioned that you added of the sidebands after alignment.

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 09, 2013 9:50 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Yes, it is the one titled "X1M PRO - Alignment Procedure (LSB Fix) dated 9/2/13. Is there a better / newer one?

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

Ã□Â¯Ã□Â»Ã□Â¿ That link brought up the original video by VK3TWO- is that what you intended?

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, September 08, 2013 3:56 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

I added a picture of the sidebands after a "by ear" alignment as described by VK3TWO

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...& gt; wrote:

I just un-boxed my X1M Platinum. I ran the TX into a dummy load and turned on my SoftRock Ensemble II SDR. There is enough RF despite the dummy load to register on the SDR, which is about 1 foot away. As you can see in the photos section, the sidebands of the X1M need some adjusting, The USB bleeds into the LSB and the LSB is weaker than the USB (all done at 7.280MHz). I'm sure this will be worked out in the adjustments I plan to perform. Also, the bandwidth of the SSB signal is well shy of the standard 2.7kHz. I suspect this is a limitation of the mike, which I suspect is the weakest link in the X1M rig. Just for reference, I added a similar test using an ICOM 7000 running 5W output and a MST400 kit LSB 40M transceiver (www.ozQRP.com) I built. I alternated LSB and USB for the X1M and the ICOM. The MST is only LSB. I used a Diamond SX-200 meter set at 5W full scale to run all t hree transceivers at about 2W peak (by eyeball).

Lee

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6649 - Release Date: 09/09/13

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No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2120. Re: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 01:12:28 UTC
From: r mason
Topic: 2079 Message: 2120

Not yet. I'm in much the same pickle as you.....an amazing stack of orders on the desk here to make and ship, so not much time for radio fun.
Roger N4HSI

On 11/7/2013 6:52 PM, Dale Parfitt wrote:
>
> □
>
> Well sure- if you want to make it easy!
> Very nice jig Roger. Have you finished the board and any results yet?
> Dale W4OP
>
> ----- Original Message -----
> *From:* r-mason@... <mailto:r-mason@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Thursday, November 07, 2013 6:45 PM
> *Subject:* [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE
>
> Hi Dale,
>
> Nice little kit. Did I mention that it is little? Besides the
> usual small iron tip and fine solder, the two tools that enable me
> to work with surface mount parts are a good magnifier (I use the
> OptiVisor, head band style) and a holding jig that was the subject
> of an article in QST, July 2000. I was published again in the book
> 'More QRP Power'. The jig has a movable arm that is spring loaded
> to hold the tiny parts in place on the circuit board while leaving
> both hands free to solder. The swivel/slide action of the arm
> allows it to reach any part of even a fairly large circuit board.
> Mine is made from junk box scraps and doesn't look as nice as the
> one in the magazine, but functions just as well. I put several
> photos in the Photos section of the Yahoo Group.
>
>
> Thanks for your help.
>
> Roger N4HSI
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:
>
> □

> Has everyone who wanted a kit now placed their order? If so, I'll
> set the "production line" on another bench for now. All orders
> have been filled.
> On the subject of manually building with surface mount- I think
> there is a lot of information on the WEB already . If anyone wants
> to know the procedures I use, I'll detail it here on the group. No
> magic, but results in a nice looking board. Perhaps others can
> chime in with their own SMD techniques.
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> 11/02/13
>
>

2121. Re: RE: Re: [X1M_QRP-Transceiver] RE: RE: Sidebands on SDR

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 01:19:20 UTC
From: Dale Parfitt
Topic: 1311 Message: 2121

There is only one ground. The manual explains to measure 4.17 VDC (not 4.7) between pin 5 of the MC1350 and ground.

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, November 07, 2013 7:23 PM
Subject: RE: RE: Re: [X1M_QRP-Transceiver] RE: RE: Sidebands on SDR

I don't have the kit, let alone the radio, yet. Both on order. I was reviewing the instructions and the last step is to adj the r1 pot for 4.7 volts. I'm not real exp with this stuff. I did do what for me was an excellent job building the pico keyer plus. What pins do I connect the volt meter to in order to measure this? Which is ground?

---In X1M_QRP-Transceiver@yahoogroups.com, <lphebus@...> wrote:

Not a bad problem to have ;-)

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐

Hi Lee,
Yes, I have seen your graphs- very nice. I have not had any tme to do anything with my spectrum analyzer to date. Just way too much going on.
I don't believe there is anything in firmware that will alter the SSB TX response (other than perhpas moving the carrier insertion point) - it's all hardware driven. I have received reports from locals saying the audio is restricted in both highs and lows and assumed it was:
1. The microphone
2. The shape of the crystal filter.
3. Carrier insertion point
I have no idea whether the manufacturers are trying to match xtals for the filter. It does sound awfully good on RX.
I would like to look into this more, but am awfully busy at this time. Seems a lot of companies have spare budget money and want to spend it on RF filters before year's end.

Dale W4OP

----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, November 07, 2013 3:44 PM
Subject: [X1M_QRP-Transceiver] RE: RE: Sidebands on SDR

Dale, Have you seen my TX audio spectrum graphs in the photo album " USB and LSB on an SDR"?

The RX graph was generated as you suggested, and you commented on it back in Sept. It shows shows graphically what we all hear with our ears, the RX SSB audio is very nice on the X1M!

I also posted (somewhat later) a TX SSB filtering graph. To generate it, I used an audio frequency signal generator that puts out a constant amplitude signal (mVrms). I ran the X1M into a 50 ohm dummy load and put an oscilloscope on the output. From the Vrms of the output and the 50 ohm load, I calculated Watts output. First I adjusted the audio drive so that at peak frequency, the output was about 5 Watts (for the X1M it was about 1200 Hz). Then keeping this audio drive amplitude constant, I measured the Watts output at 100 Hz steps. I ran 3 separate curves which were averaged for each sideband. They were very similar.

I also generated a similar graph for my MST-40 QRP transceiver (LSB only) for comparison.

I have been getting signal reports saying that my X1M audio is weak and lacks higher frequencies. That fits well with the TX SSB filter graphs described above. After all this explanation, my question is "How do these data fit with your impression/tests?" (you mentioned you were going to run a TX filter test a while ago)... and "Do you think this is something that can be adjusted in the software or is it more likely a property of the hardware filter?" Sorry for the long message. Any opinions welcome!

---In X1M_QRP-Transceiver@yahoogroups.com, <lphebus@...> wrote:

Dale, the most complete and current set of pictures are in the "photos" section. I accidentally started my posts in the files section and had difficulty deleting them. The images in the "photos" section are what you re looking for.

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

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Got it Lee- that's what I was missing- that you had posted pix in the Files section.
Thank you,

Dale W4OP
----- Original Message -----
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To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 09, 2013 10:31 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Dale, in the "photos" section there is an album titled "USB and LSB on an SDR". In it are 3 images of the X1M side bands as seen on a SDR waterfall...

X1M = the radio as received from the vendor

X1M after by ear alignment = after the youtube video alignment method

X1M aligned according to manual = balanced by ear then fine tuned using ARGO software

See the original post in this thread for details...

Also, take a look at the RX side bands graph!

I hope I have answered the question you were asking ;-)

Lee

--- In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

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I guess what I am looking for is the picture you mentioned that you added of the sidebands after alignment.

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----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, September 09, 2013 9:50 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

Yes, it is the one titled "X1M PRO - Alignment Procedure (LSB Fix) dated 9/2/13. Is there a better / newer one?

http://www.youtube.com/watch?v=EUO_AgRh7H4&feature=c4-overview&list=UUzLVwycdcUU_yJd8CavjBVg

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That link brought up the original video by VK3TWO- is that what you intended?

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, September 08, 2013 3:56 PM
Subject: [X1M_QRP-Transceiver] RE: Sidebands on SDR

I added a picture of the sidebands after a "by ear" alignment as described by VK3TWO

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Lee

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The MST is only LSB. I used a Diamond SX-200 meter set at 5W full scale to run all t hree transceivers at about 2W peak (by eyeball).

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Version: 2013.0.3392 / Virus Database: 3222/6649 - Release Date: 09/09/13

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Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2122. RE: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 02:05:43 UTC
From: Lee
Topic: 2079 Message: 2122

Very nice. I have to build one of these. No more burnt fingers.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of r-mason@...
Sent: Thursday, November 07, 2013 5:45 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

Hi Dale,

Nice little kit. Did I mention that it is little? Besides the usual small iron tip and fine solder, the two tools that enable me to work with surface mount parts are a good magnifier (I use the OptiVisor, head band style) and a holding jig that was the subject of an article in QST, July 2000. I was published again in the book 'More QRP Power'. The jig has a movable arm that is spring loaded to hold the tiny parts in place on the circuit board while leaving both hands free to solder. The swivel/slide action of the arm allows it to reach any part of even a fairly large circuit board. Mine is made from junk box scraps and doesn't look as nice as the one in the magazine, but functions just as well. I put several photos in the Photos section of the Yahoo Group.

Thanks for your help.

Roger N4HSI

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐

Has everyone who wanted a kit now placed their order? If so, I'll set the "production line" on another bench for now. All orders have been filled.

On the subject of manually building with surface mount- I think there is a lot of information on the WEB already . If anyone wants to know the procedures I use, I'll detail it here on the group. No magic, but results in a nice looking board. Perhaps others can chime in with their own SMD techniques.

Dale W4OP

2123. Re: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 02:52:00 UTC
From: r mason
Topic: 2079 Message: 2123

Hi Lee,
Thanks. And, my hands are not as steady as when I was younger, but the 'finger' on the jig doesn't shake. When you make the finger, it works best if the tip end is a small flat. Not rounded. An old mouse pad glued to the baseboard, grippy rubber side up keeps the board from moving. Some pads cut from the mouse pad used as feet under the jig keeps the whole thing from sliding around on the bench.

Roger N4HSI

On 11/7/2013 9:05 PM, Lee wrote:
>
> Very nice. I have to build one of these. No more burnt fingers.
>
> Lee – N9LO
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of
> *r-mason@...
> *Sent:* Thursday, November 07, 2013 5:45 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE
>
> Hi Dale,
>
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> functions just as well. I put several photos in the Photos section of
> the Yahoo Group.
>
> Thanks for your help.
>
> Roger N4HSI
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com

> <mailto:x1m_qrp-transceiver@yahoogroups.com>, <parinc1@...
> <mailto:parinc1@...>> wrote:
>
> □
>
> Has everyone who wanted a kit now placed their order? If so, I'll set
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> the procedures I use, I'll detail it here on the group. No magic, but
> results in a nice looking board. Perhaps others can chime in with
> their own SMD techniques.
>
> Dale W4OP
>
>

2124. End Fedz antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 04:27:36 UTC
From: <lphebus@...>
Topic: 2124 Message: 2124

Hey Dale, I am using my X1M with a digital interface running WSPR on 40m. I just have to say this 40, 20, 10 end fedz antenna rocks. Just my humble opinion...

2125. Re: [X1M_QRP-Transceiver] End Fedz antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 04:33:02 UTC
From: Dale Parfitt
Topic: 2124 Message: 2125

Glad to hear you like the antenna. You can also remove the factory radiator and put any half wave wire on the matchbox from 60M to 10M and use it monoband.

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, November 07, 2013 11:27 PM
Subject: [X1M_QRP-Transceiver] End Fedz antenna

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2126. RE: End Fedz antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 04:38:34 UTC
From: <lphebus@...>
Topic: 2124 Message: 2126

So many frequencies...so little time...

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Glad to hear you like the antenna. You can also remove the factory radiator and put any half wave wire on the matchbox from 60M to 10M and use it monoband.

Dale W4OP
----- Original Message -----
From: lphebus@... mailto:lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, November 07, 2013 11:27 PM
Subject: [X1M_QRP-Transceiver] End Fedz antenna

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2127. Re: [X1M_QRP-Transceiver] End Fedz antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 04:45:41 UTC
From: Charlie , W5COV
Topic: 2124 Message: 2127

Well I am kind of ashamed to admit it since so many others on here are using the EFHW with the X1M with great results , that I don't own one YET !!

That , especially a multiband model like you have Lee is going to change pretty shortly . One thing that I have a real shortage of is antennas , especially ones that easy to erect and also resonant ones .

For many years as a ham I never even owned a tuner and only got one at first because it was part of a "package" that I traded for . Now I am very dependent on one until I can get new antennas and replace the old ones .

From reading what the people on here are saying the EFHW and the X1M make a great complimentary pair .

Dale's current line of antennas , the HF Omnianges are some really outstanding antennas !!! If you want some serious omnidirectional pattern antennas then the Omniangles are the way to go .

Charlie , W5COV

On 11/7/2013 10:33 PM, Dale Parfitt wrote:
>
> □
>
> Glad to hear you like the antenna. You can also remove the factory
> radiator and put any half wave wire on the matchbox from 60M to 10M
> and use it monoband.
> Dale W4OP
>
> ----- Original Message -----
> *From:* lphebus@... <mailto:lphebus@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Thursday, November 07, 2013 11:27 PM
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>
> Hey Dale, I am using my X1M with a digital interface running WSPR
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> 11/02/13
>

>

2128. RE: End Fedz antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 06:08:04 UTC
From: <gordymurrieta@...>
Topic: 2124 Message: 2128

I have the Trail Friendly version 40/20/10 End Fedz, max 25 watt power. I ordered a 35-40 watt amplifier so now I'm looking into making the antenna work with another toroid and capacitor. I'm going to try an FT140-43 toroid and MFJ air variable capacitor to handle the amplified power.

---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

Well I am kind of ashamed to admit it since so many others on here are using the EFHW with the X1M with great results , that I don't own one YET !!

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Charlie , W5COV

On 11/7/2013 10:33 PM, Dale Parfitt wrote:

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Dale W4OP
----- Original Message -----
From: lphebus@... mailto:lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
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2129. Re:[X1M_QRP-Transceiver] RE: End Fedz antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 06:36:42 UTC
From: Victor Schensnovich
Topic: 2124 Message: 2129

Charlie, give me please a site of Dale antennas.
Victor, UA1CEX.

-- Выслано через mySecureMail http://mysecurephone.pl/

gordymurrieta@... написал:

I have the Trail Friendly version 40/20/10 End Fedz, max 25 watt power. I ordered a 35-40 watt amplifier so now I'm looking into making the antenna work with another toroid and capacitor. I'm going to try an FT140-43 toroid and MFJ air variable capacitor to handle the amplified power.

---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> wrote:

Well I am kind of ashamed to admit it since so many others on here are using the EFHW with the X1M with great results , that I don't own one YET !!

That , especially a multiband model like you have Lee is going to change pretty shortly . One thing that I have a real shortage of is antennas , especially ones that easy to erect and also resonant ones .

For many years as a ham I never even owned a tuner and only got one at first because it was part of a "package" that I traded for . Now I am very dependent on one until I can get new antennas and replace the old ones .

From reading what the people on here are saying the EFHW and the X1M make a great complimentary pair .

Dale's current line of antennas , the HF Omnianges are some really outstanding antennas !!! If you want some serious omnidirectional pattern antennas then the Omniangles are the way to go .

Charlie , W5COV

On 11/7/2013 10:33 PM, Dale Parfitt wrote:

☐

Glad to hear you like the antenna. You can also remove the factory radiator and put any half wave wire on the matchbox from 60M to 10M and use it monoband.

Dale W4OP

----- Original Message -----

From: lphebus@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Thursday, November 07, 2013 11:27 PM

Subject: [X1M_QRP-Transceiver] End Fedz antenna

Hey Dale, I am using my X1M with a digital interface running WSPR on 40m. I just have to say this 40, 20, 10 end fedz antenna rocks. Just my humble opinion...

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2130. Re: [X1M_QRP-Transceiver] RE: End Fedz antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 07:35:02 UTC
From: Charlie , W5COV
Topic: 2124 Message: 2130

Hi Victor ,

Dale sold the PAR EFHW line of his antennas and they are now being manufactured and sold by :

http://www.lnrprecision.com/

Dale has a current line of antennas that start at HF and go into the UHF region . VERY GOOD antennas with another of his own innovative designs . They are called Omniangles .

They have a true omnidirectional pattern and I enjoy that feature , since I no longer have to worry about a rotor quitting on the tower , or freezing up in the middle of the winter when I am trying to operate and also I don't have to take time to wait on rotating a beam or other directional antenna during contests , or when a DX station suddenly pops up.

I started out with a 17 meter omniangle and the X1M and have been able to add several new countries , most on the first call , since I have had it . I plan on having one for every band that he has available . It takes a phillips screwdriver and less than 15 minutes to assemble and it is very lightweight , but made of high durability , extremely high quality materials and can easily be erected by one person . They too , like his original EFHW line can be used on other bands by simply quickly changing the matching box .

Here is the URL for the HF line of them :

http://www.parelectronics.com/hf-omnis.php

He also has other products designed and built by his company :

http://www.parelectronics.com

You know the designer , owner , and builder , (DALE , W4OP) and can see the superb service and time he devotes to helping amateurs all over the world from his work and posts on the X1M and all of the many hours he has also spent behind the scenes that only a few people are aware of , on the testing and making suggestions on the software , hardware , firmware and even accessories (developing and paying for the AGC prototypes out of his own pocket , plus kitting and selling the AGC kits at no profit , just for his cost) for this little jewel of a rig , that he has no financial interest in , to make it a real radio , that we can all be proud to own now .

He did all of the work on the X1M on his own time , at his own expense , and even took many hours away from his own business , that he makes his living from , to help all of us and to make this a fine little rig that

easily compares with radios that cost at least twice as much as the X1M does .

Usual disclaimer for me , no financial interest , etc. etc. just one VERY HAPPY & SATISFIED USER AND CUSTOMER !!! I have never even met Dale in person .

72 , Charlie , W5COV

On 11/8/2013 12:36 AM, Victor Schensnovich wrote:
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>> *To:* X1M_QRP-Transceiver@yahoogroups.com
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>> *Sent:* Thursday, November 07, 2013 11:27 PM
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2131. Re: [X1M_QRP-Transceiver] RE: End Fedz antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 14:18:16 UTC
From: mikejmardis@...
Topic: 2124 Message: 2131

I have always bought yaesu. With that being said, I have had very bad luck on the service side of this hobby. That includes whatever accessories I have purchased from other vendors. That all changed when I bought my KX3. What an incredible operation the folks at elecraft have running. Excellent product with top notch service.
It appears that I'm in for another great experience. I look forward to continuing supporting Dale and also Import Communications with my business.

Sent from my iPhone

> On Nov 8, 2013, at 2:35, "Charlie , W5COV" <cvest@...> wrote:
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> Hi Victor ,
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> Dale sold the PAR EFHW line of his antennas and they are now being manufactured and sold by :
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> http://www.lnrprecision.com/
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2132. RE: Re: [X1M_QRP-Transceiver] RE: End Fedz antenna

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 18:09:22 UTC
From: <lphebus@...>
Topic: 2124 Message: 2132

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On 11/8/2013 12:36 AM, Victor Schensnovich wrote:

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From: lphebus@... mailto:lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
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2133. LAST AGC KIT

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 19:11:14 UTC
From: <parinc1@...>
Topic: 2133 Message: 2133

Any takers for the last kit?

Dale W4OP

2134. Re:[X1M_QRP-Transceiver] LAST AGC KIT

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 19:17:54 UTC
From: Victor Schensnovich
Topic: 2133 Message: 2134

Dale, I found where it goes, thank you.
Victor.

-- Выслано через mySecureMail http://mysecurephone.pl/

parinc1@... написал:

Any takers for the last kit?

Dale W4OP

2135. [X1M_QRP-Transceiver] THOUGHTS AND REFLECTIONS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 19:18:35 UTC
From: Charlie , W5COV
Topic: 2135 Message: 2135

Lee , thanks for that information . I have only run my X1M on WSPR and QRSS a couple of nights , while it was attended. It was early on when I first started playing with it and was doing testing of different modes and at that time issues with the X1M . I also found the slowest QRSS stations that were on the air and able to be heard here at that time of the year to look at stability . I did run some overnight captures when doing that . The results were excellent !!

Well I haven't been on the digital modes for a few months now with it , since I still haven't put the case back on it yet . Still have the AGC board to install and will probably leave the case off until the final firmware update is installed , just in case , that I need to access something one last time on the inside .

Once I get my beacons and antennas for them all up and operating for the winter season , I will probably fire the spectrum analyzer up and do some more extensive tests , especially looking at the filter . Thanks for the plots that you have done . It is really great that so many people on this group has pooled all of their particular areas of expertise and the ones of us with specialized test equipment , taking their time and putting that equipment , some of which is quite specialized , and many of us with good test equipment , still don't have some of the equipment that has been used by these people to aid in locating the root cause of an issue and not just putting a band aid on it , but rather developing a permanent change and fix for it .

Ed has been just fantastic (www.importcommunications.com) at working with those of us that have spent a lot of time playing with the radio and identifying the problems . We were able to keep in contact with him and he in turn was able to deal with the factory in China , and not only somehow explain it from English to Chinese and getting them to understand the actual problem and then most important of all , he was able to actually get them to make the needed changes , just as we had located them and again not taking shortcuts , but actually taking advice from us and Ed and implementing the changes to the best engineering change that was able to be made .

I don't think many people will argue that the X1M did have a number of important issues when they first came out . However the company has been so willing to make the changes , that it is more of a radio , than what most of us actually ordered . It has a few extra features now and certainly when you compare the price of a fully assembled full 5 watt QRP multi mode transceiver , there isn't anything in the world that I am aware of that even comes close to it .

Another nice thing is they didn't forget the owners of the original X1M's and they can now easily and rather cheaply upgrade those to a full featured X1M PRO (Platinum) . Ed's warranty service has been excellent and that is Ed alone providing that , as far as I know , since the last I knew the factory didn't have a good warranty service in place , as it related to their distributors . Also the company has not yet geared up enough to be able yet to keep a continuous flow of radios to their distributors , so Ed really is doing a much better job on backing the warranty than most people know and again that has been done ALL ON HIS OWN. That alone speaks VERY HIGHLY to why a person should buy through a reputable distributor .

This radio already has quite a history and also quite a back story to get to the point that it is at today . A great little rig , in my personal opinion .

The group members have been and continue to be the best source of feedback and developing on their own some very useful accessories to use with the radio . I am quite certain we will see this trend continue to grow and it is a great list for one person helping another . There is a whole world of accessories that can be designed , built and added to personalize your X1M for your particular use .

The NEW USB to DB-9 cable that Ed has now , is a HUGE improvement for using the X1M with HRD and doing firmware updates !!! Also the small in physical size , made to match the radio , filter from Xiegu , that Ed also handles , is a GREAT addition especially to CW and Digital mode operators . It can also be used on SSB.

Okay I now I talk way too much , but a LOT of you people that make up this group and the excellent work Ed has done and is continuing to do , deserved to be posted so at least some of the "NEW" group members could get a brief history and background for this radio .

Can hardly wait until the next shipment comes in and we see many "new" faces on here . Hope they are sending Ed a LOT of these radios , which should arrive in time for Christmas :)

THANKS TO EVERYONE ON THIS GROUP !!! Now start spending more time on the air on the mode of your choice with the X1M , since once the company can produce enough radios to meet the demand , I want to work every other X1M owners that I possibly can. Hey when more of them get into the hands of active users we might even need to form an informal set of awards for different accomplishments made while using just the X1M :)

Best 73 , Charlie , W5COV

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>> hours he has also spent behind the scenes that only a few people are
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>>> -- Выслано через mySecureMail http://mysecurephone.pl/
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>>>> *Sent:* Thursday, November 07, 2013 11:27 PM
>>>> *Subject:* [X1M_QRP-Transceiver] End Fedz antenna
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2136. RE: [X1M_QRP-Transceiver] THOUGHTS AND REFLECTIONS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 19:31:46 UTC
From: <lphebus@...>
Topic: 2135 Message: 2136

Charlie, a great summary. I'm off to Ed's site to get that new cable!

---In X1M_QRP-Transceiver@yahoogroups.com, <cvest@...> wrote:

Lee , thanks for that information . I have only run my X1M on WSPR and QRSS a couple of nights , while it was attended. It was early on when I first started playing with it and was doing testing of different modes and at that time issues with the X1M . I also found the slowest QRSS stations that were on the air and able to be heard here at that time of the year to look at stability . I did run some overnight captures when doing that . The results were excellent !!

Well I haven't been on the digital modes for a few months now with it , since I still haven't put the case back on it yet . Still have the AGC board to install and will probably leave the case off until the final firmware update is installed , just in case , that I need to access something one last time on the inside .

Once I get my beacons and antennas for them all up and operating for the winter season , I will probably fire the spectrum analyzer up and do some more extensive tests , especially looking at the filter . Thanks for the plots that you have done . It is really great that so many people on this group has pooled all of their particular areas of expertise and the ones of us with specialized test equipment , taking their time and putting that equipment , some of which is quite specialized , and many of us with good test equipment , still don't have some of the equipment that has been used by these people to aid in locating the root cause of an issue and not just putting a band aid on it , but rather developing a permanent change and fix for it .

Ed has been just fantastic (www.importcommunications.com http://www.importcommunications.com) at working with those of us that have spent a lot of time playing with the radio and identifying the problems . We were able to keep in contact with him and he in turn was able to deal with the factory in China , and not only somehow explain it from English to Chinese and getting them to understand the actual problem and then most important of all , he was able to actually get them to make the needed changes , just as we had located them and again not taking shortcuts , but actually taking advice from us and Ed and implementing the changes to the best engineering change that was able to be made .

I don't think many people will argue that the X1M did have a number of important issues when they first came out . However the company has been so willing to make the changes , that it is more of a radio , than what most of us actually ordered . It has a few extra features now and certainly when you compare the price of a fully assembled full 5 watt QRP multi mode transceiver , there isn't anything in the world that I am aware of that even comes close to it .

Another nice thing is they didn't forget the owners of the original X1M's and they can now easily and rather cheaply upgrade those to a full featured X1M PRO (Platinum) . Ed's warranty service has been excellent and that is Ed alone providing that , as far as I know , since the last I knew the factory didn't have a good warranty service in place , as it

related to their distributors . Also the company has not yet geared up enough to be able yet to keep a continuous flow of radios to their distributors , so Ed really is doing a much better job on backing the warranty than most people know and again that has been done ALL ON HIS OWN. That alone speaks VERY HIGHLY to why a person should buy through a reputable distributor .

This radio already has quite a history and also quite a back story to get to the point that it is at today . A great little rig , in my personal opinion .

The group members have been and continue to be the best source of feedback and developing on their own some very useful accessories to use with the radio . I am quite certain we will see this trend continue to grow and it is a great list for one person helping another . There is a whole world of accessories that can be designed , built and added to personalize your X1M for your particular use .

The NEW USB to DB-9 cable that Ed has now , is a HUGE improvement for using the X1M with HRD and doing firmware updates !!! Also the small in physical size , made to match the radio , filter from Xiegu , that Ed also handles , is a GREAT addition especially to CW and Digital mode operators . It can also be used on SSB.

Okay I now I talk way too much , but a LOT of you people that make up this group and the excellent work Ed has done and is continuing to do , deserved to be posted so at least some of the "NEW" group members could get a brief history and background for this radio .

Can hardly wait until the next shipment comes in and we see many "new" faces on here . Hope they are sending Ed a LOT of these radios , which should arrive in time for Christmas :)

THANKS TO EVERYONE ON THIS GROUP !!! Now start spending more time on the air on the mode of your choice with the X1M , since once the company can produce enough radios to meet the demand , I want to work every other X1M owners that I possibly can. Hey when more of them get into the hands of active users we might even need to form an informal set of awards for different accomplishments made while using just the X1M :)

Best 73 , Charlie , W5COV

On 11/8/2013 12:09 PM, lphebus@... mailto:lphebus@... wrote:

I left the X1M (attached to a netbook via a USB digital interface running WSPR software) on all night with a 10% transmit and 90% receive schedule. As I mentioned before, the antenna was a multiband end fedz up about 10 feet between my house and a tree. The rig was fine, and in the morning, when I looked at the contacts, I had lots in the continental US and Canada, 3 in Japan and 4 in Australia (27 stations received and 30 receiving my transmissions). I see this as proof the X1M can handle digital modes and the required 2 minute 100% duty cycle transmissions. I'm going to try some PSK-31 this afternoon.

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <mikejmardis@...> mailto:mikejmardis@... wrote:

I have always bought yaesu. With that being said, I have had very bad luck on the service side of this hobby. That includes whatever accessories I have purchased from other vendors. That all changed when I bought my KX3. What an incredible operation the folks at elecraft have running. Excellent product with top notch service.
It appears that I'm in for another great experience. I look forward to continuing supporting Dale and also Import Communications with my business.

Sent from my iPhone

On Nov 8, 2013, at 2:35, "Charlie , W5COV" <cvest@... mailto:cvest@...> wrote:

Hi Victor ,

Dale sold the PAR EFHW line of his antennas and they are now being manufactured and sold by :

http://www.lnrprecision.com/ http://www.lnrprecision.com/

Dale has a current line of antennas that start at HF and go into the UHF region . VERY GOOD antennas with another of his own innovative designs . They are called Omniangles .

They have a true omnidirectional pattern and I enjoy that feature , since I no longer have to worry about a rotor quitting on the tower , or freezing up in the middle of the winter when I am trying to operate and also I don't have to take time to wait on rotating a beam or other directional antenna during contests , or when a DX station suddenly pops up.

I started out with a 17 meter omniangle and the X1M and have been able to add several new countries , most on the first call , since I have had it . I plan on having one for every band that he has available . It takes a phillips screwdriver and less than 15 minutes to assemble and it is very lightweight , but made of high durability , extremely high quality materials and can easily be erected by one person . They too , like his original EFHW line can be used on other bands by simply quickly changing the matching box .

Here is the URL for the HF line of them :

http://www.parelectronics.com/hf-omnis.php http://www.parelectronics.com/hf-omnis.php

He also has other products designed and built by his company :

http://www.parelectronics.com http://www.parelectronics.com

You know the designer , owner , and builder , (DALE , W4OP) and can see the superb service and time he devotes to helping amateurs all over the world from his work and posts on the X1M and all of the many hours he has also spent behind the scenes that only a few people are aware of , on the testing and making suggestions on the software , hardware , firmware and even accessories (developing and paying for the AGC prototypes out of his own pocket , plus kitting and selling the AGC kits at no profit , just for his cost) for this little jewel of a rig , that he has no financial interest in , to make it a real radio , that we can all be proud to own now .

He did all of the work on the X1M on his own time , at his own expense , and even took many hours away from his own business , that he makes his living from , to help all of us and to make this a fine little rig that easily compares with radios that cost at least twice as much as the X1M does .

Usual disclaimer for me , no financial interest , etc. etc. just one VERY HAPPY & SATISFIED USER AND CUSTOMER !!! I have never even met Dale in person .

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2137. Re: [X1M_QRP-Transceiver] THOUGHTS AND REFLECTIONS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 20:30:13 UTC
From: Bastress, David G
Topic: 2135 Message: 2137

GA Charlie,

Thanks for the background info, etc on the X1M.

I am one of the new group members and I don't have my X1M yet. Hopefully Santa will deliver it before Christmas. It is on order.

You mentioned a USB to DB9 adaptor for remote control and firm ware updates. I have a question. From the pictures on the user's group site it looks like there is another very short cable used between the adaptor and the rig. Is that basically a null modem or a gender bender?

Thanks.
Dave K3GAU

On Fri, Nov 8, 2013 at 2:18 PM, Charlie , W5COV <cvest@...> wrote:

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> QRSS a couple of nights , while it was attended. It was early on when I
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> You know the designer , owner , and builder , (DALE , W4OP) and can see
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2138. Re: [X1M_QRP-Transceiver] THOUGHTS AND REFLECTIONS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 21:08:03 UTC
From: Charlie , W5COV
Topic: 2135 Message: 2138

No Dave that cable has a 232 chip inside the plug cover . It is a level converter since the X1M requires true TTL level signals . The new cable on Ed's site eliminates all of the hodge podge of cables that are required to use even the short cable . The new cable goes from USB to the required TTL levels on the DB9 plug on the X1M . Much easier , just hook one end to the computer and the other to the radio . Just leave it hooked up and you can use the X1M with the Ham Radio Deluxe control feature .

Charlie , W5COV

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> it , since I still haven't put the case back on it yet . Still
> have the AGC board to install and will probably leave the case off
> until the final firmware update is installed , just in case , that
> I need to access something one last time on the inside .
>
> Once I get my beacons and antennas for them all up and operating
> for the winter season , I will probably fire the spectrum analyzer
> up and do some more extensive tests , especially looking at the

> filter . Thanks for the plots that you have done . It is really
> great that so many people on this group has pooled all of their
> particular areas of expertise and the ones of us with specialized
> test equipment , taking their time and putting that equipment ,
> some of which is quite specialized , and many of us with good test
> equipment , still don't have some of the equipment that has been
> used by these people to aid in locating the root cause of an issue
> and not just putting a band aid on it , but rather developing a
> permanent change and fix for it .
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> Ed has been just fantastic (www.importcommunications.com
> <http://www.importcommunications.com>) at working with those of
> us that have spent a lot of time playing with the radio and
> identifying the problems . We were able to keep in contact with
> him and he in turn was able to deal with the factory in China ,
> and not only somehow explain it from English to Chinese and
> getting them to understand the actual problem and then most
> important of all , he was able to actually get them to make the
> needed changes , just as we had located them and again not taking
> shortcuts , but actually taking advice from us and Ed and
> implementing the changes to the best engineering change that was
> able to be made .
>
> I don't think many people will argue that the X1M did have a
> number of important issues when they first came out . However the
> company has been so willing to make the changes , that it is more
> of a radio , than what most of us actually ordered . It has a few
> extra features now and certainly when you compare the price of a
> fully assembled full 5 watt QRP multi mode transceiver , there
> isn't anything in the world that I am aware of that even comes
> close to it .
>
> Another nice thing is they didn't forget the owners of the
> original X1M's and they can now easily and rather cheaply upgrade
> those to a full featured X1M PRO (Platinum) . Ed's warranty
> service has been excellent and that is Ed alone providing that ,
> as far as I know , since the last I knew the factory didn't have a
> good warranty service in place , as it related to their
> distributors . Also the company has not yet geared up enough to be
> able yet to keep a continuous flow of radios to their distributors
> , so Ed really is doing a much better job on backing the warranty
> than most people know and again that has been done ALL ON HIS OWN.
> That alone speaks VERY HIGHLY to why a person should buy through a
> reputable distributor .
>
> This radio already has quite a history and also quite a back story
> to get to the point that it is at today . A great little rig , in
> my personal opinion .
>
> The group members have been and continue to be the best source of

> feedback and developing on their own some very useful accessories
> to use with the radio . I am quite certain we will see this trend
> continue to grow and it is a great list for one person helping
> another . There is a whole world of accessories that can be
> designed , built and added to personalize your X1M for your
> particular use .
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> The NEW USB to DB-9 cable that Ed has now , is a HUGE improvement
> for using the X1M with HRD and doing firmware updates !!! Also the
> small in physical size , made to match the radio , filter from
> Xiegu , that Ed also handles , is a GREAT addition especially to
> CW and Digital mode operators . It can also be used on SSB.
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> up this group and the excellent work Ed has done and is continuing
> to do , deserved to be posted so at least some of the "NEW" group
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> radios , which should arrive in time for Christmas :)
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> THANKS TO EVERYONE ON THIS GROUP !!! Now start spending more time
> on the air on the mode of your choice with the X1M , since once
> the company can produce enough radios to meet the demand , I want
> to work every other X1M owners that I possibly can. Hey when more
> of them get into the hands of active users we might even need to
> form an informal set of awards for different accomplishments made
> while using just the X1M :)
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> Best 73 , Charlie , W5COV
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> On 11/8/2013 12:09 PM, lphebus@...
> <mailto:lphebus@...> wrote:
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>> I left the X1M (attached to a netbook via a USB digital interface
>> running WSPR software) on all night with a 10% transmit and 90%
>> receive schedule. As I mentioned before, the antenna was a
>> multiband end fedz up about 10 feet between my house and a tree.
>> The rig was fine, and in the morning, when I looked at the
>> contacts, I had lots in the continental US and Canada, 3 in Japan
>> and 4 in Australia (27 stations received and 30 receiving my
>> transmissions). I see this as proof the X1M can handle digital
>> modes and the required 2 minute 100% duty cycle transmissions.
>> I'm going to try some PSK-31 this afternoon.
>>
>>
>>
>> ---In X1M_QRP-Transceiver@yahoogroups.com

>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>, <mikejmardis@...>
>> <mailto:mikejmardis@...> wrote:
>>
>> I have always bought yaesu. With that being said, I have had very
>> bad luck on the service side of this hobby. That includes
>> whatever accessories I have purchased from other vendors.
>> That all changed when I bought my KX3. What an incredible
>> operation the folks at elecraft have running. Excellent product
>> with top notch service.
>> It appears that I'm in for another great experience. I look
>> forward to continuing supporting Dale and also Import
>> Communications with my business.
>>
>> Sent from my iPhone
>>
>> On Nov 8, 2013, at 2:35, "Charlie , W5COV" <cvest@...
>> <mailto:cvest@...>> wrote:
>>
>>> Hi Victor ,
>>>
>>> Dale sold the PAR EFHW line of his antennas and they are now
>>> being manufactured and sold by :
>>>
>>> http://www.lnrprecision.com/
>>>
>>> Dale has a current line of antennas that start at HF and go into
>>> the UHF region . VERY GOOD antennas with another of his own
>>> innovative designs . They are called Omniangles .
>>>
>>> They have a true omnidirectional pattern and I enjoy that
>>> feature , since I no longer have to worry about a rotor quitting
>>> on the tower , or freezing up in the middle of the winter when I
>>> am trying to operate and also I don't have to take time to wait
>>> on rotating a beam or other directional antenna during contests
>>> , or when a DX station suddenly pops up.
>>>
>>> I started out with a 17 meter omniangle and the X1M and have
>>> been able to add several new countries , most on the first call
>>> , since I have had it . I plan on having one for every band that
>>> he has available . It takes a phillips screwdriver and less than
>>> 15 minutes to assemble and it is very lightweight , but made of
>>> high durability , extremely high quality materials and can
>>> easily be erected by one person . They too , like his original
>>> EFHW line can be used on other bands by simply quickly changing
>>> the matching box .
>>>
>>> Here is the URL for the HF line of them :
>>>
>>> http://www.parelectronics.com/hf-omnis.php
>>>

>>> He also has other products designed and built by his company :
>>>
>>> http://www.parelectronics.com
>>>
>>> You know the designer , owner , and builder , (DALE , W4OP) and
>>> can see the superb service and time he devotes to helping
>>> amateurs all over the world from his work and posts on the X1M
>>> and all of the many hours he has also spent behind the scenes
>>> that only a few people are aware of , on the testing and making
>>> suggestions on the software , hardware , firmware and even
>>> accessories (developing and paying for the AGC prototypes out
>>> of his own pocket , plus kitting and selling the AGC kits at no
>>> profit , just for his cost) for this little jewel of a rig ,
>>> that he has no financial interest in , to make it a real radio ,
>>> that we can all be proud to own now .
>>>
>>> He did all of the work on the X1M on his own time , at his own
>>> expense , and even took many hours away from his own business ,
>>> that he makes his living from , to help all of us and to make
>>> this a fine little rig that easily compares with radios that
>>> cost at least twice as much as the X1M does .
>>>
>>> Usual disclaimer for me , no financial interest , etc. etc. just
>>> one VERY HAPPY & SATISFIED USER AND CUSTOMER !!! I have never
>>> even met Dale in person .
>>>
>>> 72 , Charlie , W5COV
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>>> On 11/8/2013 12:36 AM, Victor Schensnovich wrote:
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>>>> Charlie, give me please a site of Dale antennas.
>>>> Victor, UA1CEX.
>>>>
>>>>
>>>>
>>>> -- ??????? ????? mySecureMail http://mysecurephone.pl/
>>>>
>>>> gordymurrieta@... <mailto:gordymurrieta@...> ???????:
>>>>
>>>> I have the Trail Friendly version 40/20/10 End Fedz, max
>>>> 25 watt power. I ordered a 35-40 watt amplifier so now I'm
>>>> looking into making the antenna work with another toroid
>>>> and capacitor. I'm going to try an FT140-43 toroid and MFJ
>>>> air variable capacitor to handle the amplified power.
>>>>
>>>>
>>>>
>>>> ---In x1m_qrp-transceiver@yahoogroups.com
>>>> <mailto:x1m_qrp-transceiver@yahoogroups.com>, <cvest@...>
>>>> <mailto:cvest@...> wrote:

>>>>
>>>> Well I am kind of ashamed to admit it since so many others
>>>> on here are using the EFHW with the X1M with great results
>>>> , that I don't own one YET !!
>>>>
>>>> That , especially a multiband model like you have Lee is
>>>> going to change pretty shortly . One thing that I have a
>>>> real shortage of is antennas , especially ones that easy to
>>>> erect and also resonant ones .
>>>>
>>>> For many years as a ham I never even owned a tuner and only
>>>> got one at first because it was part of a "package" that I
>>>> traded for . Now I am very dependent on one until I can get
>>>> new antennas and replace the old ones .
>>>>
>>>> From reading what the people on here are saying the EFHW
>>>> and the X1M make a great complimentary pair .
>>>>
>>>> Dale's current line of antennas , the HF Omnianges are some
>>>> really outstanding antennas !!! If you want some serious
>>>> omnidirectional pattern antennas then the Omniangles are
>>>> the way to go .
>>>>
>>>> Charlie , W5COV
>>>>
>>>> On 11/7/2013 10:33 PM, Dale Parfitt wrote:
>>>>
>>>>> Glad to hear you like the antenna. You can also remove
>>>>> the factory radiator and put any half wave wire on the
>>>>> matchbox from 60M to 10M and use it monoband.
>>>>> Dale W4OP
>>>>>
>>>>> ----- Original Message -----
>>>>> *From:* lphebus@... <mailto:lphebus@...>
>>>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>>>>> *Sent:* Thursday, November 07, 2013 11:27 PM
>>>>> *Subject:* [X1M_QRP-Transceiver] End Fedz antenna
>>>>>
>>>>> Hey Dale, I am using my X1M with a digital
>>>>> interface running WSPR on 40m. I just have to say
>>>>> this 40, 20, 10 end fedz antenna rocks. Just my
>>>>> humble opinion...
>>>>>
>>>>> No virus found in this message.
>>>>> Checked by AVG - www.avg.com <http://www.avg.com>
>>>>> Version: 2014.0.4158 / Virus Database: 3615/6803 -
>>>>> Release Date: 11/02/13
>>>>>
>>>>

>>>
>
>
>

2139. RE: Mic suggestions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 19:16:19 UTC
From: <mikejmardis@...>
Topic: 2115 Message: 2139

In addition to mic options, what are people using for an swr meter. Something pretty accurate and can tuck away in my backpack for field use I'm ordering an elecraft T1 auto tuner. I also ordered the filter from Ed when I ordered the radio. AGC kit ordered. Any other suggestions for getting the most of the little miracle?

2140. Re: [X1M_QRP-Transceiver] THOUGHTS AND REFLECTIONS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 21:25:18 UTC
From: mikejmardis@...
Topic: 2135 Message: 2140

Thank you Charlie. This group has really gotten me excited about this radio. I even pulled out some old unfinished kits to brush up for the agc kit.
I would definitely be interest in a monthly/weekly CW/SSB net when I get the radio. QRPARCI has some interesting awards that could be implemented. I would be more than willing to manage it.

Sent from my iPhone

> On Nov 8, 2013, at 14:18, "Charlie , W5COV" <cvest@...> wrote:
>
> Lee , thanks for that information . I have only run my X1M on WSPR and QRSS a couple of nights , while it was attended. It was early on when I first started playing with it and was doing testing of different modes and at that time issues with the X1M . I also found the slowest QRSS stations that were on the air and able to be heard here at that time of the year to look at stability . I did run some overnight captures when doing that . The results were excellent !!
>
> Well I haven't been on the digital modes for a few months now with it , since I still haven't put the case back on it yet . Still have the AGC board to install and will probably leave the case off until the final firmware update is installed , just in case , that I need to access something one last time on the inside .
>
> Once I get my beacons and antennas for them all up and operating for the winter season , I will probably fire the spectrum analyzer up and do some more extensive tests , especially looking at the filter . Thanks for the plots that you have done . It is really great that so many people on this group has pooled all of their particular areas of expertise and the ones of us with specialized test equipment , taking their time and putting that equipment , some of which is quite specialized , and many of us with good test equipment , still don't have some of the equipment that has been used by these people to aid in locating the root cause of an issue and not just putting a band aid on it , but rather developing a permanent change and fix for it .
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> Ed has been just fantastic (www.importcommunications.com) at working with those of us that have spent a lot of time playing with the radio and identifying the problems . We were able to keep in contact with him and he in turn was able to deal with the factory in China , and not only somehow explain it from English to Chinese and getting them to understand the actual problem and then most important of all , he was able to actually get them to make the needed changes , just as we had located them and again not taking shortcuts , but actually taking advice from us and Ed and implementing the changes to the best engineering change that was able to be made .
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> I don't think many people will argue that the X1M did have a number of important issues when they first came out . However the company has been so willing to make the changes , that it is more of a radio , than what most of us actually ordered . It has a few extra features now and certainly when you compare the price of a fully assembled full 5 watt QRP multi mode transceiver , there isn't anything in the world that I am aware of that even comes close to it .
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> Another nice thing is they didn't forget the owners of the original X1M's and they can now easily and rather cheaply upgrade those to a full featured X1M PRO (Platinum) . Ed's warranty service has been excellent and that is Ed alone providing that , as far as I know , since the last I knew the factory didn't have a good warranty service in place , as it related to their distributors . Also the company has not yet geared up enough to be able yet to keep a continuous flow of radios to their distributors , so Ed really is doing a much better job on backing the warranty than most people know and again that has been done ALL ON HIS OWN. That alone speaks VERY HIGHLY to why a person should buy through a

reputable distributor .
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> This radio already has quite a history and also quite a back story to get to the point that it is at today . A great little rig , in my personal opinion .
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> The group members have been and continue to be the best source of feedback and developing on their own some very useful accessories to use with the radio . I am quite certain we will see this trend continue to grow and it is a great list for one person helping another . There is a whole world of accessories that can be designed , built and added to personalize your X1M for your particular use .
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> The NEW USB to DB-9 cable that Ed has now , is a HUGE improvement for using the X1M with HRD and doing firmware updates !!! Also the small in physical size , made to match the radio , filter from Xiegu , that Ed also handles , is a GREAT addition especially to CW and Digital mode operators . It can also be used on SSB.
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> Okay I now I talk way too much , but a LOT of you people that make up this group and the excellent work Ed has done and is continuing to do , deserved to be posted so at least some of the "NEW" group members could get a brief history and background for this radio .
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>>> They have a true omnidirectional pattern and I enjoy that feature , since I no longer have to worry about a rotor quitting on the tower , or freezing up in the middle of the winter when I am trying to operate and also I don't have to take time to wait on rotating a beam or other directional antenna during contests , or when a DX station suddenly pops up.
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>>> I started out with a 17 meter omniangle and the X1M and have been able to add several new countries , most on the first call , since I have had it . I plan on having one for every band that he has available . It takes a phillips screwdriver and less than 15 minutes to assemble and it is very lightweight , but made of high durability , extremely high quality materials and can easily be erected by one person . They too , like his original EFHW line can be used on other bands by simply quickly changing the matching box .
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>>> Here is the URL for the HF line of them :
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>>> http://www.parelectronics.com/hf-omnis.php
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>>> He also has other products designed and built by his company :
>>>
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>>>
>>> You know the designer , owner , and builder , (DALE , W4OP) and can see the superb service and time he devotes to helping amateurs all over the world from his work and posts on the X1M and all of the many hours he has also spent behind the scenes that only a few people are aware of , on the testing and making suggestions on the software , hardware , firmware and even accessories (developing and paying for the AGC prototypes out of his own pocket , plus kitting and selling the AGC kits at no profit , just for his cost) for this little jewel of a rig , that he has no financial interest in , to make it a real radio , that we can all be proud to own now .
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>>>> Victor, UA1CEX.
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>>>> gordymurrieta@... написал:
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>>>> I have the Trail Friendly version 40/20/10 End Fedz, max 25 watt power. I ordered a 35-40 watt amplifier so now I'm looking into making the antenna work with another toroid and capacitor. I'm going to try an FT140-43 toroid and MFJ air variable capacitor to handle the amplified power.
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>>>> For many years as a ham I never even owned a tuner and only got one at first because it was part of a "package" that I traded for . Now I am very dependent on one until I can get new antennas and replace the old ones .
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>>>> Dale's current line of antennas , the HF Omnianges are some really outstanding antennas !!! If you want some serious omnidirectional pattern antennas then the Omniangles are the way to go .
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>>>>> Glad to hear you like the antenna. You can also remove the factory radiator and put any half wave wire on the matchbox from 60M to 10M and use it monoband.
>>>>>
>>>>> Dale W4OP
>>>>> ----- Original Message -----
>>>>> From: lphebus@...
>>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>>> Sent: Thursday, November 07, 2013 11:27 PM
>>>>> Subject: [X1M_QRP-Transceiver] End Fedz antenna
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>>>>>
>>>>> Hey Dale, I am using my X1M with a digital interface running WSPR on 40m. I just have to say this 40, 20, 10

end fedz antenna rocks. Just my humble opinion...
>>>>>
>>>>> No virus found in this message.
>>>>> Checked by AVG - www.avg.com
>>>>> Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13
>>>>>
>
>

2141. Re: [X1M_QRP-Transceiver] RE: Mic suggestions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 21:56:16 UTC
From: Charlie , W5COV
Topic: 2115 Message: 2141

I can't make a suggestion for backpack operation , since my main use is at home and from motels , so weight is not a consideration . However I am quite certain we have other group members that can address that issue .

There are a couple of other nice little accessories if you operate SSB or the digital modes . Two different Lee's one a /9 and one a /7 , have both successfully built a speech processor that will actually fit inside of the microphone that comes with the radio . A really nice addition to get the most "average power" output on phone.

Lee /7 has built an interface for digital modes , using a modem that costs 2 or 3 dollars , plus a few other parts for you to feed right in the microphone jack . Looks like a nice addition if you want to get even more out of the X1M by running the digital modes . One day when my eyes and hand tremors permit it , I am going to attempt to build me one , because I do enjoy the digital modes .

Paul has built an adapter out of an old ethernet cable to use for interfacing his SignaLink USB to the X1M .

I believe there are pictures of all of these in either the files or photos section of the group and they are all active members of the group if you have any questions .

Naturally you can roll your own low pass filters to put between the X1M and the antenna to use it on any of the other ham bands not covered and or filters for the part 5 and part 15 experimental bands , or build you a box and a switch with different filters to cover other bands without having to change the external filter each time that you want to switch to a non included band .

If you haven't read the archives , the microphone can be modified for a bit better audio . VERY VERY CAREFULLY take the back off of the microphone and I just cut the speaker completely out of mine , since it isn't used anyway . You will find the electret element in one corne pretty much enclose in a small cavity. I took a sharp exacto knife and cut about a 1/4 wide opening between the mic cavity and the area that housed the speaker . The PTT bar has some VERY tiny pins molded on it to pivot on so be very careful not to damage those.

Several other ideas , but I'll not monopolize things , and let some of the other guys add their suggestions and experiences .

Charlie
On 11/8/2013 1:16 PM, mikejmardis@... wrote:
>
> In addition to mic options, what are people using for an swr meter.

> Something pretty accurate and can tuck away in my backpack for field
> use I'm ordering an elecraft T1 auto tuner. I also ordered the filter
> from Ed when I ordered the radio. AGC kit ordered. Any other
> suggestions for getting the most of the little miracle?
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>

2142. Re: [X1M_QRP-Transceiver] RE: Mic suggestions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 22:03:26 UTC
From: mikejmardis@...
Topic: 2115 Message: 2142

Thank you Charlie. Please don't hesitate to recommend anything or share your experiences with me. That goes for EVERYBODY!!!!
I'm sure, in short order, there will be a multitude of new owners very soon.
Every bodies experience and suggestions will be well served.

Sent from my iPhone

> On Nov 8, 2013, at 16:56, "Charlie , W5COV" <cvest@...> wrote:
>
> I can't make a suggestion for backpack operation , since my main use is at home and from motels , so weight is not a consideration . However I am quite certain we have other group members that can address that issue .
>
> There are a couple of other nice little accessories if you operate SSB or the digital modes . Two different Lee's one a /9 and one a /7 , have both successfully built a speech processor that will actually fit inside of the microphone that comes with the radio . A really nice addition to get the most "average power" output on phone.
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> Naturally you can roll your own low pass filters to put between the X1M and the antenna to use it on any of the other ham bands not covered and or filters for the part 5 and part 15 experimental bands , or build you a box and a switch with different filters to cover other bands without having to change the external filter each time that you want to switch to a non included band .
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> If you haven't read the archives , the microphone can be modified for a bit better audio . VERY VERY CAREFULLY take the back off of the microphone and I just cut the speaker completely out of mine , since it isn't used anyway . You will find the electret element in one corne pretty much enclose in a small cavity. I took a sharp exacto knife and cut about a 1/4 wide opening between the mic cavity and the area that housed the speaker . The PTT bar has some VERY tiny pins molded on it to pivot on so be very careful not to damage those.
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> Several other ideas , but I'll not monopolize things , and let some of the other guys add

their suggestions and experiences .
>
> Charlie
>> On 11/8/2013 1:16 PM, mikejmardis@... wrote:
>>
>> In addition to mic options, what are people using for an swr meter. Something pretty accurate and can tuck away in my backpack for field use I'm ordering an elecraft T1 auto tuner. I also ordered the filter from Ed when I ordered the radio. AGC kit ordered. Any other suggestions for getting the most of the little miracle?
>>
>
>

2143. Re: [X1M_QRP-Transceiver] THOUGHTS AND REFLECTIONS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 22:18:29 UTC
From: Droid Power
Topic: 2135 Message: 2143

cant you just use the rs232 for receive and transmit. Why do you need an additional interface for digital modes

On Fri, Nov 8, 2013 at 1:25 PM, <mikejmardis@...> wrote:

>
>
> Thank you Charlie. This group has really gotten me excited about this
> radio. I even pulled out some old unfinished kits to brush up for the agc
> kit.
> I would definitely be interest in a monthly/weekly CW/SSB net when I get
> the radio. QRPARCI has some interesting awards that could be implemented. I
> would be more than willing to manage it.
>
> Sent from my iPhone
>
> On Nov 8, 2013, at 14:18, "Charlie , W5COV" <cvest@...> wrote:
>
>
>
>
> Lee , thanks for that information . I have only run my X1M on WSPR and
> QRSS a couple of nights , while it was attended. It was early on when I
> first started playing with it and was doing testing of different modes and
> at that time issues with the X1M . I also found the slowest QRSS stations
> that were on the air and able to be heard here at that time of the year to
> look at stability . I did run some overnight captures when doing that . The
> results were excellent !!
>
> Well I haven't been on the digital modes for a few months now with it ,
> since I still haven't put the case back on it yet . Still have the AGC
> board to install and will probably leave the case off until the final
> firmware update is installed , just in case , that I need to access
> something one last time on the inside .
>
> Once I get my beacons and antennas for them all up and operating for the
> winter season , I will probably fire the spectrum analyzer up and do some
> more extensive tests , especially looking at the filter . Thanks for the
> plots that you have done . It is really great that so many people on this
> group has pooled all of their particular areas of expertise and the ones of
> us with specialized test equipment , taking their time and putting that
> equipment , some of which is quite specialized , and many of us with good
> test equipment , still don't have some of the equipment that has been used
> by these people to aid in locating the root cause of an issue and not just
> putting a band aid on it , but rather developing a permanent change and fix
> for it .

>
> Ed has been just fantastic (www.importcommunications.com) at working
> with those of us that have spent a lot of time playing with the radio and
> identifying the problems . We were able to keep in contact with him and he
> in turn was able to deal with the factory in China , and not only somehow
> explain it from English to Chinese and getting them to understand the
> actual problem and then most important of all , he was able to actually get
> them to make the needed changes , just as we had located them and again not
> taking shortcuts , but actually taking advice from us and Ed and
> implementing the changes to the best engineering change that was able to be
> made .
>
> I don't think many people will argue that the X1M did have a number of
> important issues when they first came out . However the company has been so
> willing to make the changes , that it is more of a radio , than what most
> of us actually ordered . It has a few extra features now and certainly when
> you compare the price of a fully assembled full 5 watt QRP multi mode
> transceiver , there isn't anything in the world that I am aware of that
> even comes close to it .
>
> Another nice thing is they didn't forget the owners of the original X1M's
> and they can now easily and rather cheaply upgrade those to a full featured
> X1M PRO (Platinum) . Ed's warranty service has been excellent and that is
> Ed alone providing that , as far as I know , since the last I knew the
> factory didn't have a good warranty service in place , as it related to
> their distributors . Also the company has not yet geared up enough to be
> able yet to keep a continuous flow of radios to their distributors , so Ed
> really is doing a much better job on backing the warranty than most people
> know and again that has been done ALL ON HIS OWN. That alone speaks VERY
> HIGHLY to why a person should buy through a reputable distributor .
>
> This radio already has quite a history and also quite a back story to get
> to the point that it is at today . A great little rig , in my personal
> opinion .
>
> The group members have been and continue to be the best source of feedback
> and developing on their own some very useful accessories to use with the
> radio . I am quite certain we will see this trend continue to grow and it
> is a great list for one person helping another . There is a whole world of
> accessories that can be designed , built and added to personalize your X1M
> for your particular use .
>
> The NEW USB to DB-9 cable that Ed has now , is a HUGE improvement for
> using the X1M with HRD and doing firmware updates !!! Also the small in
> physical size , made to match the radio , filter from Xiegu , that Ed also
> handles , is a GREAT addition especially to CW and Digital mode operators .
> It can also be used on SSB.
>
> Okay I now I talk way too much , but a LOT of you people that make up this
> group and the excellent work Ed has done and is continuing to do , deserved

> to be posted so at least some of the "NEW" group members could get a brief
> history and background for this radio .
>
> Can hardly wait until the next shipment comes in and we see many "new"
> faces on here . Hope they are sending Ed a LOT of these radios , which
> should arrive in time for Christmas :)
>
> THANKS TO EVERYONE ON THIS GROUP !!! Now start spending more time on the
> air on the mode of your choice with the X1M , since once the company can
> produce enough radios to meet the demand , I want to work every other X1M
> owners that I possibly can. Hey when more of them get into the hands of
> active users we might even need to form an informal set of awards for
> different accomplishments made while using just the X1M :)
>
> Best 73 , Charlie , W5COV
>
>
> On 11/8/2013 12:09 PM, lphebus@... wrote:
>
>
>
> I left the X1M (attached to a netbook via a USB digital interface running
> WSPR software) on all night with a 10% transmit and 90% receive schedule.
> As I mentioned before, the antenna was a multiband end fedz up about 10
> feet between my house and a tree. The rig was fine, and in the morning,
> when I looked at the contacts, I had lots in the continental US and Canada,
> 3 in Japan and 4 in Australia (27 stations received and 30 receiving my
> transmissions). I see this as proof the X1M can handle digital modes and
> the required 2 minute 100% duty cycle transmissions. I'm going to try some
> PSK-31 this afternoon.
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com, <mikejmardis@...><mikejmardis@...>wrote:
>
> I have always bought yaesu. With that being said, I have had very bad
> luck on the service side of this hobby. That includes whatever accessories
> I have purchased from other vendors.
> That all changed when I bought my KX3. What an incredible operation the
> folks at elecraft have running. Excellent product with top notch service.
> It appears that I'm in for another great experience. I look forward to
> continuing supporting Dale and also Import Communications with my business.
>
> Sent from my iPhone
>
> On Nov 8, 2013, at 2:35, "Charlie , W5COV" <cvest@...> wrote:
>
>
>
> Hi Victor ,
>

> Dale sold the PAR EFHW line of his antennas and they are now being
> manufactured and sold by :
>
> http://www.lnrprecision.com/
>
> Dale has a current line of antennas that start at HF and go into the UHF
> region . VERY GOOD antennas with another of his own innovative designs .
> They are called Omniangles .
>
> They have a true omnidirectional pattern and I enjoy that feature , since
> I no longer have to worry about a rotor quitting on the tower , or freezing
> up in the middle of the winter when I am trying to operate and also I don't
> have to take time to wait on rotating a beam or other directional antenna
> during contests , or when a DX station suddenly pops up.
>
> I started out with a 17 meter omniangle and the X1M and have been able to
> add several new countries , most on the first call , since I have had it .
> I plan on having one for every band that he has available . It takes a
> phillips screwdriver and less than 15 minutes to assemble and it is very
> lightweight , but made of high durability , extremely high quality
> materials and can easily be erected by one person . They too , like his
> original EFHW line can be used on other bands by simply quickly changing
> the matching box .
>
> Here is the URL for the HF line of them :
>
> http://www.parelectronics.com/hf-omnis.php
>
> He also has other products designed and built by his company :
>
> http://www.parelectronics.com
>
> You know the designer , owner , and builder , (DALE , W4OP) and can see
> the superb service and time he devotes to helping amateurs all over the
> world from his work and posts on the X1M and all of the many hours he has
> also spent behind the scenes that only a few people are aware of , on the
> testing and making suggestions on the software , hardware , firmware and
> even accessories (developing and paying for the AGC prototypes out of his
> own pocket , plus kitting and selling the AGC kits at no profit , just for
> his cost) for this little jewel of a rig , that he has no financial
> interest in , to make it a real radio , that we can all be proud to own now
> .
>
> He did all of the work on the X1M on his own time , at his own expense ,
> and even took many hours away from his own business , that he makes his
> living from , to help all of us and to make this a fine little rig that
> easily compares with radios that cost at least twice as much as the X1M
> does .
>
> Usual disclaimer for me , no financial interest , etc. etc. just one VERY

> HAPPY & SATISFIED USER AND CUSTOMER !!! I have never even met Dale in
> person .
>
> 72 , Charlie , W5COV
>
> On 11/8/2013 12:36 AM, Victor Schensnovich wrote:
>
>
>
> Charlie, give me please a site of Dale antennas.
> Victor, UA1CEX.
>
>
> -- Выслано через mySecureMail http://mysecurephone.pl/
>
> gordymurrieta@... написал:
>
>
>
> I have the Trail Friendly version 40/20/10 End Fedz, max 25 watt power. I
> ordered a 35-40 watt amplifier so now I'm looking into making the antenna
> work with another toroid and capacitor. I'm going to try an FT140-43 toroid
> and MFJ air variable capacitor to handle the amplified power.
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <cvest@...> <cvest@...> wrote:
>
> Well I am kind of ashamed to admit it since so many others on here are
> using the EFHW with the X1M with great results , that I don't own one YET !!
>
> That , especially a multiband model like you have Lee is going to change
> pretty shortly . One thing that I have a real shortage of is antennas ,
> especially ones that easy to erect and also resonant ones .
>
> For many years as a ham I never even owned a tuner and only got one at
> first because it was part of a "package" that I traded for . Now I am very
> dependent on one until I can get new antennas and replace the old ones .
>
> From reading what the people on here are saying the EFHW and the X1M make
> a great complimentary pair .
>
> Dale's current line of antennas , the HF Omnianges are some really
> outstanding antennas !!! If you want some serious omnidirectional pattern
> antennas then the Omniangles are the way to go .
>
> Charlie , W5COV
>
> On 11/7/2013 10:33 PM, Dale Parfitt wrote:
>
>

>
>
>
> Glad to hear you like the antenna. You can also remove the factory
> radiator and put any half wave wire on the matchbox from 60M to 10M and use
> it monoband.
>
> Dale W4OP
>
> ----- Original Message -----
> *From:* lphebus@...
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Thursday, November 07, 2013 11:27 PM
> *Subject:* [X1M_QRP-Transceiver] End Fedz antenna
>
>
>
> Hey Dale, I am using my X1M with a digital interface running WSPR on 40m.
> I just have to say this 40, 20, 10 end fedz antenna rocks. Just my
> humble opinion...
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13
>
>
>
>
>
>

2144. Re: [X1M_QRP-Transceiver] THOUGHTS AND REFLECTIONS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 22:40:22 UTC
From: Paul Chebi
Topic: 2135 Message: 2144

I'm new at this but I was under the impression that rs232 is being obsoleted since present computers don't even have a seral I/O
. How come the x1m brains didn't think about it a provided a USB connection instead?
Now they're having everybody running around in circles trying to figuring ways ways of interconnecting for them.
Ridiculous
IMHO
73

Paul Chebi kkrptv

Sent from my iPhone

2145. X1M and RS-232

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 22:48:13 UTC
From: Dale Parfitt
Topic: 2145 Message: 2145

I think that if the RS-232 were going away anytime soon, Elecraft would not be still using it on their Flagship K3 transceiver. I am not a digital guru at all, but RS-232 is a rock hard standard.

Dale W4OP

----- Original Message -----
From: Paul Chebi
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, November 08, 2013 5:40 PM
Subject: Re: [X1M_QRP-Transceiver] THOUGHTS AND REFLECTIONS

I'm new at this but I was under the impression that rs232 is being obsoleted since present computers don't even have a seral I/O
. How come the x1m brains didn't think about it a provided a USB connection instead?
Now they're having everybody running around in circles trying to figuring ways ways of interconnecting for them.
Ridiculous
IMHO
73

Paul Chebi kkrptv

Sent from my iPhone

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2146. Re: THOUGHTS AND REFLECTIONS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 23:10:52 UTC
From: Paul W. Ross
Topic: 2135 Message: 2146

Always a bit of confusion here....

The RS-232 connection on the back of the X1M does two things:

1. Allows you to control frequency, various settings. This is what
HRD software does for you.
2. Upgrade firmware.

HOWEVER, to run digital modes, you need to create/decode, etc. the
information from and to your computer. This needs:

1. A sound card
2. Someway to generate the PTT signal to key up the transceiver.
3. Software -- DM780, as part of the HRD suite or ANY OTHER decent
digital mode software.

A typical interface -- my favorite is the SignaLink USB -- has BOTH the
sound card, and the PTT stuff. Hence, you connect the SignaLink to the
microphone jack for input to the radio, and patch the headphone jack to
the input to the SignaLink.

Those are two quite different issues -- controlling the X1M (or any
other transceiver), and dealing with the digital modes.

For example, I run digital modes on my Alinco DX-SR8 <gasp>. It has NO
control mechanism (not quite, but essentially true) for the radio. I
tune manually, and then provide the digital signal to the microphone
jack on the Alinco, and pull the digital signal from the speaker jack.

I am actually using the same SignaLink unit for both my X1M and and
Alinco -- all I had to do was make up an Ethernet jumper from the
SignaLink to the X1M, using the same pinout as the Alinco configuration.
Thus, I didn't have to go into the SignaLink and change any jumpers, etc.

73 /paul W3FIS

2147. Re: Mic suggestions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-08 23:13:16 UTC
From: Paul W. Ross
Topic: 2115 Message: 2147

I use the little absorptive SWR bridge from QRPKits, or <gasp> a "CB" SWR meter from Vanco. Rat Shack sells one as well.

I have the QRPKits one in a box with a switchable dummy load, and a peak-reading diode circuit to check power level. The QRPKits one, of course, is the smallest. It all depends on how paranoid you are about your finals.

73 /paul W3FIS

2148. Re: [X1M_QRP-Transceiver] Re: Mic suggestions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 00:16:33 UTC
From: mikejmardis@...
Topic: 2115 Message: 2148

Thank you Paul

Sent from my iPhone

> On Nov 8, 2013, at 18:13, "Paul W. Ross" <deadgoose@...> wrote:
>
> I use the little absorptive SWR bridge from QRPKits, or <gasp> a "CB"
> SWR meter from Vanco. Rat Shack sells one as well.
>
> I have the QRPKits one in a box with a switchable dummy load, and a
> peak-reading diode circuit to check power level. The QRPKits one, of
> course, is the smallest. It all depends on how paranoid you are about
> your finals.
>
> 73 /paul W3FIS
>

2149. Greetings fom UK

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 01:12:07 UTC
From: m5zzr@btinternet.com
Topic: 2149 Message: 2149

Hello folks. Ordered my X1M Pro on Thursday from UK 'Moonraker' I'm not sure how long these have been available here in the UK but I'd never heard of them until Thursday and there doesn't seem to be a lot of UK activity on here. Hopefully mine will arrive early next week so I can start having some fun. I've only just joined but I've read an awful lot of the threads and looked through all the files, very interesting stuff. Thanks guys. 73. Mel. M5ZZR

2150. RE: Re: Mic suggestions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 01:19:51 UTC
From: <lphebus@...>
Topic: 2115 Message: 2150

Do you mean this one http://www.qrpkits.com/swrindicator.html
http://www.qrpkits.com/swrindicator.html

I have it and I like it.

Even better is this very small tuner that incorporates the same SWR meter with a polyvaricon-based QRP antenna tuner http://www.qrpkits.com/sota.html
http://www.qrpkits.com/sota.html

And finally, this http://emtech.steadynet.com/zm2.shtml
http://emtech.steadynet.com/zm2.shtml is a really nice tuner - SWR meter that is a bit bigger. Check out the 55 reviews on eham.net (average 4.9/5)
http://www.eham.net/reviews/detail/445 http://www.eham.net/reviews/detail/445

I can't help it, I appear to be a "collector"!

---In X1M_QRP-Transceiver@yahoogroups.com, <deadgoose@...> wrote:

I use the little absorptive SWR bridge from QRPKits, or <gasp> a "CB"
SWR meter from Vanco. Rat Shack sells one as well.

I have the QRPKits one in a box with a switchable dummy load, and a
peak-reading diode circuit to check power level. The QRPKits one, of
course, is the smallest. It all depends on how paranoid you are about
your finals.

73 /paul W3FIS

2151. RE: Re: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 02:29:39 UTC
From: <lphebus@...>
Topic: 2079 Message: 2151

I've been doing this, although some might shudder. So far it works. I am mounting a surface mount part, like a 10 pin 0.5 mm pitch voice processor, on a breakout board. The same should apply for a circuit board. First I apply some flux from a flux pen to the pads of the board. I then tin the pads with a bit of additional solder, being careful to avoid or correct any solder bridges. This adds a thicker layer of solder to the pads. Then I apply a bit of flux to the pins of the chip. I then mix up a very small batch of JB Weld epoxy. I put a tiny dab of the epoxy where the "belly" of the chip lies, in an area with no contacts. This works well for chips of the classic bug conformation, where legs extend from both sides. I then carefully place the chip on the board with the legs "perfectly" aligned on the pads. If needed, I push it around a bit. The JB Weld takes perhaps an hour to start solidifying, so there is some time to get the chip perfectly aligned with its feet on the pads. I use a 10X loupe magnifying instrument (see ebay). Push down on the chip to make sure the feet are on the pads... look closely! Let the epoxy dry. Once the epoxy is dry, take a fine tipped soldering iron and heat the "feet" of the chip until solder flows. I do not apply additional solder at this time. Check your connections with a multimeter. So far so good for me... just my experience.

---In X1M_QRP-Transceiver@yahoogroups.com, <r-mason@...> wrote:

Hi Lee,
Thanks. And, my hands are not as steady as when I was younger, but the 'finger' on the jig doesn't shake. When you make the finger, it works best if the tip end is a small flat. Not rounded. An old mouse pad glued to the baseboard, grippy rubber side up keeps the board from moving. Some pads cut from the mouse pad used as feet under the jig keeps the whole thing from sliding around on the bench.

Roger N4HSI

On 11/7/2013 9:05 PM, Lee wrote:

Very nice. I have to build one of these. No more burnt fingers.
Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of r-mason@... mailto:r-mason@...
Sent: Thursday, November 07, 2013 5:45 PM
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: X1M AGC KITS UPDATE

Hi Dale,
Nice little kit. Did I mention that it is little? Besides the usual small iron tip and fine solder, the two tools that enable me to work with surface mount parts are a good magnifier (I use the OptiVisor, head band style) and a holding jig that was the subject of an article in QST, July 2000. I was published again in the book 'More QRP Power'. The jig has a movable arm that is spring loaded to hold the tiny parts in place on the circuit board while leaving both hands free to solder. The swivel/slide action of the arm allows it to

reach any part of even a fairly large circuit board. Mine is made from junk box scraps and doesn't look as nice as the one in the magazine, but functions just as well. I put several photos in the Photos section of the Yahoo Group.

Thanks for your help.
Roger N4HSI

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <parinc1@... mailto:parinc1@...> wrote:
☐
Has everyone who wanted a kit now placed their order? If so, I'll set the "production line" on another bench for now. All orders have been filled.

On the subject of manually building with surface mount- I think there is a lot of information on the WEB already . If anyone wants to know the procedures I use, I'll detail it here on the group. No magic, but results in a nice looking board. Perhaps others can chime in with their own SMD techniques.

Dale W4OP

2152. Re: [X1M_QRP-Transceiver] Greetings fom UK

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 02:46:36 UTC
From: Charlie , W5COV
Topic: 2149 Message: 2152

Very interesting Mel . Can you give us a link to where you bought it ?? As far as I knew there were not any available at the present time , awaiting the company to start another production run . I do think now they are going to have to do one of two things , make MUCH larger production runs , or run the "production line" MUCH more often than they have been doing in the past . Once the news gets around that the company has listened and made the needed improvements , plus the suggested improvements , this radio "should" be difficult for Distributors to keep in stock.

It was my understanding that there were only two authorized distributors in the world . WIMO for Germany , and Ed the largest distributor for them in the world , at Import Communications , http://www.importcommunications.com here in the USA . I know he has invested a VERY substantial amount of money and time to make it the product that it is today and buys the largest quantities of them . There are at least a couple in the UK , because some friends of mine bought them from Ed when they were here in the country visiting .

The final firmware revision has yet to be released too . Also I am sure there are many owners of the original X1M's waiting to be able to get their hands on the updated front and display , that Ed is also handling , to bring their radios up to the current level just like they were purchasing the entire radio , instead of just the up to date front panel assembly . The price for that upgrade looked like a great buy for the difference that it will make in the radio .

This is a GREAT group and many people on here know the radio extremely well , both inside and out , so you will find plenty of support available on here .

Looking forward to when you get your radio in hand . Might have to set up a schedule so we X1M owners , can add the UK to our X1M countries worked :)

73 , Charlie , W5COV

On 11/8/2013 7:12 PM, m5zzr@... wrote:
>
> Hello folks. Ordered my X1M Pro on Thursday from UK 'Moonraker' I'm
> not sure how long these have been available here in the UK but I'd
> never heard of them until Thursday and there doesn't seem to be a lot
> of UK activity on here. Hopefully mine will arrive early next week so
> I can start having some fun. I've only just joined but I've read an
> awful lot of the threads and looked through all the files, very
> interesting stuff. Thanks guys. 73. Mel. M5ZZR

>
>

2153. Re: [X1M_QRP-Transceiver] Re: THOUGHTS AND REFLECTIONS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 03:48:38 UTC
From: Droid Power
Topic: 2135 Message: 2153

why cant we get sound from the rs232?

On Fri, Nov 8, 2013 at 3:10 PM, Paul W. Ross <deadgoose@...> wrote:

>
>
> Always a bit of confusion here....
>
> The RS-232 connection on the back of the X1M does two things:
>
> 1. Allows you to control frequency, various settings. This is what
> HRD software does for you.
> 2. Upgrade firmware.
>
> HOWEVER, to run digital modes, you need to create/decode, etc. the
> information from and to your computer. This needs:
>
> 1. A sound card
> 2. Someway to generate the PTT signal to key up the transceiver.
> 3. Software -- DM780, as part of the HRD suite or ANY OTHER decent
> digital mode software.
>
> A typical interface -- my favorite is the SignaLink USB -- has BOTH the
> sound card, and the PTT stuff. Hence, you connect the SignaLink to the
> microphone jack for input to the radio, and patch the headphone jack to
> the input to the SignaLink.
>
> Those are two quite different issues -- controlling the X1M (or any
> other transceiver), and dealing with the digital modes.
>
> For example, I run digital modes on my Alinco DX-SR8 <gasp>. It has NO
> control mechanism (not quite, but essentially true) for the radio. I
> tune manually, and then provide the digital signal to the microphone
> jack on the Alinco, and pull the digital signal from the speaker jack.
>
> I am actually using the same SignaLink unit for both my X1M and and
> Alinco -- all I had to do was make up an Ethernet jumper from the
> SignaLink to the X1M, using the same pinout as the Alinco configuration.
> Thus, I didn't have to go into the SignaLink and change any jumpers, etc.
>
> 73 /paul W3FIS
>
>

2154. Re: [X1M_QRP-Transceiver] RE: Re: Mic suggestions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 04:34:33 UTC
From: r mason
Topic: 2115 Message: 2154

Agreed on the ZM2 tuner. Very nice and matches most anything quickly. I use mine a lot.

There is also a Chinese QRP tuner kit being sold on eBay for about $20 shipped that is a T-match using poly-varicons and has the LED SWR indicator circuit in it. It's an easy build and works very well but the little red LED was too dim for me to see in daylight. Replacing it with a wide viewing angle and larger LED fixed that problem after adding 5 turns to the secondary of the small toroid that powers the LED. And, remove the .01u bypass cap between the 1N60 diode and ground.

Also have a small CB type meter I sometimes use with QRP rigs. I find that they are not sensitive enough to give a full scale FWD reading below 15 or 20 meters. To fix that I have replaced the resistors at either end of the strip line (usually they are 150 Ohm or so) with 1k Ohm, PC board style variable trimmer resistors. Dial in enough resistance to bring the meter up to full scale on 80 meters while set in FWD, then measure the value of that resistor and adjust the other variable on the REF end of the strip line to match. Double check it to be sure you get a 1:1 when hooked into a 50 Ohm load.

I confess to being 'a collector' too, but my wife says I'm just a pack rat.

Roger N4HSI

On 11/8/2013 8:19 PM, lphebus@... wrote:
>
> Do you mean this one http://www.qrpkits.com/swrindicator.html
>
>
> I have it and I like it.
>
>
> Even better is this very small tuner that incorporates the same SWR
> meter with a polyvaricon-based QRP antenna tuner
> http://www.qrpkits.com/sota.html
>
>
> And finally, this http://emtech.steadynet.com/zm2.shtml is a really
> nice tuner - SWR meter that is a bit bigger. Check out the 55
> reviews on eham.net (average 4.9/5)
>
> http://www.eham.net/reviews/detail/445
>
>
> I can't help it, I appear to be a "collector"!

>
>
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> ---In X1M_QRP-Transceiver@yahoogroups.com, <deadgoose@...> wrote:
>
> I use the little absorptive SWR bridge from QRPKits, or <gasp> a "CB"
> SWR meter from Vanco. Rat Shack sells one as well.
>
> I have the QRPKits one in a box with a switchable dummy load, and a
> peak-reading diode circuit to check power level. The QRPKits one, of
> course, is the smallest. It all depends on how paranoid you are about
> your finals.
>
> 73 /paul W3FIS
>

2155. Re: [X1M_QRP-Transceiver] Greetings fom UK

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 07:50:38 UTC
From: Stephen Farthing
Topic: 2149 Message: 2155

Hi Mel and welcome to the group,

I own one but it is still in the USA with a fellow ham awaiting his next trip over here, I was not aware that Moonraker stocked them. However after some digging around their web site I found :-

http://www.moonraker.eu/amateur-radio-1/transceivers-and-brand-accessories/base-transceiver/all-other-base-transceiver/x1m-platinum-5-band-qrp-80-10m-hf-transceiver

The price seems pretty reasonable. I hope that you enjoy the radio. And as Charlie says this is one of the more friendly and productive newsgroups around.

If WIMO do have the distribution rights for the EU it might be advisable for others to buy from Moonraker pretty quickly. WIMO have a reputation for protecting their turf!

73s from a crisp and cold England,

Steve G0XAR

On 9 November 2013 01:12, m5zzr@btinternet.com <m5zzr@...> wrote:

>
>
> Hello folks. Ordered my X1M Pro on Thursday from UK 'Moonraker' I'm not
> sure how long these have been available here in the UK but I'd never heard
> of them until Thursday and there doesn't seem to be a lot of UK activity on
> here. Hopefully mine will arrive early next week so I can start having some
> fun. I've only just joined but I've read an awful lot of the threads and
> looked through all the files, very interesting stuff. Thanks guys. 73. Mel.
> M5ZZR
>
>
>

2156. RE: Greetings fom UK

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 08:13:12 UTC
From: <andreas.fuehrmann@...>
Topic: 2149 Message: 2156

Wimo is selling to end customers and resellers. Maybe Moonraker get their rigs from Wimo.

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <squirrox@...> wrote:

Hi Mel and welcome to the group,

I own one but it is still in the USA with a fellow ham awaiting his next trip over here, I was not aware that Moonraker stocked them. However after some digging around their web site I found :-

http://www.moonraker.eu/amateur-radio-1/transceivers-and-brand-accessories/base-transceiver/all-other-base-transceiver/x1m-platinum-5-band-qrp-80-10m-hf-transceiver http://www.moonraker.eu/amateur-radio-1/transceivers-and-brand-accessories/base-transceiver/all-other-base-transceiver/x1m-platinum-5-band-qrp-80-10m-hf-transceiver

The price seems pretty reasonable. I hope that you enjoy the radio. And as Charlie says this is one of the more friendly and productive newsgroups around.

If WIMO do have the distribution rights for the EU it might be advisable for others to buy from Moonraker pretty quickly. WIMO have a reputation for protecting their turf!

73s from a crisp and cold England,

Steve G0XAR

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Hello folks. Ordered my X1M Pro on Thursday from UK 'Moonraker' I'm not sure how long these have been available here in the UK but I'd never heard of them until Thursday and there doesn't seem to be a lot of UK activity on here. Hopefully mine will arrive early next week so I can start having some fun. I've only just joined but I've read an awful lot of the threads and looked through all the files, very interesting stuff. Thanks guys. 73. Mel. M5ZZR

2157. RE: Mic suggestions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 08:15:17 UTC
From: <andreas.fuehrmann@...>
Topic: 2115 Message: 2157

Great hints on the Chinese QRP tuner kit. I am waiting for one and will implement your mods as soon as I get it.

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <r-mason@...> wrote:

Agreed on the ZM2 tuner. Very nice and matches most anything quickly. I use mine a lot.

There is also a Chinese QRP tuner kit being sold on eBay for about $20 shipped that is a T-match using poly-varicons and has the LED SWR indicator circuit in it. It's an easy build and works very well but the little red LED was too dim for me to see in daylight. Replacing it with a wide viewing angle and larger LED fixed that problem after adding 5 turns to the secondary of the small toroid that powers the LED. And, remove the .01u bypass cap between the 1N60 diode and ground.

Also have a small CB type meter I sometimes use with QRP rigs. I find that they are not sensitive enough to give a full scale FWD reading below 15 or 20 meters. To fix that I have replaced the resistors at either end of the strip line (usually they are 150 Ohm or so) with 1k Ohm, PC board style variable trimmer resistors. Dial in enough resistance to bring the meter up to full scale on 80 meters while set in FWD, then measure the value of that resistor and adjust the other variable on the REF end of the strip line to match. Double check it to be sure you get a 1:1 when hooked into a 50 Ohm load.

I confess to being 'a collector' too, but my wife says I'm just a pack rat.

Roger N4HSI

On 11/8/2013 8:19 PM, lphebus@... mailto:lphebus@... wrote:

Do you mean this one http://www.qrpkits.com/swrindicator.html
http://www.qrpkits.com/swrindicator.html

I have it and I like it.

Even better is this very small tuner that incorporates the same SWR meter with a polyvaricon-based QRP antenna tuner http://www.qrpkits.com/sota.html
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And finally, this http://emtech.steadynet.com/zm2.shtml
http://emtech.steadynet.com/zm2.shtml is a really nice tuner - SWR meter that is a bit bigger. Check out the 55 reviews on eham.net (average 4.9/5)
http://www.eham.net/reviews/detail/445 http://www.eham.net/reviews/detail/445

I can't help it, I appear to be a "collector"!

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <deadgoose@...> mailto:deadgoose@... wrote:

I use the little absorptive SWR bridge from QRPKits, or <gasp> a "CB" SWR meter from Vanco. Rat Shack sells one as well.

I have the QRPKits one in a box with a switchable dummy load, and a peak-reading diode circuit to check power level. The QRPKits one, of course, is the smallest. It all depends on how paranoid you are about your finals.

73 /paul W3FIS

2158. Re: [X1M_QRP-Transceiver] RE: Mic suggestions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 08:21:02 UTC
From: Droid Power
Topic: 2115 Message: 2158

waht's the name of the chinese tuner?

On Sat, Nov 9, 2013 at 12:15 AM, <andreas.fuehrmann@...> wrote:

>
>
> Great hints on the Chinese QRP tuner kit. I am waiting for one and will
> implement your mods as soon as I get it.
>
>
> Andy, DC3AFA
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <r-mason@...> wrote:
>
> Agreed on the ZM2 tuner. Very nice and matches most anything quickly. I
> use mine a lot.
>
> There is also a Chinese QRP tuner kit being sold on eBay for about $20
> shipped that is a T-match using poly-varicons and has the LED SWR indicator
> circuit in it. It's an easy build and works very well but the little red
> LED was too dim for me to see in daylight. Replacing it with a wide
> viewing angle and larger LED fixed that problem after adding 5 turns to the
> secondary of the small toroid that powers the LED. And, remove the .01u
> bypass cap between the 1N60 diode and ground.
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> Also have a small CB type meter I sometimes use with QRP rigs. I find
> that they are not sensitive enough to give a full scale FWD reading below
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> of the strip line (usually they are 150 Ohm or so) with 1k Ohm, PC board
> style variable trimmer resistors. Dial in enough resistance to bring the
> meter up to full scale on 80 meters while set in FWD, then measure the
> value of that resistor and adjust the other variable on the REF end of the
> strip line to match. Double check it to be sure you get a 1:1 when hooked
> into a 50 Ohm load.
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> I confess to being 'a collector' too, but my wife says I'm just a pack
> rat.
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> Roger N4HSI
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> On 11/8/2013 8:19 PM, lphebus@... wrote:
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> Do you mean this one http://www.qrpkits.com/swrindicator.html
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> Even better is this very small tuner that incorporates the same SWR
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> And finally, this http://emtech.steadynet.com/zm2.shtml is a really
> nice tuner - SWR meter that is a bit bigger. Check out the 55 reviews on
> eham.net (average 4.9/5)
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> ---In X1M_QRP-Transceiver@yahoogroups.com, <deadgoose@...> <deadgoose@...>wrote:
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> I have the QRPKits one in a box with a switchable dummy load, and a
> peak-reading diode circuit to check power level. The QRPKits one, of
> course, is the smallest. It all depends on how paranoid you are about
> your finals.
>
> 73 /paul W3FIS
>
>
>
>

2159. RE: Mic suggestions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 08:33:47 UTC
From: Ian Coots
Topic: 2115 Message: 2159
Attachments: 1 described; binary payloads are missing from this source WARC

I checked the ~$20 QRP tuner kit on eBay, and I guess the description (below) say s it all.

"Just Kit For Diy!!
This kit requires some soldering electronic technology, will recognize the device, it will weld, the basic need debugging, as long as careful assembly according to package instructions can succeed. If the novice find weld on the error, intended to build the first not handle, please contact customer service personnel will get the appropriate technical guidance.
This kit welding, making easy to understand, easier to learn, easy to use. Comes with standing instructions, Q9 type interface (such as the need to be self to M-type interface), using T-topology networks, QRP facilitate communication with the low-power transceiver (shoes, frogs, octopus, etc.) used to make transceiver and antenna valid match, meet your emission requirements, ensure a highly efficient radio communications."

I for one can't wait for my first QRP contact with a shoe or a frog, and an octopus would have to be something special I'm guessing????

Regards,

Ian VK3YIC

ausflag

2160. Re: [X1M_QRP-Transceiver] Antenna Tuner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 09:45:43 UTC
From: Charlie , W5COV
Topic: 2160 Message: 2160

At least they have a decent diagram for it and the price doesn't seem too bad .

Anyone know of a source of cheap poly-varicons these days ? My source of poly-varicons has dried up so I don't build many QRP tuners these days and it also limits what receivers I can build .(Roger , I think in the case of these I am going to be one step deeper and be a hoarder and not just a sensible collector) <grin>

I am sure among all of us in the group that we could design a decent small tuner and maybe do a group buy of parts , then like with the AGC , we would all be on the "same page" to help out new owners and builders . Maybe even paint and a decal to "match" the X1M :)

Charlie , W5COV

On 11/9/2013 2:21 AM, Droid Power wrote:
> wahts the name of the chinese tuner?
>
>
> On Sat, Nov 9, 2013 at 12:15 AM, <andreas.fuehrmann@...
> <mailto:andreas.fuehrmann@...>> wrote:
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> ---In x1m_qrp-transceiver@yahoogroups.com
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> There is also a Chinese QRP tuner kit being sold on eBay for
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> in daylight. Replacing it with a wide viewing angle and larger
> LED fixed that problem after adding 5 turns to the secondary of
> the small toroid that powers the LED. And, remove the .01u bypass
> cap between the 1N60 diode and ground.
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> find that they are not sensitive enough to give a full scale FWD
> reading below 15 or 20 meters. To fix that I have replaced the
> resistors at either end of the strip line (usually they are 150
> Ohm or so) with 1k Ohm, PC board style variable trimmer
> resistors. Dial in enough resistance to bring the meter up to
> full scale on 80 meters while set in FWD, then measure the value
> of that resistor and adjust the other variable on the REF end of
> the strip line to match. Double check it to be sure you get a 1:1
> when hooked into a 50 Ohm load.
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> I confess to being 'a collector' too, but my wife says I'm just a
> pack rat.
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> Roger N4HSI
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> On 11/8/2013 8:19 PM, lphebus@... <mailto:lphebus@...> wrote:
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>> Do you mean this one http://www.qrpkits.com/swrindicator.html
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>> Even better is this very small tuner that incorporates the
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>> And finally, this http://emtech.steadynet.com/zm2.shtml is a
>> really nice tuner - SWR meter that is a bit bigger. Check out
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>> your finals.
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>> 73 /paul W3FIS
>
>
>

2161. Re: [X1M_QRP-Transceiver] Antenna Tuner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 09:51:27 UTC
From: Stephen Farthing
Topic: 2160 Message: 2161

Charlie,

If you are a member of the GQRP club the club shop has some. If you need a couple I can help you out FOC.

73s Steve G0XAR

On 9 November 2013 09:45, Charlie , W5COV <cvest@...> wrote:

>
>
> At least they have a decent diagram for it and the price doesn't seem too
> bad .
>
> Anyone know of a source of cheap poly-varicons these days ? My source of
> poly-varicons has dried up so I don't build many QRP tuners these days and
> it also limits what receivers I can build .(Roger , I think in the case of
> these I am going to be one step deeper and be a hoarder and not just a
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> I am sure among all of us in the group that we could design a decent small
> tuner and maybe do a group buy of parts , then like with the AGC , we would
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>> meter up to full scale on 80 meters while set in FWD, then measure the
>> value of that resistor and adjust the other variable on the REF end of the
>> strip line to match. Double check it to be sure you get a 1:1 when hooked
>> into a 50 Ohm load.
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>> I confess to being 'a collector' too, but my wife says I'm just a pack
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>> Roger N4HSI
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>> And finally, this http://emtech.steadynet.com/zm2.shtml is a really
>> nice tuner - SWR meter that is a bit bigger. Check out the 55 reviews on
>> eham.net (average 4.9/5)
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>> course, is the smallest. It all depends on how paranoid you are about
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>> 73 /paul W3FIS
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>>
>>
>
>
>

2162. Re: [X1M_QRP-Transceiver] RE: Mic suggestions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 10:43:29 UTC
From: Droid Power
Topic: 2115 Message: 2162
Attachments: 1 described; binary payloads are missing from this source WARC

i really wish theyd sell it premade. im no good with kits

On Sat, Nov 9, 2013 at 12:33 AM, Ian Coots <ianrob@...> wrote:

>
>
> I checked the ~$20 QRP tuner kit on eBay, and I guess the description
> (below) say s it all.
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>
> *“Just Kit For Diy!!This kit requires some soldering electronic
> technology, will recognize the device, it will weld, the basic need
> debugging, as long as careful assembly according to package instructions
> can succeed. If the novice find weld on the error, intended to build the
> first not handle, please contact customer service personnel will get the
> appropriate technical guidance.This kit welding, making easy to understand,
> easier to learn, easy to use. Comes with standing instructions, Q9 type
> interface (such as the need to be self to M-type interface), using
> T-topology networks, QRP facilitate communication with the low-power
> transceiver (shoes, frogs, octopus, etc.) used to make transceiver and
> antenna valid match, meet your emission requirements, ensure a highly
> efficient radio communications.”*
>
>
>
> I for one can’t wait for my first QRP contact with a shoe or a frog, and
> an octopus would have to be something special I’m guessing????
>
>
>
> Regards,
>
>
>
> Ian VK3YIC
>
> [image: ausflag]
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>

2163. Re: THOUGHTS AND REFLECTIONS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 13:59:30 UTC
From: Paul W. Ross
Topic: 2135 Message: 2163

The RS-232 standard is for DIGITAL information only. It was designed originally for such things as modems. There are two versions -- 25 pin (rarely found, lots of extra control signals), and the 9 pin. In reality, you only need three wires -- data in, data out, and ground (not counting how you do "handshaking"). It has generally been supplanted by the USB connector -- data in, data out, ground, and +5volts. The "handshaking" is then done by software.

The problem with the RS-232 on the X1M is that the signal levels are NOT the standard for "real" RS-232. A level converter is needed. There are two versions of the X1M interface:

1. Old version -- just converts between "X1M" levels and standard RS-232 levels -- you need an additional RS-232 to USB converter.

2. Old better -- does BOTH in one unit. The converter is in the grey shell on the RS-232 end of the cable.

Again, if you want audio, you get it from the X1M Headphone jack, and input to the microphone jack. PTT is one of the pins on the microphone jack. See the "User's guide" for the pin out.

BTW, when I get my replacement for my defunct X1M, I'll revise the manual to reflect these issues, and any changes due to the new firmware.

73 /paul W3FIS

2164. Re: Mic suggestions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 14:01:11 UTC
From: Paul W. Ross
Topic: 2115 Message: 2164

Yes, that is the indicator. I have the SOTA tuner as well. That is SMALL!

73 /paul W3FIS

2165. Re: Mic suggestions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 14:03:34 UTC
From: Paul W. Ross
Topic: 2115 Message: 2165

Truthfully, a "T" match is the better bet, as it has a better tuning range. However, you have two parameters to match (resistance and reactance), and THREE variables on a "T" match, so there is no unique setting. I have an MFJ-901 "Travel Tuner," and you adjust that for a match, then attempt to reduce the "L" value and re-tune, if possible. The loss is in the inductance, and you want to minimize that.

73 / paul W3FIS

2166. Re: Antenna Tuner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 14:08:03 UTC
From: Paul W. Ross
Topic: 2160 Message: 2166

I believe QRP kits will sell you polyvaricons

See this:

http://qrpkits.com/polyvaricons.html

73 /paul W3FIS

2167. FS: X1M original

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 14:08:45 UTC
From: Keith Heimbold
Topic: 2115 Message: 2167

For Sale: X1M original model. Works well. Out of work and need to sell. $225 shipped to lower 48. Microphone leads need to be resoldered as they were pulled off connector. Received in August 2013. Thanks for looking. Keith AK6ZZ

Sent from my iPhone please excuse typos

> On Nov 9, 2013, at 12:33 AM, "Ian Coots" <ianrob@ncable.net.au> wrote:
>
> I checked the ~$20 QRP tuner kit on eBay, and I guess the description (below) say s it all.
>
>
>
> “Just Kit For Diy!!
> This kit requires some soldering electronic technology, will recognize the device, it will weld, the basic need debugging, as long as careful assembly according to package instructions can succeed. If the novice find weld on the error, intended to build the first not handle, please contact customer service personnel will get the appropriate technical guidance.
> This kit welding, making easy to understand, easier to learn, easy to use. Comes with standing instructions, Q9 type interface (such as the need to be self to M-type interface), using T-topology networks, QRP facilitate communication with the low-power transceiver (shoes, frogs, octopus, etc.) used to make transceiver and antenna valid match, meet your emission requirements, ensure a highly efficient radio communications.”
>
>
>
> I for one can’t wait for my first QRP contact with a shoe or a frog, and an octopus would have to be something special I’m guessing????
>
>
>
> Regards,
>
>
>
> Ian VK3YIC
>
> <image001.gif>
>
>
>
>
>
>

2168. Re: Mic suggestions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 14:10:37 UTC
From: Paul W. Ross
Topic: 2115 Message: 2168

If you will buy me one, I will build you one. You buy two, send them to me, I build them, send one to you.

73 /paul W3FIS

2169. Re: [X1M_QRP-Transceiver] Re: Mic suggestions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 14:35:24 UTC
From: r mason
Topic: 2115 Message: 2169

That sounds like a really good deal, Paul. The tuner is an easy build, one fairly large toroid to wind with taps, a small circuit board for the swr circuit, a few holes to drill in the case, etc. There is a seller on eBay selling the same tuner completed for near $90. Note that it is offered in two versions, either BNC or SO-239 connectors. The supplied case label is in Chinese, so most of us need to come up with something different. I had planned to buy a second one and build it as a Z-match, but hit upon a good deal on a ZM-2. I couldn't collect all the parts for the $20 price of the kit.

I know Dale is thinking about the tuner losses vs. using a resonant antenna :-)

Would an octopus be an 8 element antenna?? Gain? Front to Back ratio?

Roger N4HSI

On 11/9/2013 9:10 AM, Paul W. Ross wrote:
>
> If you will buy me one, I will build you one. You buy two, send them to
> me, I build them, send one to you.
>
> 73 /paul W3FIS
>
>

2170. Re: Antenna Tuner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 15:29:05 UTC
From: VIDMA MICKEVICIUS
Topic: 2160 Message: 2170
Attachments: 5 described; binary payloads are missing from this source WARC

My Sota mini tuner.
Works great!
LY2HT

2171. Re: [X1M_QRP-Transceiver] Re: Antenna Tuner [5 Attachments]

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 15:35:46 UTC
From: r mason
Topic: 2171 Message: 2171

Very nicely done!
N4HSI

On 11/9/2013 10:29 AM, VIDMA MICKEVICIUS wrote:
> My Sota mini tuner.
> Works great!
> LY2HT
>

2172. Re: [X1M_QRP-Transceiver] Re: Mic suggestions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 15:46:18 UTC
From: mikejmardis@...
Topic: 2115 Message: 2172

I think the octopus is a vertical w/ 8 radials. Lol

Sent from my iPhone

> On Nov 9, 2013, at 9:35, r mason <r-mason@...> wrote:
>
> That sounds like a really good deal, Paul. The tuner is an easy build, one fairly large toroid to wind with taps, a small circuit board for the swr circuit, a few holes to drill in the case, etc. There is a seller on eBay selling the same tuner completed for near $90. Note that it is offered in two versions, either BNC or SO-239 connectors. The supplied case label is in Chinese, so most of us need to come up with something different. I had planned to buy a second one and build it as a Z-match, but hit upon a good deal on a ZM-2. I couldn't collect all the parts for the $20 price of the kit.
>
> I know Dale is thinking about the tuner losses vs. using a resonant antenna :-)
>
> Would an octopus be an 8 element antenna?? Gain? Front to Back ratio?
>
> Roger N4HSI
>
>
>> On 11/9/2013 9:10 AM, Paul W. Ross wrote:
>>
>> If you will buy me one, I will build you one. You buy two, send them to
>> me, I build them, send one to you.
>>
>> 73 /paul W3FIS
>
>

2173. Re: Antenna Tuner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 15:55:49 UTC
From: VIDMA MICKEVICIUS
Topic: 2160 Message: 2173
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

2174. RE: Re: [X1M_QRP-Transceiver] Re: Antenna Tuner [5 Attachments]

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 16:12:02 UTC
From: <vidmantas_mickevicius@...>
Topic: 2171 Message: 2174

Thanks, OM Roger.
LY2HT Vidmantas.(Vidma)

---In x1m_qrp-transceiver@yahoogroups.com, <r-mason@...> wrote:

Very nicely done!
N4HSI

On 11/9/2013 10:29 AM, VIDMA MICKEVICIUS wrote:

My Sota mini tuner. Works great!
LY2HT

2175. RE: Re: [X1M_QRP-Transceiver] Re: Antenna Tuner [5 Attachments]

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 16:27:35 UTC
From: <andreas.fuehrmann@...>
Topic: 2171 Message: 2175

Looks very nice!

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <vidmantas_mickevicius@...> wrote:

Thanks, OM Roger.
LY2HT Vidmantas.(Vidma)

---In x1m_qrp-transceiver@yahoogroups.com, <r-mason@...> wrote:

Very nicely done!
N4HSI

On 11/9/2013 10:29 AM, VIDMA MICKEVICIUS wrote:

My Sota mini tuner. Works great!
LY2HT

2176. Re: Greetings fom UK

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 17:00:05 UTC
From: m5zzr@btinternet.com
Topic: 2149 Message: 2176

Hi Charlie, Steve, Andy n all. It's very good to meet you all. I purchased mine via Ebay - the seller was Moonraker. They also have them listed on their website. I don't know how many they have left?

I have an IC-703 but I was looking for a kit - something a bit more 'home-brew' and trail friendly. One band, CW only, would have satisfied me but I couldn't find a kit I liked; I have been on the lookout for some time.

Then! On Thursday I saw this. I knew absolutely nothing about it. I'd never heard of it before but could hardly believe the specs so I purchased it straight away. They had 6 on offer at the time and I purchased the 3rd.

Of course I started researching what I'd purchased after the event and it was then that I realised what a little gem I'd acquired.

I hope to get delivery Mon - Wed and will let the group know how I get on. It will exceed my expectations that's for sure, given my original plan was a kit along 'Walford' lines. Anyway in preparation for the day I've knocked up a rather nice EFHWA a la 'Diana En'.

Aren't we lucky? Mel. M5ZZR

2177. Re: Greetings fom UK

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 17:05:09 UTC
From: m5zzr@btinternet.com
Topic: 2149 Message: 2177

Meant to type Diana ENG.

2178. Re: Mic suggestions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 17:14:11 UTC
From: m5zzr@btinternet.com
Topic: 2115 Message: 2178

--- In X1M_QRP-Transceiver@yahoogroups.com, wrote
> In addition to mic options, what are people using for an swr meter. Something pretty accurate and can tuck away in my backpack for field use I'm ordering an elecraft T1 auto tuner. I also ordered the filter from Ed when I ordered the radio. AGC kit ordered. Any other suggestions for getting the most of the little miracle?

I've not got my X1M yet - it should be here in a day or two. I've recently finished building a Forward/Reverse power meter from Kanga kits UK called the 'Oner' My plan is to use this for SWR measurement. It's very small and it could have been constructed even smaller, I used enclosure and MC meter I hade in my junk box. Full scale fwd reading at 100mW, maximum input 10w. Mel. M5ZZR.

2179. Re: Antenna Tuner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 17:35:00 UTC
From: Paul W. Ross
Topic: 2160 Message: 2179

I had to take one turn off of the toroid to get it to tune up to 20 meters. Now does 40/30/20 within the range of the capacitor.

73 /paul W3FIS

2180. Re: [X1M_QRP-Transceiver] Re: Antenna Tuner [5 Attachments]

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 19:42:41 UTC
From: Droid Power
Topic: 2160 Message: 2180

How much is that amplifier you have

On Sat, Nov 9, 2013 at 7:29 AM, VIDMA MICKEVICIUS <vidma3@...> wrote:

>
>
> My Sota mini tuner.
> Works great!
> LY2HT
>
>
>

2181. Re: [X1M_QRP-Transceiver] Antenna Tuner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 20:23:46 UTC
From: M_AND_R_SHAREF
Topic: 2160 Message: 2181

For poly-varicons you might try Dan's Small Parts. 73

On Sat, Nov 9, 2013 at 4:45 AM, Charlie , W5COV <cvest@...> wrote:

>
>
> At least they have a decent diagram for it and the price doesn't seem too
> bad .
>
> Anyone know of a source of cheap poly-varicons these days ? My source of
> poly-varicons has dried up so I don't build many QRP tuners these days and
> it also limits what receivers I can build .(Roger , I think in the case of
> these I am going to be one step deeper and be a hoarder and not just a
> sensible collector) <grin>
>
> I am sure among all of us in the group that we could design a decent small
> tuner and maybe do a group buy of parts , then like with the AGC , we would
> all be on the "same page" to help out new owners and builders . Maybe even
> paint and a decal to "match" the X1M :)
>
> Charlie , W5COV
>
>
> On 11/9/2013 2:21 AM, Droid Power wrote:
>
>
> wahts the name of the chinese tuner?
>
>
> On Sat, Nov 9, 2013 at 12:15 AM, <andreas.fuehrmann@...> wrote:
>
>>
>>
>> Great hints on the Chinese QRP tuner kit. I am waiting for one and will
>> implement your mods as soon as I get it.
>>
>>
>> Andy, DC3AFA
>>
>>
>> ---In x1m_qrp-transceiver@yahoogroups.com, <r-mason@...> <r-mason@...>wrote:
>>
>> Agreed on the ZM2 tuner. Very nice and matches most anything quickly.
>> I use mine a lot.
>>

>> There is also a Chinese QRP tuner kit being sold on eBay for about $20
>> shipped that is a T-match using poly-varicons and has the LED SWR indicator
>> circuit in it. It's an easy build and works very well but the little red
>> LED was too dim for me to see in daylight. Replacing it with a wide
>> viewing angle and larger LED fixed that problem after adding 5 turns to the
>> secondary of the small toroid that powers the LED. And, remove the .01u
>> bypass cap between the 1N60 diode and ground.
>>
>> Also have a small CB type meter I sometimes use with QRP rigs. I find
>> that they are not sensitive enough to give a full scale FWD reading below
>> 15 or 20 meters. To fix that I have replaced the resistors at either end
>> of the strip line (usually they are 150 Ohm or so) with 1k Ohm, PC board
>> style variable trimmer resistors. Dial in enough resistance to bring the
>> meter up to full scale on 80 meters while set in FWD, then measure the
>> value of that resistor and adjust the other variable on the REF end of the
>> strip line to match. Double check it to be sure you get a 1:1 when hooked
>> into a 50 Ohm load.
>>
>> I confess to being 'a collector' too, but my wife says I'm just a pack
>> rat.
>>
>> Roger N4HSI
>>
>>
>> On 11/8/2013 8:19 PM, lphebus@... wrote:
>>
>>
>>
>> Do you mean this one http://www.qrpkits.com/swrindicator.html
>>
>>
>> I have it and I like it.
>>
>>
>> Even better is this very small tuner that incorporates the same SWR
>> meter with a polyvaricon-based QRP antenna tuner
>> http://www.qrpkits.com/sota.html
>>
>>
>> And finally, this http://emtech.steadynet.com/zm2.shtml is a really
>> nice tuner - SWR meter that is a bit bigger. Check out the 55 reviews on
>> eham.net (average 4.9/5)
>>
>> http://www.eham.net/reviews/detail/445
>>
>>
>> I can't help it, I appear to be a "collector"!
>>
>>
>> ---In X1M_QRP-Transceiver@yahoogroups.com, <deadgoose@...><deadgoose@...>wrote:

>>
>> I use the little absorptive SWR bridge from QRPKits, or <gasp> a "CB"
>> SWR meter from Vanco. Rat Shack sells one as well.
>>
>> I have the QRPKits one in a box with a switchable dummy load, and a
>> peak-reading diode circuit to check power level. The QRPKits one, of
>> course, is the smallest. It all depends on how paranoid you are about
>> your finals.
>>
>> 73 /paul W3FIS
>>
>>
>>
>
>
>

2182. X1M AGC KITS ALL GONE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 20:28:09 UTC
From: <parinc1@...>
Topic: 2182 Message: 2182

All boards and parts are spoken for.
If someone else wants to make another run, I will be more than glad to send you the ExpressPCB file and the Digikey/Newark parts list.

73,

Dale W4OP

2183. Re: Antenna Tuner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 20:51:02 UTC
From: VIDMA MICKEVICIUS
Topic: 2160 Message: 2183

Hi, OM
How much my Amplifier?
It is my own version of Mike WA2EBY and Virgil K5OOR constructions:
http://www.golddredgervideo.com/kc0wox/wa2ebyamp/amppart1.pdf

http://site.hfprojectsyahoo.com/yahoo_site_admin/assets/docs/HFPackerAmp3.227113959.pdf
It contains an linear amplifier, LPF's , 12 V DC to 25 V DC x 7 Amp
converter and automatic cooling control system.
Sorry, this rig is very expensive for me, as is made by myself (if you
asked about price (?).
Such an amplifier is very good "helper" for any qrp transceiver.
73!

2184. Re: [X1M_QRP-Transceiver] Re: Antenna Tuner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-09 20:54:43 UTC
From: Droid Power
Topic: 2160 Message: 2184

how much would u say was the total cost of building it

On Sat, Nov 9, 2013 at 12:51 PM, VIDMA MICKEVICIUS <vidma3@...> wrote:

>
>
> Hi, OM
> How much my Amplifier?
> It is my own version of Mike WA2EBY and Virgil K5OOR constructions:
> http://www.golddredgervideo.com/kc0wox/wa2ebyamp/amppart1.pdf
>
>
> http://site.hfprojectsyahoo.com/yahoo_site_admin/assets/docs/HFPackerAmp3.227113959.pdf
> It contains an linear amplifier, LPF's , 12 V DC to 25 V DC x 7 Amp
> converter and automatic cooling control system.
> Sorry, this rig is very expensive for me, as is made by myself (if you
> asked about price (?).
> Such an amplifier is very good "helper" for any qrp transceiver.
> 73!
>
>
>

2185. RE: Re: [X1M_QRP-Transceiver] Re: Antenna Tuner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 00:44:20 UTC
From: <lphebus@...>
Topic: 2160 Message: 2185

Check this site, http://site.hfprojectsyahoo.com/hf_packer-amp
http://site.hfprojectsyahoo.com/hf_packer-amp
And the reviews on www.eham.net

---In X1M_QRP-Transceiver@yahoogroups.com, <droidgsm2013@...> wrote:

how much would u say was the total cost of building it

On Sat, Nov 9, 2013 at 12:51 PM, VIDMA MICKEVICIUS <vidma3@... mailto:vidma3@...> wrote:
Hi, OM How much my Amplifier?
It is my own version of Mike WA2EBY and Virgil K5OOR constructions:
http://www.golddredgervideo.com/kc0wox/wa2ebyamp/amppart1.pdf
http://www.golddredgervideo.com/kc0wox/wa2ebyamp/amppart1.pdf

http://site.hfprojectsyahoo.com/yahoo_site_admin/assets/docs/HFPackerAmp3.227113959.pdf
http://site.hfprojectsyahoo.com/yahoo_site_admin/assets/docs/HFPackerAmp3.227113959.pdf

It contains an linear amplifier, LPF's , 12 V DC to 25 V DC x 7 Amp converter and automatic cooling control system.
Sorry, this rig is very expensive for me, as is made by myself (if you asked about price (?).
Such an amplifier is very good "helper" for any qrp transceiver.
73!

2186. Re: [X1M_QRP-Transceiver] Re: Antenna Tuner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 01:27:31 UTC
From: Charlie , W5COV
Topic: 2160 Message: 2186

Ed has Xiegu building an amplifier to match with the X1M , IF a person wants to add an amp and also have one that should match the looks of the radio .

Dale listed a place on eBay , that sells the matching extrusions for the X1M , so a person could build their own amp , make a matching filter box for all the other bands , build an antenna tuner / SWR / WATT METER ,external speaker , power supply , digital mode interface , all sorts of projects that are easy to build and can be made to match the looks of the radio . You could even combine one or two projects in the same box . Power MOSFETS are pretty cheap if you want to do some design and experimenting and come in all different values , and require a pretty minimal number of other parts to build an amplifier all the way up to the 100 watt range pretty easily .

It is a great little radio to use as the center piece to let your imagination run wild and start building and learning new things along the way . A person could make an entire desk line up of all matching accessories , just like all of the "big boy radio manufacturers from Japan" offer to "show off" a beautiful little station .

Build yourself a "big gun" contester style headset with boom mike , out of one of the very very plentiful computer headsets , that can be picked up for a song . Get creative and build a desk mike to the scale of the radio , like a D-104 or a Shure 444 . Add a cheap digital clock / timer to one of your X1M station accessories that you build . Maybe 2 clocks , one on UTC and one on local time .

These are just some general ideas that come to mind to use it as a "base station" radio . You could probably get even fancier with Arduino and other such platforms , for even more projects .

Charlie , W5COV

On 11/9/2013 6:44 PM, lphebus@... wrote:
>
> Check this site, http://site.hfprojectsyahoo.com/hf_packer-amp
>
> And the reviews on www.eham.net
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com, <droidgsm2013@...> wrote:
>
> how much would u say was the total cost of building it
>

>
> On Sat, Nov 9, 2013 at 12:51 PM, VIDMA MICKEVICIUS <vidma3@...
> <mailto:vidma3@...>> wrote:
>
> Hi, OM
> How much my Amplifier?
> It is my own version of Mike WA2EBY and Virgil
> K5OOR constructions:
> http://www.golddredgervideo.com/kc0wox/wa2ebyamp/amppart1.pdf
>
> http://site.hfprojectsyahoo.com/yahoo_site_admin/assets/docs/HFPackerAmp3.227113959.pdf
> It contains an linear amplifier, LPF's , 12 V DC to 25 V DC x
> 7 Amp converter and automatic cooling control system.
> Sorry, this rig is very expensive for me, as is made by myself
> (if you asked about price (?).
> Such an amplifier is very good "helper" for any qrp transceiver.
> 73!
>
>
>

2187. Headphones and the X1M: Heil Traveler?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 02:17:44 UTC
From: David Moisan
Topic: 2187 Message: 2187

I am shopping for my first HF rig after being an Extra for nearly 20 years without HF. The Xiegu is perhaps the first rig I've seen that I have any chance of buying. I nearly got an Icom 703 a few years ago but thanks to a new revision of the radio (this was some 10 years ago) and the Yen rate, I could not pull the trigger on it. I'm in an apartment and have never been on HF. ☹

I have a Heil Traveler headset with the Kenwood HT adapter. (I volunteered at the Boston Marathon for years with this headset. I loved it. If it could block noise there for this hearing-impaired operator, it can work anywhere!)

It's a given that I would obtain a new adapter for this headset. (For those who don't own Heil headsets, they are terminated to a 9-pin microphone plug that is itself mated to an adapter you buy for the radio you are using with it.) I'm well aware that Kenwood *does things essentially differently* from the other makes I have owned and used (all the big three plus ADI).

Anyone used a Heil, or know of the closest match for this headset and the X1M? (I have had to grind the original Heil Kenwood adapter to fit my TH-F6A and stay plugged in there, so I'm not afraid of "tear it apart". ☺)

2188. RS-232 Level converter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 02:32:29 UTC
From: David Moisan
Topic: 2188 Message: 2188

I wonder if anyone's tried a FTDI Friend from www.adafruit.com<http://www.adafruit.com>? This is a board with a mini USB on one end and headers on the other. TTL level RS232 signals go in on the headers, and come out on USB.

I do not, of course, own an X1M, but I would gladly use the board in place of all the Mickey Mouse stuff I've seen over the years for dealing with TTL and RS232. All of the problems of rig control virtually disappear! FTDI is a very reliable RS-232 chipset and FTDI parts are readily available for scratch designs.

2189. Re: [X1M_QRP-Transceiver] Headphones and the X1M: Heil Traveler?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 02:44:17 UTC
From: Charlie , W5COV
Topic: 2187 Message: 2189

Hi David ,

Welcome to a fine group of people that will help you in any way possible to get you up and running and having an absolute ball with the X1M . It was also the first new HF rig that I have bought in a great many years and I just love this little jewel .

Sorry that I can't be of any help with the Heil , but I am quite sure several people on the group have experience with Heil and their products .

I don't know how many radios that Ed will be getting in the scheduled November shipment . As well as the radio is working these days , it is becoming more popular by the day and expect to see a HUGE spike in the number of people ordering them , especially once this latest firmware edition one gets into the hand of users.

You might want to check with Ed to see if he has a more firm shipping date and what his status is tentatively to the number of people that already have them on order , to insure that he will have plenty of stock to sell , since also they should arrive "just in time for Christmas shoppers" so probably a lot of people have it on their Christmas wish list .

When you get one , let us know and we'll be happy to help with any questions that you might have .

Charlie , W5COV

On 11/9/2013 8:17 PM, David Moisan wrote:
>
> I am shopping for my first HF rig after being an Extra for nearly 20
> years without HF. The Xiegu is perhaps the first rig I’ve seen that I
> have any chance of buying. I nearly got an Icom 703 a few years ago
> but thanks to a new revision of the radio (this was some 10 years ago)
> and the Yen rate, I could not pull the trigger on it. I’m in an
> apartment and have never been on HF. L
>
> I have a Heil Traveler headset with the Kenwood HT adapter. (I
> volunteered at the Boston Marathon for years with this headset. I
> loved it. If it could block noise there for this hearing-impaired
> operator, it can work anywhere!)
>
> It’s a given that I would obtain a new adapter for this headset. (For
> those who don’t own Heil headsets, they are terminated to a 9-pin
> microphone plug that is itself mated to an adapter you buy for the
> radio you are using with it.) I’m well aware that Kenwood **does
> things essentially differently** from the other makes I have owned and
> used (all the big three plus ADI).

>
> Anyone used a Heil, or know of the closest match for this headset and
> the X1M? (I have had to grind the original Heil Kenwood adapter to
> fit my TH-F6A and stay plugged in there, so I’m not afraid of “tear it
> apart”. J)
>
>

2190. Re: [X1M_QRP-Transceiver] Re: Antenna Tuner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 02:47:32 UTC
From: Droid Power
Topic: 2160 Message: 2190

yea but the hf packer is really expensive. Why is it so hard to get a small radio to put out more then 10 watts

On Sat, Nov 9, 2013 at 5:27 PM, Charlie , W5COV <cvest@...> wrote:

>
>
> Ed has Xiegu building an amplifier to match with the X1M , IF a person
> wants to add an amp and also have one that should match the looks of the
> radio .
>
> Dale listed a place on eBay , that sells the matching extrusions for the
> X1M , so a person could build their own amp , make a matching filter box
> for all the other bands , build an antenna tuner / SWR / WATT METER
> ,external speaker , power supply , digital mode interface , all sorts of
> projects that are easy to build and can be made to match the looks of the
> radio . You could even combine one or two projects in the same box . Power
> MOSFETS are pretty cheap if you want to do some design and experimenting
> and come in all different values , and require a pretty minimal number of
> other parts to build an amplifier all the way up to the 100 watt range
> pretty easily .
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> It is a great little radio to use as the center piece to let your
> imagination run wild and start building and learning new things along the
> way . A person could make an entire desk line up of all matching
> accessories , just like all of the "big boy radio manufacturers from Japan"
> offer to "show off" a beautiful little station .
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> Build yourself a "big gun" contester style headset with boom mike , out of
> one of the very very plentiful computer headsets , that can be picked up
> for a song . Get creative and build a desk mike to the scale of the radio ,
> like a D-104 or a Shure 444 . Add a cheap digital clock / timer to one of
> your X1M station accessories that you build . Maybe 2 clocks , one on UTC
> and one on local time .
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> These are just some general ideas that come to mind to use it as a "base
> station" radio . You could probably get even fancier with Arduino and other
> such platforms , for even more projects .
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> Charlie , W5COV
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> On 11/9/2013 6:44 PM, lphebus@... wrote:
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> Check this site, http://site.hfprojectsyahoo.com/hf_packer-amp
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> And the reviews on www.eham.net
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> ---In X1M_QRP-Transceiver@yahoogroups.com, <droidgsm2013@...><droidgsm2013@...>wrote:
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> how much would u say was the total cost of building it
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> On Sat, Nov 9, 2013 at 12:51 PM, VIDMA MICKEVICIUS <vidma3@...> wrote:
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> Hi, OM
> How much my Amplifier?
> It is my own version of Mike WA2EBY and Virgil K5OOR constructions:
> http://www.golddredgervideo.com/kc0wox/wa2ebyamp/amppart1.pdf
>
>
> http://site.hfprojectsyahoo.com/yahoo_site_admin/assets/docs/HFPackerAmp3.227113959.pdf
> It contains an linear amplifier, LPF's , 12 V DC to 25 V DC x 7 Amp
> converter and automatic cooling control system.
> Sorry, this rig is very expensive for me, as is made by myself (if you
> asked about price (?).
> Such an amplifier is very good "helper" for any qrp transceiver.
> 73!
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>

2191. RE: RS-232 Level converter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 03:34:38 UTC
From: <lphebus@...>
Topic: 2188 Message: 2191

I've had good luck with adafruit products, but have no experience with that particular item. I have a few "USB BUB" boards from "moderndevice.com" I have 3 of these and they work well for me in rig control (ICOM 7000) and as an arduino programming interface http://moderndevice.com/product/usb-bub-i/ http://moderndevice.com/product/usb-bub-i/ . (they have a version 2 also with a few differences, all FTDI-based). I suspect the adafruit will work like the USB BUB.

---In X1M_QRP-Transceiver@yahoogroups.com, <dmoisan@...> wrote:

I wonder if anyone’s tried a FTDI Friend from www.adafruit.com http://www.adafruit.com? This is a board with a mini USB on one end and headers on the other. TTL level RS232 signals go in on the headers, and come out on USB.

I do not, of course, own an X1M, but I would gladly use the board in place of all the Mickey Mouse stuff I’ve seen over the years for dealing with TTL and RS232. All of the problems of rig control virtually disappear! FTDI is a very reliable RS-232 chipset and FTDI parts are readily available for scratch designs.

2192. Re: [X1M_QRP-Transceiver] RE: RS-232 Level converter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 04:13:15 UTC
From: Charlie , W5COV
Topic: 2188 Message: 2192

Lee , I am working on a project right now that contains several pieces from Adafruit . It uses one of their GPS receivers . She is a smart lady and keeps lots of good products for experimenters .

Lee , Paul , and others , I need some advice on what is the most simple , cheapest , and most versatile platform for someone to learn programming on again ? I used to do it daily as a part of my job , mainly Atmel based projects , prior to my brain injury and "living" in various hospitals for a couple of years .

I have almost no memory at all of that work , so cheap and simple are key words . I am "managing" with pickaxe right now , but want to move on and learn more again so I can do more things to let the X1M communicate with different devices in the outside world .

There are so many now I really don't know which one to use as a starter back into digital work .

Charlie , W5COV

On 11/9/2013 9:34 PM, lphebus@... wrote:
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> I've had good luck with adafruit products, but have no experience with
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> rig control (ICOM 7000) and as an arduino programming interface
> http://moderndevice.com/product/usb-bub-i/ . (they have a version 2
> also with a few differences, all FTDI-based). I suspect the adafruit
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> virtually disappear! FTDI is a very reliable RS-232 chipset and FTDI
> parts are readily available for scratch designs.
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2193. RE: [X1M_QRP-Transceiver] RE: RS-232 Level converter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 04:17:19 UTC
From: David Moisan
Topic: 2188 Message: 2193

Looking at the USB BUB: Same difference. It’s about the same price; I just happened to run across Ada’s product before this one. If the BUB works for you ,so will Ada’s. They’re great devices.

2194. RE: Re: [X1M_QRP-Transceiver] RE: RS-232 Level converter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 04:30:24 UTC
From: <lphebus@...>
Topic: 2188 Message: 2194

Charlie, I am a fan of picaxe. It is simple and versatile. After that, I aspire to learn arduino programming, but progress and "learning time" are coming slowly. That is as high as I aspire to achieve. I really do like picaxe!

---In X1M_QRP-Transceiver@yahoogroups.com, <cvest@...> wrote:

Lee , I am working on a project right now that contains several pieces from Adafruit . It uses one of their GPS receivers . She is a smart lady and keeps lots of good products for experimenters .

Lee , Paul , and others , I need some advice on what is the most simple , cheapest , and most versatile platform for someone to learn programming on again ? I used to do it daily as a part of my job , mainly Atmel based projects , prior to my brain injury and "living" in various hospitals for a couple of years .

I have almost no memory at all of that work , so cheap and simple are key words . I am "managing" with pickaxe right now , but want to move on and learn more again so I can do more things to let the X1M communicate with different devices in the outside world .

There are so many now I really don't know which one to use as a starter back into digital work .

Charlie , W5COV

On 11/9/2013 9:34 PM, lphebus@... mailto:lphebus@... wrote:

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I wonder if anyone’s tried a FTDI Friend from www.adafruit.com http://www.adafruit.com? This is a board with a mini USB on one end and headers on the other. TTL level RS232 signals go in on the headers, and come out on USB.

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2195. Re: [X1M_QRP-Transceiver] Re: Antenna Tuner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 04:30:42 UTC
From: Charlie , W5COV
Topic: 2160 Message: 2195

No real problem other than different regulations in different countries . Even in Australia , I don't know your rules well enough to know the technical standards . Here in the USA you have to be familiar with a lot of FCC rules and dates for the equipment being built and used , plus whether it is indeed home built or a commercially built radio .Also what frequencies it will be capable of operating on .
Buy you a cheap breadboard , some cheap power transistors like an IRF 510 , since you are likely to smoke a couple in the learning process , but they are less than a buck each . Look around on the net and you will find many simple designs to get you started .
I have the X1M and a Yaesu FT-707S , that I have no desire at all to raise the power on . Instead of an amplifier for them I prefer better antennas and feedlines .

Charlie , W5COV

On 11/9/2013 8:47 PM, Droid Power wrote:
> yea but the hf packer is really expensive. Why is it so hard to get a
> small radio to put out more then 10 watts
>
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> On Sat, Nov 9, 2013 at 5:27 PM, Charlie , W5COV <cvest@...
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> even combine one or two projects in the same box . Power MOSFETS
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> and come in all different values , and require a pretty minimal
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> 100 watt range pretty easily .
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> It is a great little radio to use as the center piece to let your
> imagination run wild and start building and learning new things
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> matching accessories , just like all of the "big boy radio
> manufacturers from Japan" offer to "show off" a beautiful little

> station .
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> Build yourself a "big gun" contester style headset with boom mike
> , out of one of the very very plentiful computer headsets , that
> can be picked up for a song . Get creative and build a desk mike
> to the scale of the radio , like a D-104 or a Shure 444 . Add a
> cheap digital clock / timer to one of your X1M station accessories
> that you build . Maybe 2 clocks , one on UTC and one on local time .
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> These are just some general ideas that come to mind to use it as a
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> Arduino and other such platforms , for even more projects .
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> Charlie , W5COV
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>> Hi, OM
>> How much my Amplifier?
>> It is my own version of Mike WA2EBY and Virgil
>> K5OOR constructions:
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>> http://site.hfprojectsyahoo.com/yahoo_site_admin/assets/docs/HFPackerAmp3.227113959.pdf
>> It contains an linear amplifier, LPF's , 12 V DC to 25 V
>> DC x 7 Amp converter and automatic cooling control system.
>> Sorry, this rig is very expensive for me, as is made by
>> myself (if you asked about price (?).
>> Such an amplifier is very good "helper" for any qrp
>> transceiver.

>> 73!
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2196. RE: RE: [X1M_QRP-Transceiver] RE: RS-232 Level converter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 04:31:55 UTC
From: <lphebus@...>
Topic: 2188 Message: 2196

I fully agree! Great products. IMHO

---In X1M_QRP-Transceiver@yahoogroups.com, <dmoisan@...> wrote:

Looking at the USB BUB: Same difference. It’s about the same price; I just happened to run across Ada’s product before this one. If the BUB works for you ,so will Ada’s. They’re great devices.

2197. Re: [X1M_QRP-Transceiver] Re: Antenna Tuner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 04:34:20 UTC
From: Droid Power
Topic: 2160 Message: 2197

thats good when you have space.but i live in a rented room in a large city and i moved around often. I dont have the space for anything

2198. RE: [X1M_QRP-Transceiver] RE: RS-232 Level converter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 04:49:59 UTC
From: David Moisan
Topic: 2188 Message: 2198

You're right on one thing: It's a bewildering world. My day job is in IT, but I am well familiar with all the little dev boards out there.

Most people seem to have to make two choices: Go Small—with the Arduino and other like devices—or go Big—with the Raspberry Pi, Beaglebone and similar devices. I've owned just about all the major dev boards except the Arduino.

All of the boards are "cheap". When Embedded Systems Conference used to be in Boston (RIP. ☹) I would get demo boards for free, and one year I bought a Zilog Encore board—and traded it in years later for a TI Chronos watch.

The distinction is that the Arduinos go small. They are low-level chips that are designed to be programmed by people new to microcontrollers. They are programmed in a synthetic language similar to Java. The API, and the capacity, of the Arduino is limited by design, but it is very broadly supported in the Maker universe. You will probably do what you need to do for most radio control applications but you might need to write some low-level glue functions and you will not have an operating system as you know it.

A big plus for the Arduino is that it is very easy to setup a toolchain, a task that would stymie newbies and even some experienced devs.

The Arduino is not a fast board. Some applications, such as SDR, are flat out not possible with Arduino-class boards.

For Microsoft IT pros and developers, I found the Netduino a very interesting board; it's an Arduino-compatible board that runs .Net Micro Edition. If you know C♯ even casually, this is a fine board and they've released a new version a while back which I haven't tried.

The Pi and the Beaglebone "go big"; they are effectively small-scale Linux machines that run on ARM. They are also broadly supported, and if you are an experienced Linux user, you will be in familiar territory. The Raspberry Pi was the first "cheap" Linux board, and it was specifically designed to provide a simple environment for teens interested in computers. As an old teen myself who started in just this way, it's a great endeavor indeed, and at $35, it's worth having one or more of these around the shack.

The Beaglebone (now in the Black revision) has much more I/O and processor capacity than the Pi at just a bit more ($45), but at the expense of some ease of use. I've owned an original Beaglebone for a while and it is a very nice board, but the developers are trying to integrate their Linux kernel with the mainline Linux kernel and this has caused a lot of teething pains in the last year as the board support is dramatically different from the last generation. I can deal with these things as my day job makes me jaded to it, but I'm not sure I can yet recommend the Beaglebone to a new user.

The Pi can and does SDR applications, but the processor capacity had to be compromised to meet the Pi Foundation's original BOM costs. The Beaglebone has plenty of CPU and has even been used for video processing.

There is broad and relatively stable peripheral support for these boards. The Arduino and the Beaglebone have expansion slots and cards; Arduino have “shields” that plug in and add I/O functionality. Beaglebones have “Capes”, the same concept under a different name. The Pi has a single plug-in IDC connector for I/O, and it is the relatively weaker sister of the three in that regard.

Your choice may depend on whether you want to go from bottom-up development, with the Arduinos, or top-down development, with the Pi and Beaglebone. Both of these alternatives have widespread community support. It may also depend on what tasks you’re inclined to do with it. Arduinos will handle most simple rig-control problems, as will the Pi as well. But if you need to host an SDR server, Arduinos will not do this. Many Linux ham radio applications can be compiled for the ARM, yet another compelling consideration.

Good luck. I sit on my town’s Commission on Disabilities and I have several dear colleagues who’ve suffered brain injuries. (And one of my co-chairpersons is blind. And an Extra. ☺)

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: Saturday, November 09, 2013 11:13 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: RS-232 Level converter

Lee , I am working on a project right now that contains several pieces from Adafruit . It uses one of their GPS receivers . She is a smart lady and keeps lots of good products for experimenters .

Lee , Paul , and others , I need some advice on what is the most simple , cheapest , and most versatile platform for someone to learn programming on again ? I used to do it daily as a part of my job , mainly Atmel based projects , prior to my brain injury and "living" in various hospitals for a couple of years .

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There are so many now I really don't know which one to use as a starter back into digital work .

Charlie , W5COV
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2199. Re: [X1M_QRP-Transceiver] Re: Antenna Tuner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 04:51:26 UTC
From: Charlie , W5COV
Topic: 2160 Message: 2199

That does make the situation a bit more difficult , but with the brain trust on this group , I am certain they can come up with some innovative ideas to help you . Another problem in adding an amp , is if you went to 10 watts for 3dB of gain , will it put you to the point that you then can't hear the stations calling you . There is always a trade off , but then hams are known for being innovative and finding a way to overcome most of the trade offs.

I haven't really taken much time to study the final section in the X1M , other than taking all of the low pass filters off of the board and measuring them and counting turns on the toroids , in both models .

Have a look at the schematic and also study the data sheet on the final , maybe you will find something by doing that .

Charlie , W5COV

On 11/9/2013 10:34 PM, Droid Power wrote:
> thats good when you have space.but i live in a rented room in a large
> city and i moved around often. I dont have the space for anything
>

2200. RE: Re: [X1M_QRP-Transceiver] RE: RS-232 Level converter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 04:54:09 UTC
From: David Moisan
Topic: 2188 Message: 2200

I have a Microchip based device I’ve modified (an NTP UTC clock which unfortunately is out of production) and they seem to be really a world unto themselves. I’ve used everything else but a Picaxe. If Charlie can use a board without downloading a 2 Gig toolchain, he’s probably ahead of the game.

2201. Re: [X1M_QRP-Transceiver] Re: Antenna Tuner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 05:06:39 UTC
From: Droid Power
Topic: 2160 Message: 2201

i was going to ask about the finals, is there anyway to get more power out
of them. I am not really good at electronics, my knowledge is decent but
not enough to understand the details of how the x1m works.

On Sat, Nov 9, 2013 at 8:51 PM, Charlie , W5COV <cvest@...> wrote:

>
>
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> trust on this group , I am certain they can come up with some innovative
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2202. RE: [X1M_QRP-Transceiver] Re: Antenna Tuner

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 05:07:49 UTC
From: Lee
Topic: 2160 Message: 2202

I just bought the latest version of #15 20 watt kit but have not built it yet.

http://www.qsl.net/k5bcq/Kits/Kits.html

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Droid Power
Sent: Saturday, November 09, 2013 8:48 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: Antenna Tuner

yea but the hf packer is really expensive. Why is it so hard to get a small radio to put out more then 10 watts

On Sat, Nov 9, 2013 at 5:27 PM, Charlie , W5COV <cvest@...> wrote:

Ed has Xiegu building an amplifier to match with the X1M , IF a person wants to add an amp and also have one that should match the looks of the radio .

Dale listed a place on eBay , that sells the matching extrusions for the X1M , so a person could build their own amp , make a matching filter box for all the other bands , build an antenna tuner / SWR / WATT METER ,external speaker , power supply , digital mode interface , all sorts of projects that are easy to build and can be made to match the looks of the radio . You could even combine one or two projects in the same box . Power MOSFETS are pretty cheap if you want to do some design and experimenting and come in all different values , and require a pretty minimal number of other parts to build an amplifier all the way up to the 100 watt range pretty easily .

It is a great little radio to use as the center piece to let your imagination run wild and start building and learning new things along the way . A person could make an entire desk line up of all matching accessories , just like all of the "big boy radio manufacturers from Japan" offer to "show off" a beautiful little station .

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These are just some general ideas that come to mind to use it as a "base station" radio . You could probably get even fancier with Arduino and other such platforms , for even more projects .

Charlie , W5COV

On 11/9/2013 6:44 PM, lphebus@... wrote:

Check this site, <http://site.hfprojectsyahoo.com/hf_packer-amp>
http://site.hfprojectsyahoo.com/hf_packer-amp

And the reviews on www.eham.net

---In X1M_QRP-Transceiver@yahoogroups.com, <mailto:droidgsm2013@...>
<droidgsm2013@...> wrote:

how much would u say was the total cost of building it

On Sat, Nov 9, 2013 at 12:51 PM, VIDMA MICKEVICIUS <vidma3@...> wrote:

Hi, OM

How much my Amplifier?

It is my own version of Mike WA2EBY and Virgil K5OOR constructions:

http://www.golddredgervideo.com/kc0wox/wa2ebyamp/amppart1.pdf

http://site.hfprojectsyahoo.com/yahoo_site_admin/assets/docs/HFPackerAmp3.22
7113959.pdf

It contains an linear amplifier, LPF's , 12 V DC to 25 V DC x 7 Amp
converter and automatic cooling control system.

Sorry, this rig is very expensive for me, as is made by myself (if you asked
about price (?).

Such an amplifier is very good "helper" for any qrp transceiver.

73!

2203. Re: [X1M_QRP-Transceiver] AMPLIFIER /FILTER KITS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 06:52:55 UTC
From: Charlie , W5COV
Topic: 2203 Message: 2203

These guys put out really excellent kits . Very good price too , 20 watt amplifier for $50 !! It should certainly be plenty of power for the X1M , if a person really wants a little boost from true QRP operation . I also like their choice of transistor . Although the IRF 510 and up series is cheap and has served me very well as a learning tool , the new transistor is a much better choice , at least from the spec sheets . I recently bought some to experiment with and will probably stick with them over the IRF series . There also is very little difference in the price between the transistors .

Sure will be interested in how it goes for you Lee and what the output signal looks like . I would like to see a diagram of it , to see what , if any changes they made when they changed to this new transistor . If it works out , I may buy one and modify it for the 600 / 630 meter bands .

I also am interested in their multi band filter boards . Those look like they might make a nice accessory for the X1M also .

Thanks for sharing the link. I don't check their site often enough .

Charlie , W5COV

On 11/9/2013 11:07 PM, Lee wrote:
>
> I just bought the latest version of #15 20 watt kit but have not built
> it yet.
>
> http://www.qsl.net/k5bcq/Kits/Kits.html
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Droid Power
> *Sent:* Saturday, November 09, 2013 8:48 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* Re: [X1M_QRP-Transceiver] Re: Antenna Tuner
>
> yea but the hf packer is really expensive. Why is it so hard to get a
> small radio to put out more then 10 watts
>
> On Sat, Nov 9, 2013 at 5:27 PM, Charlie , W5COV <cvest@...
> <mailto:cvest@...>> wrote:
>
> Ed has Xiegu building an amplifier to match with the X1M , IF a person
> wants to add an amp and also have one that should match the looks of
> the radio .
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> Dale listed a place on eBay , that sells the matching extrusions for

> the X1M , so a person could build their own amp , make a matching
> filter box for all the other bands , build an antenna tuner / SWR /
> WATT METER ,external speaker , power supply , digital mode interface ,
> all sorts of projects that are easy to build and can be made to match
> the looks of the radio . You could even combine one or two projects in
> the same box . Power MOSFETS are pretty cheap if you want to do some
> design and experimenting and come in all different values , and
> require a pretty minimal number of other parts to build an amplifier
> all the way up to the 100 watt range pretty easily .
>
> It is a great little radio to use as the center piece to let your
> imagination run wild and start building and learning new things along
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> accessories , just like all of the "big boy radio manufacturers from
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> Build yourself a "big gun" contester style headset with boom mike ,
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> how much would u say was the total cost of building it
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> On Sat, Nov 9, 2013 at 12:51 PM, VIDMA MICKEVICIUS <vidma3@...
> <mailto:vidma3@...>> wrote:
>
> Hi, OM
>

> How much my Amplifier?
>
> It is my own version of Mike WA2EBY and Virgil
> K5OOR constructions:
>
> http://www.golddredgervideo.com/kc0wox/wa2ebyamp/amppart1.pdf
>
> http://site.hfprojectsyahoo.com/yahoo_site_admin/assets/docs/HFPackerAmp3.227113959.pdf
>
> It contains an linear amplifier, LPF's , 12 V DC to 25 V DC x
> 7 Amp converter and automatic cooling control system.
>
> Sorry, this rig is very expensive for me, as is made by myself
> (if you asked about price (?).
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> Such an amplifier is very good "helper" for any qrp transceiver.
>
> 73!
>
>

2204. Re: [X1M_QRP-Transceiver] AMPLIFIER /FILTER KITS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 06:55:33 UTC
From: Droid Power
Topic: 2203 Message: 2204

I would pay a little more then that to have the kit all assembled.

On Sat, Nov 9, 2013 at 10:52 PM, Charlie , W5COV <cvest@...> wrote:

>
>
> These guys put out really excellent kits . Very good price too , 20 watt
> amplifier for $50 !! It should certainly be plenty of power for the X1M ,
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>
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> *From:* X1M_QRP-Transceiver@yahoogroups.com [
> mailto:X1M_QRP-Transceiver@yahoogroups.com<X1M_QRP-Transceiver@yahoogroups.com>]
> *On Behalf Of *Droid Power
> *Sent:* Saturday, November 09, 2013 8:48 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
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2205. Re: RS-232 Level converter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 12:34:43 UTC
From: Paul W. Ross
Topic: 2188 Message: 2205

I would suggest the Arduino for learning to program -- subset of C.
Another possibility is Python, and run the Raspberry Pi, but that is
significantly more complex.

73 /paul W3FIS

2206. Re: [X1M_QRP-Transceiver] RS-232 Level converter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 14:43:09 UTC
From: Stephen Farthing
Topic: 2188 Message: 2206

Hi Charlie,

I used to program and design systems for a living. So this is my take on the subject.

I am very fond of the Arduino system and its clones. But it is not an ideal platform for learning to program. This goes for pretty much all embedded systems. As well as learning to program you have to juggle the hardware as well and it is often the case that you need to learn how to use debugging tools and it can be quite a challenge to get them running. For example the Arduino clone Energia running on the MSP430 had big problems with OS/X and i never managed to get the Serial debugging to work. Without this i could not easily see what was going on inside the chip.

Were it me i would download one of the free C programming environments and use that to start off with along with a good Textbook on C. When i was a windoze user i liked http://www.bloodshed.net/devcpp.html for C learning and the matching book by Larry Ullman "C programming Visual Quickstart Guide" . Work through the book and get a feel for the subject. Write a couple of command line applications and get them running. Then you should understand enough to start with Arduino ect. If you learn C well its a good start for other programming languages and most microcontrollers and operating systems support it. This is not true of most other programming languages. Personally i would avoid learning assembler or machine code and BASIC. The first two tie you to one arcitecture and ideally you should be able to work with many.

73sSteve G0XAR

On Sunday, 10 November 2013, Paul W. Ross wrote:

>
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> I would suggest the Arduino for learning to program -- subset of C.
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> 73 /paul W3FIS
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2207. RE: [X1M_QRP-Transceiver] AMPLIFIER /FILTER KITS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 16:00:11 UTC
From: Lee
Topic: 2203 Message: 2207

More info can be found in the AQRP Yahoo Group in his folder, K5BCQ. I bought the heat sink from him and ordered the case he suggested from its manufacturer. I bought a Dual Band Pass Filter from Kits and Parts as I mostly use 20 and 40 meters.

http://www.kitsandparts.com/bpf2.php

Lee N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: Sunday, November 10, 2013 12:53 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] AMPLIFIER /FILTER KITS

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[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Droid Power
Sent: Saturday, November 09, 2013 8:48 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: Antenna Tuner

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These are just some general ideas that come to mind to use it as a "base station" radio . You could probably get even fancier with Arduino and other such platforms , for even more projects .

Charlie , W5COV

On 11/9/2013 6:44 PM, lphebus@... wrote:

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And the reviews on www.eham.net

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It contains an linear amplifier, LPF's , 12 V DC to 25 V DC x 7 Amp converter and automatic cooling control system.

Sorry, this rig is very expensive for me, as is made by myself (if you asked about price (?).

Such an amplifier is very good "helper" for any qrp transceiver.

73!

2208. RE: [X1M_QRP-Transceiver] RS-232 Level converter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 17:35:15 UTC
From: David Moisan
Topic: 2188 Message: 2208

Compilers are good enough that it's best not to be concerned about low level assembler. You can always look at the generated assembler code if need be.

I would disagree in part about learning to code on a command line, or more specifically, somewhere other than the problem area one wants to learn on. The Arduino has a simple toolchain to set up; I have a collection of '430 boards and the Chronos watch and I know it is not fun to get a toolchain running for these, even on Linux. The 'duinos seem to be the best devices in this regard. A lot of nontechnical artist types have gotten their projects going on them.

We always tell newbie coders to start with a Hello World program-something that prints "Hello, World" on the screen. Why not blink an LED? That is the equivalent in embedded systems, as you know. That leads right to my second point.

I cannot learn only from theory. I studied DSP's from the moment I saw the first chapter on DSP in an old ARRL Handbook, around the early 1990's or so.

I never, ever, really understood DSP at all in all that time.

Not until I got my first SDR two years ago. Now I get it, and it only took 20 years (!!) I am a very technical and highly motivated person, and not lazy. I learn many things in my day job in IT, all day, every day (now, if my workday were < 24 hours a day...)

But until I needed to solve a problem, there was no sense reading about a problem; I'd forget it, and if I never needed to learn that, it'd be useless. Mind you, the greatest pleasure I have is reading old technical material (thank you, Internet Archive, thank you, Bitsavers, thank you, BAMA!) so don't think that I am too lazy to read. (Just too busy. :( )

I would suggest, Charlie, that you go ahead and try an Arduino. Blink an LED with it. Put a scope on a pin and see how many times you can toggle the I/O pin and how fast. Make a ersatz PWM modulator. That's the only way to really know if you can do it. You could learn Windows (or Linux) programming, but life's too short.

And get yourself a PI so you can use the radio software already out there and get some exposure to an interesting platform that we will see a lot of in amateur radio.

2209. Flip Bail Radio Stand

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 17:56:44 UTC
From: <r-mason@...>
Topic: 2209 Message: 2209

Just added some photos of my latest attempt at a useable stand for the X1M. I'm happy with this one. It is the traditional 'flip bail' type of stand. Nothing fancy, the material for the brackets was cut from a scrap of the front panel of a Radio Shack project box. The wire for the bail is from a coat hanger :-) It attaches by the two lower screws that hold the front panel on the radio. So, no need to drill the radio, easily reverseable, no special tools needed (tin snips, drill, pliers), cheap. Pardon my lack of artistic ability, but I think you can get an idea of the concept from the sketch and photos. It could be prettier, of course. Maybe I will find some stainless or plated wire for the bail.
Those royalty checks? I'm good in QRZ.
Roger N4HSI

2210. 2.5-25KV BUTTERFLY CAPACITOR KITS VA6POP

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 18:11:33 UTC
From: <pop_vasile@...>
Topic: 2210 Message: 2210

2.5-25KV BUTTERFLY CAPACITOR
http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/conversations/# KITS VA6POP

I can build for u any air variable capacitors kits
for yours magnetic loop antenna,antenna tuner,HF amplifier

https://www.youtube.com/watch?v=thw0RLOh6zM
www.youtube.com/watch?v=fV-FWFQO6As

www.youtube.com/watch?v=dmZxgmalP9g

http://forums.qrz.com/showthread.php?351604-Butterfly-capacitor-kits-5-15kv

http://www.flickr.com/photos/93005502@N08/page3/

http://forums.qrz.com/showthread.php?378701-2-5-15kv-butterfly-capacitor-kits&p=\
2764980#post2764980

I have kits available for ham radio:

2.5" OD ROTOR
3" OD ROTOR
4" OD ROTOR
5" OD ROTOR
6" OD ROTOR
8" OD ROTOR
10" OD ROTOR

73 de VA6POP!
yo5bzz(at)gmail.com
Location: Calgary,CANADA

2211. RE: Flip Bail Radio Stand

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 21:13:34 UTC
From: <andreas.fuehrmann@...>
Topic: 2209 Message: 2211

Looks really nice, stays at the radio. Nice!

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <r-mason@...> wrote:

Just added some photos of my latest attempt at a useable stand for the X1M. I'm happy with this one. It is the traditional 'flip bail' type of stand. Nothing fancy, the material for the brackets was cut from a scrap of the front panel of a Radio Shack project box. The wire for the bail is from a coat hanger :-) It attaches by the two lower screws that hold the front panel on the radio. So, no need to drill the radio, easily reverseable, no special tools needed (tin snips, drill, pliers), cheap. Pardon my lack of artistic ability, but I think you can get an idea of the concept from the sketch and photos. It could be prettier, of course. Maybe I will find some stainless or plated wire for the bail.
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2212. RE: [X1M_QRP-Transceiver] RE: Flip Bail Radio Stand

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 22:04:25 UTC
From: Lee
Topic: 2209 Message: 2212

Her is another source for stands but you have to call for pricing.

http://www.budwig.com/collapsible-tilt-stands.html

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of andreas.fuehrmann@...
Sent: Sunday, November 10, 2013 3:14 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Flip Bail Radio Stand

Looks really nice, stays at the radio. Nice!

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <r-mason@...> wrote:

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2213. Re: [X1M_QRP-Transceiver] RE: Flip Bail Radio Stand

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-10 22:47:39 UTC
From: Charlie , W5COV
Topic: 2209 Message: 2213

Nice job Roger !! First on my list is your Surface Mount parts holder . That is really clever and an ABSOLUTE MUST HAVE for me to be able to continue to work with pretty much any size SMD's these days .

This is a really great and innovative group for sharing ideas and people helping people .

Thanks to everyone on their advice on programming and platforms . I didn't lose all of my memory related to programming , but I do have some gaps and holes in it .

Basically I am an old analog guy these days , but the X1M excited me from the first time that I saw it . After my 48th anniversary in ham radio , this month , not much excites me , so I am pretty prejudice and fond of the X1M for getting me once again involved in more modern technology and learning again , or learning new things about the current state of electronics .

At first I always said it was a decent radio for the price . Well we no longer need to add the for the price phrase . It is a great little radio and will be even better with the final firmware update . I am certainly happy that I got in on it "near the very beginning." It has been thrilling and exciting to be a part of and see the evolution of this NO TOY HERE radio !!

I have not been able to afford to buy a new HF ham rig in many years , so the price was also an important factor in my owning one . Many pretty much no name , minimal kits , that are usually CW only and put out 1 watt , maybe 2 two watts if you are lucky sell for more than this completely assembled full 5 watt , multi mode QRP transceiver and many of the kit companies and or owners are pretty much non cooperative if you have an issue that needs to be addressed .

Since I may never be able to afford to buy a brand new HF rig again , I am going to devote a lot of time to building accessories to go with the X1M . I have so many accessories in mind , I could take an entire winter doing nothing but building accessories to customize it for my own personal style of operation .

I am a VERY AVID MF/LF/VLF operator , both transmitting and receiving . This radio is also perfect for that . IF the FCC and ARRL ever move forward on getting the grant approved for a 630 meter ham band and a 2200 meter ham band , we are just a couple of simple cheap and easy to build projects away from getting right on the air with the X1M . How many of the even very high dollar rigs can even say that ?? I do wish they would open it up so it would cover down to say 50 kHz. , for using WWVB as a SID reference monitor and also allow coverage of the 4,000

meter band .

I have the sketch done and the parts gathered up , to add a 6 meter transverter to my X1M , probably hold off until spring to really work on that . Again simple cheap and easy for a very neat and interesting band .

PLEASE keep on putting your ideas and projects out there to share with everyone . We all have different skills and interests so your idea may indeed inspire some of the rest of us to build and use it too .

Charlie , W5COV

On 11/10/2013 3:13 PM, andreas.fuehrmann@... wrote:
>
> Looks really nice, stays at the radio. Nice!
>
>
> Andy, DC3AFA
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <r-mason@...> wrote:
>
> Just added some photos of my latest attempt at a useable stand for the
> X1M. I'm happy with this one. It is the traditional 'flip bail' type
> of stand. Nothing fancy, the material for the brackets was cut from a
> scrap of the front panel of a Radio Shack project box. The wire for
> the bail is from a coat hanger :-) It attaches by the two lower
> screws that hold the front panel on the radio. So, no need to drill
> the radio, easily reverseable, no special tools needed (tin snips,
> drill, pliers), cheap. Pardon my lack of artistic ability, but I think
> you can get an idea of the concept from the sketch and photos. It
> could be prettier, of course. Maybe I will find some stainless or
> plated wire for the bail.
> Those royalty checks? I'm good in QRZ.
> Roger N4HSI
>

2214. Re: [X1M_QRP-Transceiver] RE: Flip Bail Radio Stand

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-11 02:37:42 UTC
From: Mike Mardis
Topic: 2209 Message: 2214

I just ordered my radio a couple of days ago from import comm. Am I correct in assuming it will come with the new firmware installed?

Mike Mardis
AAR1CN

> On Nov 10, 2013, at 5:47 PM, "Charlie , W5COV" <cvest@...> wrote:
>
> Nice job Roger !! First on my list is your Surface Mount parts holder . That is really clever and an ABSOLUTE MUST HAVE for me to be able to continue to work with pretty much any size SMD's these days .
>
> This is a really great and innovative group for sharing ideas and people helping people .
>
> Thanks to everyone on their advice on programming and platforms . I didn't lose all of my memory related to programming , but I do have some gaps and holes in it .
>
> Basically I am an old analog guy these days , but the X1M excited me from the first time that I saw it . After my 48th anniversary in ham radio , this month , not much excites me , so I am pretty prejudice and fond of the X1M for getting me once again involved in more modern technology and learning again , or learning new things about the current state of electronics .
>
> At first I always said it was a decent radio for the price . Well we no longer need to add the for the price phrase . It is a great little radio and will be even better with the final firmware update . I am certainly happy that I got in on it "near the very beginning." It has been thrilling and exciting to be a part of and see the evolution of this NO TOY HERE radio !!
>
> I have not been able to afford to buy a new HF ham rig in many years , so the price was also an important factor in my owning one . Many pretty much no name , minimal kits , that are usually CW only and put out 1 watt , maybe 2 two watts if you are lucky sell for more than this completely assembled full 5 watt , multi mode QRP transceiver and many of the kit companies and or owners are pretty much non cooperative if you have an issue that needs to be addressed .
>
> Since I may never be able to afford to buy a brand new HF rig again , I am going to devote a lot of time to building accessories to go with the X1M . I have so many accessories in mind , I could take an entire winter doing nothing but building accessories to customize it for my own personal style of operation .
>
> I am a VERY AVID MF/LF/VLF operator , both transmitting and receiving . This radio is also perfect for that . IF the FCC and ARRL ever move forward on getting the grant approved for a 630 meter ham band and a 2200 meter ham band , we are just a couple of simple cheap and easy to build projects away from getting right on the air with the X1M . How many of

the even very high dollar rigs can even say that ?? I do wish they would open it up so it would cover down to say 50 kHz. , for using WWVB as a SID reference monitor and also allow coverage of the 4,000 meter band .
>
> I have the sketch done and the parts gathered up , to add a 6 meter transverter to my X1M , probably hold off until spring to really work on that . Again simple cheap and easy for a very neat and interesting band .
>
> PLEASE keep on putting your ideas and projects out there to share with everyone . We all have different skills and interests so your idea may indeed inspire some of the rest of us to build and use it too .
>
> Charlie , W5COV
>
>
>> On 11/10/2013 3:13 PM, andreas.fuehrmann@... wrote:
>>
>> Looks really nice, stays at the radio. Nice!
>>
>>
>> Andy, DC3AFA
>>
>>
>>
>> ---In x1m_qrp-transceiver@yahoogroups.com, <r-mason@...> wrote:
>>
>> Just added some photos of my latest attempt at a useable stand for the X1M. I'm happy with this one. It is the traditional 'flip bail' type of stand. Nothing fancy, the material for the brackets was cut from a scrap of the front panel of a Radio Shack project box. The wire for the bail is from a coat hanger :-) It attaches by the two lower screws that hold the front panel on the radio. So, no need to drill the radio, easily reverseable, no special tools needed (tin snips, drill, pliers), cheap. Pardon my lack of artistic ability, but I think you can get an idea of the concept from the sketch and photos. It could be prettier, of course. Maybe I will find some stainless or plated wire for the bail.
>> Those royalty checks? I'm good in QRZ.
>> Roger N4HSI
>
>

2215. Radio Stand

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-11 15:54:47 UTC
From: <G3cwi@...>
Topic: 2215 Message: 2215

Bob G1EGL has taken some nice photos of our custom X1M stand:
http://tinyurl.com/o9zr6vh

http://www.sotabeams.co.uk/customised-xiegu-technology-x1m-stand/
http://www.sotabeams.co.uk/customised-xiegu-technology-x1m-stand/

73 Richard G3CWI

2217. X1M So-Far

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-11 19:32:55 UTC
From: <neilgoldstein@...>
Topic: 2217 Message: 2217

This is just a general wrap-up of everything I have done with my X1M original model to date.

1. QRP Go-kit: I purchased a used custom foam case, and tore out more foam to fit all of the accessories, radio, cord and antenna wires.

2. Tuner: Using the excellent ZM-2 tuner from Emtech

3. Antenna: I have an assortment of 16 gauge wire lengths that I hang when I'm portable, using the water bottle method, or whatever MacGuyver procedures are available given the location

4. Audio: I have not performed the audio mod. I use a tiny powered speaker, which is about the size of a golf ball. Works well.

5. Microphone: Like many of you, I had trouble with the mic connector. I re-soldered and sealed the connection.

6. Out-of supplied filter-range use: For the top part of 80 and 40, I'll wait for the firmware upgrade for the older model. I tested the radio on 17 and 12 on my Elmer's service monitor. 17 was pretty bad. For 17 I am going to order a low-pass filter kit from Kits-and-Parts. 12 was actually pretty clean on the monitor. I had a QSO with Lithuania on 12 a couple of weeks ago, while operating portable.

7. CAT cable: I made a cable by using a CP2102 USB to TTL module from eBay ($2.79 shipped). I semi-permanently connected a USB extension cable to it to get some length, sealing it on with heat-shrink. Then, on the other end I decided I wanted some break-out capability for being able to tie-in to the other 5 pins later on. We've seen in the schematic that they are connected to the LPF/BPF circuits, but I don't think anyone has implemented anything yet. I purchased a D-SUB9 male to RJ45 adapter and connected the pins 1-to-1, 2-to-2 etc. For the initial cable I made the 3 necessary connections to half of a CAT5 cable that I split in two, and tied it to the CP2102 interface, leaving the extra 5 wires for later use. I know I could of just tied it all directly to a D-SUB but this way I have some quick-disconnect options in the field. It works with HRD in Windows, and FLDIGI in Mac, Windows, and Linux. So far so good.

8. "Tune Button": I got tired of carrying around a full straight key just to tune-up. My first implementation of this is just a tiny click-on-off button heat-shrinked directly into the back of a 3.5mm plug. Later I'll move it inside the rig.

9. Power: First, I lugged around one of those jump-start kits. It worked great, as I think I could run the X1M off of this monster for a week or more. At the last LIMARC Ham Fair here on Long Island the "battery guy" was selling these small 4-amp battery packs. Just a bunch of Li-ion cells wrapped with a 12V accessory socket and a charging circuit. Came with a wall-brick charger. Great little battery. I'd post a link, but it's not on their web site. I'll post the model # and company contact in a future post as well as a picture in case anyone wants to order one. I think it was $40. It even powers my HTX-10, or any of my

dual-band VHF-UHF mobiles (on low power)

10. Future: I pre-ordered the upgrade kit from Ed at Import Communications. Looking forward to that, and the firmware upgrade. I'm planning on a SingaLink USB interface or the SCI-6 from Unified Micro for digital modes. Once I have everything the way I want it, I may replace the garage-sale case with a real one. I'm considering an amp. possibly the HardRock 50 kit.

DX Contacts (all SSB):
10M: Guadeloupe, Antigua, DR, Fr. Guiana, Argentina, Columbia, UK, Mexico
12M: Lithuania
15M: Venezuela, Germany, Denmark, UK, Scotland, Azores, Ukraine, Slovenia
20M: PEI Canada, Czech Rep, Denmark

I'm happy with this.

2218. Re: [X1M_QRP-Transceiver] X1M So-Far

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-11 21:06:00 UTC
From: Droid Power
Topic: 2217 Message: 2218

wow all of that is really cool info, would you be interested in making more details explanations for the wiki. X1M.wikia.com

On Mon, Nov 11, 2013 at 11:32 AM, <neilgoldstein@...> wrote:

>
>
> This is just a general wrap-up of everything I have done with my X1M
> original model to date.
>
> 1. QRP Go-kit: I purchased a used custom foam case, and tore out more
> foam to fit all of the accessories, radio, cord and antenna wires.
>
> 2. Tuner: Using the excellent ZM-2 tuner from Emtech
>
> 3. Antenna: I have an assortment of 16 gauge wire lengths that I hang
> when I'm portable, using the water bottle method, or whatever MacGuyver
> procedures are available given the location
>
> 4. Audio: I have not performed the audio mod. I use a tiny powered
> speaker, which is about the size of a golf ball. Works well.
>
> 5. Microphone: Like many of you, I had trouble with the mic connector. I
> re-soldered and sealed the connection.
>
> 6. Out-of supplied filter-range use: For the top part of 80 and 40, I'll
> wait for the firmware upgrade for the older model. I tested the radio on
> 17 and 12 on my Elmer's service monitor. 17 was pretty bad. For 17 I am
> going to order a low-pass filter kit from Kits-and-Parts. 12 was actually
> pretty clean on the monitor. I had a QSO with Lithuania on 12 a couple of
> weeks ago, while operating portable.
>
> 7. CAT cable: I made a cable by using a CP2102 USB to TTL module from
> eBay ($2.79 shipped). I semi-permanently connected a USB extension cable
> to it to get some length, sealing it on with heat-shrink. Then, on the
> other end I decided I wanted some break-out capability for being able to
> tie-in to the other 5 pins later on. We've seen in the schematic that they
> are connected to the LPF/BPF circuits, but I don't think anyone has
> implemented anything yet. I purchased a D-SUB9 male to RJ45 adapter and
> connected the pins 1-to-1, 2-to-2 etc. For the initial cable I made the 3
> necessary connections to half of a CAT5 cable that I split in two, and tied
> it to the CP2102 interface, leaving the extra 5 wires for later use. I
> know I could of just tied it all directly to a D-SUB but this way I have
> some quick-disconnect options in the field. It works with HRD in
> Windows, and FLDIGI in Mac, Windows, and Linux. So far so good.

>
> 8. "Tune Button": I got tired of carrying around a full straight key just
> to tune-up. My first implementation of this is just a tiny click-on-off
> button heat-shrinked directly into the back of a 3.5mm plug. Later I'll
> move it inside the rig.
>
> 9. Power: First, I lugged around one of those jump-start kits. It worked
> great, as I think I could run the X1M off of this monster for a week or
> more. At the last LIMARC Ham Fair here on Long Island the "battery guy"
> was selling these small 4-amp battery packs. Just a bunch of Li-ion cells
> wrapped with a 12V accessory socket and a charging circuit. Came with a
> wall-brick charger. Great little battery. I'd post a link, but it's not
> on their web site. I'll post the model # and company contact in a future
> post as well as a picture in case anyone wants to order one. I think it
> was $40. It even powers my HTX-10, or any of my dual-band VHF-UHF mobiles
> (on low power)
>
> 10. Future: I pre-ordered the upgrade kit from Ed at Import
> Communications. Looking forward to that, and the firmware upgrade. I'm
> planning on a SingaLink USB interface or the SCI-6 from Unified Micro for
> digital modes. Once I have everything the way I want it, I may replace the
> garage-sale case with a real one. I'm considering an amp. possibly the
> HardRock 50 kit.
>
> DX Contacts (all SSB):
> 10M: Guadeloupe, Antigua, DR, Fr. Guiana, Argentina, Columbia, UK, Mexico
> 12M: Lithuania
> 15M: Venezuela, Germany, Denmark, UK, Scotland, Azores, Ukraine, Slovenia
> 20M: PEI Canada, Czech Rep, Denmark
>
> I'm happy with this.
>
>
>

2219. RE: Radio Stand

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-11 21:38:00 UTC
From: <kd4hjt@...>
Topic: 2215 Message: 2219

I just recieved my stand from SOTA. Very nice.

Ray...KD4HJT

---In X1M_QRP-Transceiver@yahoogroups.com, <G3cwi@...> wrote:

Bob G1EGL has taken some nice photos of our custom X1M stand:
http://tinyurl.com/o9zr6vh

http://www.sotabeams.co.uk/customised-xiegu-technology-x1m-stand/
http://www.sotabeams.co.uk/customised-xiegu-technology-x1m-stand/

73 Richard G3CWI

2220. LOWFER BEACON TEST

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-12 00:49:18 UTC
From: Charlie , W5COV
Topic: 2220 Message: 2220

If any of you care to have something to do tonight , I have put my home built beacon on the air 24/7 . Right now it is just for some testing as I am finishing up a new beacon . It is not on my full legal limit length transmitting antenna , but my test antenna does a decent job out to about 500 miles .

The X1M is capable of receiving on this frequency , but like most ham transceivers , is lacking in sensitivity in this range , so I HIGHLY recommend at a very minimum an amplified antenna such as the PA0RDT E-probe or mini whip . Also a good buffer for impedance transformation and an amplifier or external preamp will give you hours of listening fun on the X1M for the 2200 , 1750 , 630 , 600 meter experimental bands and also give you a preview of what to expect IF we ever get ARRL/FCC approval for a ham band at 630 meters and now looking less likely , another ham band on 2200 meters .

Besides ham and experimental activity you may get hooked on "chasing" NDB's , NAVTEX , Foreign Broadcast stations and all manner of stations that occupy the frequencies between 100 kHz. and 510 kHz.

Here is the link to a page that has many simple , cheap , and easy projects you can put together easily in one evening to explore this and even the frequencies below the coverage range (100 kHz.) on the X1M . It is a home hobbyist electronics page and has a wide range of simple , clever , cheap , and easy to build projects for the home hobbyist . It has a matching Yahoo group . called techlib where you will find all of the support for ANY of these projects that you might find of interest . The designer of all the projects offers his personal , as extensive as you require , support for all of these projects . It is a free site and has some really nice "outside of the box building blocks" in case you want to "roll your own" project . The URL is http://www.techlib.com be sure and also check the circuits tab at the top of the page too .

My beacon is running QRSS60 , 24/7 , and is on 185.2984 kHz. with the identifier of CV

Most people start out listening to QRSS and also NDB's with a free program called ARGO , a program designed for weak signal work . It can be downloaded from this URL http://www.weaksignals.com/

There are several free NAVTEX decoder programs out there . If you have any questions , please feel free to ask me .

Just another way to get closer to maximum fun out of the X1M .

Charlie , W5COV

2221. Re: [X1M_QRP-Transceiver] LOWFER BEACON TEST

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-12 01:50:42 UTC
From: Dale Parfitt
Topic: 2220 Message: 2221

Looking for you now Charlie in QRSS60. The HP3586B is spot on within better than 0.1Hz- so if you are there, I'll find you.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, November 11, 2013 7:49 PM
Subject: [X1M_QRP-Transceiver] LOWFER BEACON TEST

If any of you care to have something to do tonight , I have put my home built beacon on the air 24/7 . Right now it is just for some testing as I am finishing up a new beacon . It is not on my full legal limit length transmitting antenna , but my test antenna does a decent job out to about 500 miles .

The X1M is capable of receiving on this frequency , but like most ham transceivers , is lacking in sensitivity in this range , so I HIGHLY recommend at a very minimum an amplified antenna such as the PA0RDT E-probe or mini whip . Also a good buffer for impedance transformation and an amplifier or external preamp will give you hours of listening fun on the X1M for the 2200 , 1750 , 630 , 600 meter experimental bands and also give you a preview of what to expect IF we ever get ARRL/FCC approval for a ham band at 630 meters and now looking less likely , another ham band on 2200 meters .

Besides ham and experimental activity you may get hooked on "chasing" NDB's , NAVTEX , Foreign Broadcast stations and all manner of stations that occupy the frequencies between 100 kHz. and 510 kHz.

Here is the link to a page that has many simple , cheap , and easy projects you can put together easily in one evening to explore this and even the frequencies below the coverage range (100 kHz.) on the X1M . It is a home hobbyist electronics page and has a wide range of simple , clever , cheap , and easy to build projects for the home hobbyist . It has a matching Yahoo group . called techlib where you will find all of the support for ANY of these projects that you might find of interest . The designer of all the projects offers his personal , as extensive as you require , support for all of these projects . It is a free site and has some really nice "outside of the box building blocks" in case you want to "roll your own" project . The URL is http://www.techlib.com be sure and also check the circuits tab at the top of the page too .

My beacon is running QRSS60 , 24/7 , and is on 185.2984 kHz. with the identifier of CV

Most people start out listening to QRSS and also NDB's with a free program called ARGO , a program designed for weak signal work . It can be downloaded from this URL http://www.weaksignals.com/

There are several free NAVTEX decoder programs out there . If you have any questions , please feel free to ask me .

Just another way to get closer to maximum fun out of the X1M .

Charlie , W5COV

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2222. Re: [X1M_QRP-Transceiver] LOWFER BEACON TEST

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-12 02:26:51 UTC
From: Dale Parfitt
Topic: 2220 Message: 2222

I am seeing a signal just into the noise- hopefully it will pick up just a bit. Freq= 185.1384KHz. I think my loop may be nulled a bit toward you- so I'll rotate it around. Even though this is skywave, it may help a dB or so- that's all the more signal I need to make out the ID.

Dale W4OP

2224. Re: [X1M_QRP-Transceiver] LOWFER BEACON TEST

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-12 04:21:00 UTC
From: Charlie , W5COV
Topic: 2220 Message: 2224

Man what a weather change here since earlier . I now have about a 40 MPH wind out of the north and the vertical wire radiator is swinging in the wind and the loading is changing as it moves around . Something I am going to have to stabilize better some day and I don't know for sure when that will be.

The high here today was 71 degrees and it is supposed to be from 16 to 24 by morning !!!! Then more wind so the chill factor is going to be downright cold . Haven't seen how long until it is supposed to warm up again .

Saw the 600 meter guys were giving it up for the evening and one station was going to give 630 a try , due to very poor conditions . However just saw a couple of posts for 74 kHz. and signals look great on that band .

Will be leaving the beacon on 24/7 .

Guess I will play with the X1M and see if I can add a state or two or maybe even a couple of new countries .

Charlie , W5COV

On 11/11/2013 8:26 PM, Dale Parfitt wrote:
>
> I am seeing a signal just into the noise- hopefully it will pick up
> just a bit. Freq= 185.1384KHz. I think my loop may be nulled a bit
> toward you- so I'll rotate it around. Even though this is skywave, it
> may help a dB or so- that's all the more signal I need to make out the ID.
> Dale W4OP
>

2225. Re: [X1M_QRP-Transceiver] LOWFER BEACON TEST

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-12 04:57:01 UTC
From: Bill Maxwell
Topic: 2220 Message: 2225

An interesting use for the X1M Charlie and one that certainly drew my interest to the radio as soon as it was announced. I haven't seen any advertising of the kit version recently. Can anybody throw any light on its availability?

I know that the cost difference was marginal but there is just a little lingering feeling of guilt for me in buying ready-built rigs. Even a little bit of personal input to the assembly process seems closer to our amateur radio heritage.

73

Bill
On 12/11/2013 3:21 PM, Charlie , W5COV wrote:
>
>
> Man what a weather change here since earlier . I now have about a 40
> MPH wind out of the north and the vertical wire radiator is swinging
> in the wind and the loading is changing as it moves around . Something
> I am going to have to stabilize better some day and I don't know for
> sure when that will be.
>
> The high here today was 71 degrees and it is supposed to be from 16 to
> 24 by morning !!!! Then more wind so the chill factor is going to be
> downright cold . Haven't seen how long until it is supposed to warm up
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> station was going to give 630 a try , due to very poor conditions .
> However just saw a couple of posts for 74 kHz. and signals look great
> on that band .
>
> Will be leaving the beacon on 24/7 .
>
> Guess I will play with the X1M and see if I can add a state or two or
> maybe even a couple of new countries .
>
> Charlie , W5COV
>
>
> On 11/11/2013 8:26 PM, Dale Parfitt wrote:
>>
>> I am seeing a signal just into the noise- hopefully it will pick up
>> just a bit. Freq= 185.1384KHz. I think my loop may be nulled a bit
>> toward you- so I'll rotate it around. Even though this is skywave, it
>> may help a dB or so- that's all the more signal I need to make out

>> the ID.
>> Dale W4OP
>
>
>
>

2226. Re: [X1M_QRP-Transceiver] LOWFER BEACON TEST

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-12 07:41:31 UTC
From: Charlie , W5COV
Topic: 2220 Message: 2226

Hi Bill ,

Many of us on here share the interest of MF/LF listening and in my particular case also transmitting . Almost everyone who tries it this time of year is immediately hooked on it . My main interest these days is from basically DC - 2 MHz.

During the day if those frequencies are dead then I find time to do some hamming on the other bands .

Like you , some of us are old school hams . I celebrate being licensed for 48 years , this month . I still build regularly , today for experimenting and fun mainly , unlike when I became a ham at age 12 where I did it out of necessity and spent many fun filled days doing curb and landfill "shopping" on my bicycle to find all of the new treasure trove of parts that were put out for the trash .

I don't know if there is a kit version of the X1M or whatever the kit was called , even available for sale today . It is not a project that I could even begin to undertake , given some health issues and the size of SMD's used in it . I saw several bad stories about the kit and especially the drawings and the instructions .

However all is not completely lost . One can build the AGC kit that is available to put inside the X1M and naturally the audio mod has to be done before you can use the AGC kit . I am sure that there are other mods that people will find and do as more technical people get the radio . I have generated a long list of accessories that I could build for the X1M and make it a full base setup with all of the matching accessories like the big Japanese companies have made over the years to fill the desktop with all matching accessories to go with their rigs .

When I was able to confirm that the X1M would indeed transmit on 137 kHz. , I ordered mine the next day . Naturally I had different visions of using mine than most conventional buyers and hams bought them for . I only wish that they would go ahead and open it up in the firmware to allow it to go down to say 50 kHz. That would allow us to listen to WWVB and to listen to the 4,000 meter experimental band . That is about the only change that is not going to be addressed in the final firmware version , as far as I am aware of.

A couple of guys have also successfully built a speech processor for it that will actually fit into the microphone. A couple of other guys are also working on an interface specifically designed for the X1M , for people that like to build their own , digital modes interface . I know of another person that is working on a very nice small power supply for it . It is a switcher , so it will be lightweight also and he is very

experienced in this field and is going to great lengths to make it very nice and RF friendly to the X1M .

I like to see people getting involved in building projects to enhance this great little rig . It seems the ham spirit still lives on and since I am now one of the old timers , I like to see younger or new to ham radio people get involved in building and helping others .

73 , Charlie

On 11/11/2013 10:57 PM, Bill Maxwell wrote:
>
> An interesting use for the X1M Charlie and one that certainly drew my
> interest to the radio as soon as it was announced. I haven't seen any
> advertising of the kit version recently. Can anybody throw any light
> on its availability?
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>
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>
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>> station was going to give 630 a try , due to very poor conditions .
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>> On 11/11/2013 8:26 PM, Dale Parfitt wrote:
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2227. Re: [X1M_QRP-Transceiver] LOWFER BEACON TEST

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-12 08:40:40 UTC
From: Droid Power
Topic: 2220 Message: 2227

we need to start pitching the x1m to the open source crowd then they will start to write open firmware for the radio and we will be able to get it to do whatever. If i were any good at programming id take a stab at it but alas i suck

On Mon, Nov 11, 2013 at 11:41 PM, Charlie , W5COV <cvest@...> wrote:

>
>
> Hi Bill ,
>
> Many of us on here share the interest of MF/LF listening and in my
> particular case also transmitting . Almost everyone who tries it this time
> of year is immediately hooked on it . My main interest these days is from
> basically DC - 2 MHz.
>
> During the day if those frequencies are dead then I find time to do some
> hamming on the other bands .
>
> Like you , some of us are old school hams . I celebrate being licensed for
> 48 years , this month . I still build regularly , today for experimenting
> and fun mainly , unlike when I became a ham at age 12 where I did it out of
> necessity and spent many fun filled days doing curb and landfill "shopping"
> on my bicycle to find all of the new treasure trove of parts that were put
> out for the trash .
>
> I don't know if there is a kit version of the X1M or whatever the kit was
> called , even available for sale today . It is not a project that I could
> even begin to undertake , given some health issues and the size of SMD's
> used in it . I saw several bad stories about the kit and especially the
> drawings and the instructions .
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> However all is not completely lost . One can build the AGC kit that is
> available to put inside the X1M and naturally the audio mod has to be done
> before you can use the AGC kit . I am sure that there are other mods that
> people will find and do as more technical people get the radio . I have
> generated a long list of accessories that I could build for the X1M and
> make it a full base setup with all of the matching accessories like the big
> Japanese companies have made over the years to fill the desktop with all
> matching accessories to go with their rigs .
>
> When I was able to confirm that the X1M would indeed transmit on 137 kHz.
> , I ordered mine the next day . Naturally I had different visions of using
> mine than most conventional buyers and hams bought them for . I only wish
> that they would go ahead and open it up in the firmware to allow it to go

> down to say 50 kHz. That would allow us to listen to WWVB and to listen to
> the 4,000 meter experimental band . That is about the only change that is
> not going to be addressed in the final firmware version , as far as I am
> aware of.
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> A couple of guys have also successfully built a speech processor for it
> that will actually fit into the microphone. A couple of other guys are also
> working on an interface specifically designed for the X1M , for people that
> like to build their own , digital modes interface . I know of another
> person that is working on a very nice small power supply for it . It is a
> switcher , so it will be lightweight also and he is very experienced in
> this field and is going to great lengths to make it very nice and RF
> friendly to the X1M .
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> I like to see people getting involved in building projects to enhance this
> great little rig . It seems the ham spirit still lives on and since I am
> now one of the old timers , I like to see younger or new to ham radio
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> 73 , Charlie
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> availability?
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> bit of personal input to the assembly process seems closer to our amateur
> radio heritage.
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> Bill
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> Man what a weather change here since earlier . I now have about a 40 MPH
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2228. Re: [X1M_QRP-Transceiver] LOWFER BEACON TEST

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-12 09:23:33 UTC
From: Bill Maxwell
Topic: 2220 Message: 2228

Thanks for your very full response, Charlie.

You have a considerable lead on me, as I have only been licenced for 35 years, although my first tinkering in the hobby commenced 16 years earlier at the age of 14.

In those days, we did not have a novice licence in VK and while there was a code free licence available, the theory and regulation papers were those for the full licence exams. Somehow, the dictates of general education, getting a job and then starting a family got in the way of sitting the examinations until I hit 30. I have had the odd vacation from the hobby in the intervening years, as employment dictated, but then again, one of the huge advantages of the hobby is that you can drift in and out of active pursuit.

In recent years, with retirement, I have turned to SMD and found to my amazement that I can build faster using them. I first have to remove all corrective lens though. I can still focus well on a circuit board from a foot away without visual correction but when I look up, everything beyond that distance is a blur.

That said, the photos I have seen of the kit version of the X1M suggest that it was largely already assembled, really only requiring the interconnection of populated pcbs. a little reminiscent of PC assembly in the 1990s.

I have ordered the AGC kit although I have yet to "pull the trigger", as I think it is known on your side of the world, on purchasing the X1M itself but it is only a matter of time and perhaps wider availability. It certainly appeals to me as an exciter for other experimentation, especially down low.

I look forward to our future development work on this wee beastie, as my forefathers might have termed it.

73

Bill

VK1MX and VK7MX
On 12/11/2013 6:41 PM, Charlie , W5COV wrote:
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> where I did it out of necessity and spent many fun filled days doing
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2229. Re: [X1M_QRP-Transceiver] LOWFER BEACON TEST

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-12 10:12:08 UTC
From: Charlie , W5COV
Topic: 2220 Message: 2229

I do hope that they are planning larger and more frequent production runs of this radio . Does anyone know how many radios are scheduled for production in this November run ?

I am afraid there are more people wanting one , than will be produced . I look forward to wider availability too Bill , so we can have many more people involved in doing more things with this small wonder .

Charlie , W5COV

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2230. Re: [X1M_QRP-Transceiver] LOWFER BEACON TEST

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-12 12:24:45 UTC
From: Stephen Farthing
Topic: 2220 Message: 2230

Charlie, and the group,

The plans for the PA0RDT mini whip are here :-

http://www.radiopassioni.it/pdf/pa0rdt-Mini-Whip.PDF

There is a paper by Chris Trask N7ZWY on something similar here :-

http://home.earthlink.net/~christrask/Active%20Monopole%20Amplifier.pdf

There is an AMRAD design here :-

http://www.arrl.org/files/file/Technology/tis/info/pdf/0109031.pdf

but the CP666 transistor is rare, power hungry and expensive....See here
for using the cheaper and easier to find J310

http://www.amrad.org/projects/lf/actant/faq.pdf

As I am stuck in doors with a bad head cold I'll lash up one of the PA0RDT
design but using a
Motorola CG0001 (equivalent to a 2N3866) instead of the 2N5109

Hope this helps....

What power output do you use for your beacon Charlie?

73s Steve G0XAR

On 12 November 2013 00:49, Charlie , W5COV <cvest@...> wrote:

>
>
> If any of you care to have something to do tonight , I have put my home
> built beacon on the air 24/7 . Right now it is just for some testing as
> I am finishing up a new beacon . It is not on my full legal limit length
> transmitting antenna , but my test antenna does a decent job out to
> about 500 miles .
>
> The X1M is capable of receiving on this frequency , but like most ham
> transceivers , is lacking in sensitivity in this range , so I HIGHLY
> recommend at a very minimum an amplified antenna such as the PA0RDT
> E-probe or mini whip . Also a good buffer for impedance transformation
> and an amplifier or external preamp will give you hours of listening fun
> on the X1M for the 2200 , 1750 , 630 , 600 meter experimental bands and
> also give you a preview of what to expect IF we ever get ARRL/FCC
> approval for a ham band at 630 meters and now looking less likely ,
> another ham band on 2200 meters .

>
> Besides ham and experimental activity you may get hooked on "chasing"
> NDB's , NAVTEX , Foreign Broadcast stations and all manner of stations
> that occupy the frequencies between 100 kHz. and 510 kHz.
>
> Here is the link to a page that has many simple , cheap , and easy
> projects you can put together easily in one evening to explore this and
> even the frequencies below the coverage range (100 kHz.) on the X1M .
> It is a home hobbyist electronics page and has a wide range of simple ,
> clever , cheap , and easy to build projects for the home hobbyist . It
> has a matching Yahoo group . called techlib where you will find all of
> the support for ANY of these projects that you might find of interest .
> The designer of all the projects offers his personal , as extensive as
> you require , support for all of these projects . It is a free site and
> has some really nice "outside of the box building blocks" in case you
> want to "roll your own" project . The URL is http://www.techlib.com
> be sure and also check the circuits tab at the top of the page too .
>
> My beacon is running QRSS60 , 24/7 , and is on 185.2984 kHz. with the
> identifier of CV
>
> Most people start out listening to QRSS and also NDB's with a free
> program called ARGO , a program designed for weak signal work . It can
> be downloaded from this URL http://www.weaksignals.com/
>
> There are several free NAVTEX decoder programs out there . If you have
> any questions , please feel free to ask me .
>
> Just another way to get closer to maximum fun out of the X1M .
>
> Charlie , W5COV
>
>
>

2231. Re: [X1M_QRP-Transceiver] LOWFER BEACON TEST

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-12 13:51:53 UTC
From: Dale Parfitt
Topic: 2220 Message: 2231

Hi Stephen,
I have been running some comparisons between my broadband 7' shielded loop and my PA0RDT E probe. Not quite fair as the E probe does not have any common mode filtering on it. Both are powered by a Clifton Labs bias Tee. BTW That is the largest difference I see. A properly designed bias Tee makes a large difference in common mode. The Clifton (who also designed the Pixel Loop) Te has a toroidal transformer that breaks the DC ground path between the RX and the Antenna feeder. Also common mode chokes on both the B+ and B- that feeds the Tee. There is an updated power supply in one of the Crawley Club publications that shows roughly how to build such a Tee.

Anyway back to the loop comparisons. I am in a very rural area on a large lake- very few permanent winter residents here so my local noise is very low. I do notice however a dip in the noise level when I rotate the loop so as to place its null on the house. The loop is on a short tower about 200' from the house. The probe, on the other hand, can be swamped with noise from the house. That is the primary difference I am seeing. So the loop has been my antenna choice this season.

Dale W4OP
----- Original Message -----
From: Stephen Farthing
To: X1M_QRP-Transceiver@...m
Sent: Tuesday, November 12, 2013 7:24 AM
Subject: Re: [X1M_QRP-Transceiver] LOWFER BEACON TEST

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Here is the link to a page that has many simple , cheap , and easy projects you can put together easily in one evening to explore this and even the frequencies below the coverage range (100 kHz.) on the X1M . It is a home hobbyist electronics page and has a wide range of simple , clever , cheap , and easy to build projects for the home hobbyist . It has a matching Yahoo group . called techlib where you will find all of the support for ANY of these projects that you might find of interest . The designer of all the projects offers his personal , as extensive as you require , support for all of these projects . It is a free site and has some really nice "outside of the box building blocks" in case you want to "roll your own" project . The URL is http://www.techlib.com be sure and also check the circuits tab at the top of the page too .

My beacon is running QRSS60 , 24/7 , and is on 185.2984 kHz. with the identifier of CV

Most people start out listening to QRSS and also NDB's with a free program called ARGO , a program designed for weak signal work . It can be downloaded from this URL http://www.weaksignals.com/

There are several free NAVTEX decoder programs out there . If you have any questions , please feel free to ask me .

Just another way to get closer to maximum fun out of the X1M .

Charlie , W5COV

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2232. RE: X1M So-Far

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-12 15:48:40 UTC
From: <neilgoldstein@...>
Topic: 2217 Message: 2232

I edited the interface section of the Wiki

---In x1m_qrp-transceiver@yahoogroups.com, <droidgsm2013@...> wrote:

wow all of that is really cool info, would you be interested in making more details explanations for the wiki. X1M.wikia.com http://X1M.wikia.com

On Mon, Nov 11, 2013 at 11:32 AM, <neilgoldstein@... mailto:neilgoldstein@...> wrote:
This is just a general wrap-up of everything I have done with my X1M original model to date.

1. QRP Go-kit: I purchased a used custom foam case, and tore out more foam to fit all of the accessories, radio, cord and antenna wires.

2. Tuner: Using the excellent ZM-2 tuner from Emtech

3. Antenna: I have an assortment of 16 gauge wire lengths that I hang when I'm portable, using the water bottle method, or whatever MacGuyver procedures are available given the location

4. Audio: I have not performed the audio mod. I use a tiny powered speaker, which is about the size of a golf ball. Works well.

5. Microphone: Like many of you, I had trouble with the mic connector. I re-soldered and sealed the connection.

6. Out-of supplied filter-range use: For the top part of 80 and 40, I'll wait for the firmware upgrade for the older model. I tested the radio on 17 and 12 on my Elmer's service monitor. 17 was pretty bad. For 17 I am going to order a low-pass filter kit from Kits-and-Parts. 12 was actually pretty clean on the monitor. I had a QSO with Lithuania on 12 a couple of weeks ago, while operating portable.

7. CAT cable: I made a cable by using a CP2102 USB to TTL module from eBay ($2.79 shipped). I semi-permanently connected a USB extension cable to it to get some length, sealing it on with heat-shrink. Then, on the other end I decided I wanted some break-out capability for being able to tie-in to the other 5 pins later on. We've seen in the schematic that they are connected to the LPF/BPF circuits, but I don't think anyone has implemented anything yet. I purchased a D-SUB9 male to RJ45 adapter and connected the pins 1-to-1, 2-to-2 etc. For the initial cable I made the 3 necessary connections to half of a CAT5 cable that I split in two, and tied it to the CP2102 interface, leaving the extra 5 wires for later use. I know I could of just tied it all directly to a D-SUB but this way I have some quick-disconnect options in the field. It works with HRD in Windows, and FLDIGI in Mac, Windows, and Linux. So far so good.

8. "Tune Button": I got tired of carrying around a full straight key just to tune-up. My first implementation of this is just a tiny click-on-off button heat-shrinked directly into the back of a 3.5mm plug. Later I'll move it inside the rig.

9. Power: First, I lugged around one of those jump-start kits. It worked great, as I think I could run the X1M off of this monster for a week or more. At the last LIMARC Ham Fair here on Long Island the "battery guy" was selling these small 4-amp battery packs. Just a bunch of Li-ion cells wrapped with a 12V accessory socket and a charging circuit. Came with a wall-brick charger. Great little battery. I'd post a link, but it's not on their web site. I'll post the model # and company contact in a future post as well as a picture in case anyone wants to order one. I think it was $40. It even powers my HTX-10, or any of my dual-band VHF-UHF mobiles (on low power)

10. Future: I pre-ordered the upgrade kit from Ed at Import Communications. Looking forward to that, and the firmware upgrade. I'm planning on a SingaLink USB interface or the SCI-6 from Unified Micro for digital modes. Once I have everything the way I want it, I may replace the garage-sale case with a real one. I'm considering an amp. possibly the HardRock 50 kit.

DX Contacts (all SSB):
10M: Guadeloupe, Antigua, DR, Fr. Guiana, Argentina, Columbia, UK, Mexico
12M: Lithuania
15M: Venezuela, Germany, Denmark, UK, Scotland, Azores, Ukraine, Slovenia
20M: PEI Canada, Czech Rep, Denmark

I'm happy with this.

2233. Re: [X1M_QRP-Transceiver] RE: X1M So-Far

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-12 17:51:50 UTC
From: Droid Power
Topic: 2217 Message: 2233

thanks

On Tue, Nov 12, 2013 at 7:48 AM, <neilgoldstein@...> wrote:

>
>
> I edited the interface section of the Wiki
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <droidgsm2013@...> wrote:
>
> wow all of that is really cool info, would you be interested in making
> more details explanations for the wiki. X1M.wikia.com
>
>
>
> On Mon, Nov 11, 2013 at 11:32 AM, <neilgoldstein@...> wrote:
>
>
>
> This is just a general wrap-up of everything I have done with my X1M
> original model to date.
>
> 1. QRP Go-kit: I purchased a used custom foam case, and tore out more
> foam to fit all of the accessories, radio, cord and antenna wires.
>
> 2. Tuner: Using the excellent ZM-2 tuner from Emtech
>
> 3. Antenna: I have an assortment of 16 gauge wire lengths that I hang
> when I'm portable, using the water bottle method, or whatever MacGuyver
> procedures are available given the location
>
> 4. Audio: I have not performed the audio mod. I use a tiny powered
> speaker, which is about the size of a golf ball. Works well.
>
> 5. Microphone: Like many of you, I had trouble with the mic connector. I
> re-soldered and sealed the connection.
>
> 6. Out-of supplied filter-range use: For the top part of 80 and 40, I'll
> wait for the firmware upgrade for the older model. I tested the radio on
> 17 and 12 on my Elmer's service monitor. 17 was pretty bad. For 17 I am
> going to order a low-pass filter kit from Kits-and-Parts. 12 was actually
> pretty clean on the monitor. I had a QSO with Lithuania on 12 a couple of
> weeks ago, while operating portable.
>

> 7. CAT cable: I made a cable by using a CP2102 USB to TTL module from
> eBay ($2.79 shipped). I semi-permanently connected a USB extension cable
> to it to get some length, sealing it on with heat-shrink. Then, on the
> other end I decided I wanted some break-out capability for being able to
> tie-in to the other 5 pins later on. We've seen in the schematic that they
> are connected to the LPF/BPF circuits, but I don't think anyone has
> implemented anything yet. I purchased a D-SUB9 male to RJ45 adapter and
> connected the pins 1-to-1, 2-to-2 etc. For the initial cable I made the 3
> necessary connections to half of a CAT5 cable that I split in two, and tied
> it to the CP2102 interface, leaving the extra 5 wires for later use. I
> know I could of just tied it all directly to a D-SUB but this way I have
> some quick-disconnect options in the field. It works with HRD in
> Windows, and FLDIGI in Mac, Windows, and Linux. So far so good.
>
> 8. "Tune Button": I got tired of carrying around a full straight key just
> to tune-up. My first implementation of this is just a tiny click-on-off
> button heat-shrinked directly into the back of a 3.5mm plug. Later I'll
> move it inside the rig.
>
> 9. Power: First, I lugged around one of those jump-start kits. It worked
> great, as I think I could run the X1M off of this monster for a week or
> more. At the last LIMARC Ham Fair here on Long Island the "battery guy"
> was selling these small 4-amp battery packs. Just a bunch of Li-ion cells
> wrapped with a 12V accessory socket and a charging circuit. Came with a
> wall-brick charger. Great little battery. I'd post a link, but it's not
> on their web site. I'll post the model # and company contact in a future
> post as well as a picture in case anyone wants to order one. I think it
> was $40. It even powers my HTX-10, or any of my dual-band VHF-UHF mobiles
> (on low power)
>
> 10. Future: I pre-ordered the upgrade kit from Ed at Import
> Communications. Looking forward to that, and the firmware upgrade. I'm
> planning on a SingaLink USB interface or the SCI-6 from Unified Micro for
> digital modes. Once I have everything the way I want it, I may replace the
> garage-sale case with a real one. I'm considering an amp. possibly the
> HardRock 50 kit.
>
> DX Contacts (all SSB):
> 10M: Guadeloupe, Antigua, DR, Fr. Guiana, Argentina, Columbia, UK, Mexico
> 12M: Lithuania
> 15M: Venezuela, Germany, Denmark, UK, Scotland, Azores, Ukraine, Slovenia
> 20M: PEI Canada, Czech Rep, Denmark
>
> I'm happy with this.
>
>
>
>

2234. X1M on Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-12 22:07:54 UTC
From: Dale Parfitt
Topic: 2234 Message: 2234

I would really prefer NOT to have any of my files or photos appear on the Wiki site.
Not sure what the copyright law is here- but whoever is in charge, please remove any W4OP files from the Wiki site.

Tnx,

Dale W4OP

2235. RE: [X1M_QRP-Transceiver] X1M on Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-12 22:35:25 UTC
From: Lee
Topic: 2234 Message: 2235

When this idea first came up I said,

I like to keep all the information in one place to make it easier to find. The current Yahoo Group works for me. Our messages are there, our photos are the and our files are there. I don't think if you can put files and photos in a wiki.

Lee – N9LO

REMOVE MY MICROPHONE WIRING DIAGRAM. IT HAS MY NAME AND CALL LETTERS ON IT. You have published it another location from where I put it.

Moderator, would you please remove this thief from this group.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Tuesday, November 12, 2013 4:08 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M on Wiki

☐

I would really prefer NOT to have any of my files or photos appear on the Wiki site.

Not sure what the copyright law is here- but whoever is in charge, please remove any W4OP files from the Wiki site.

Tnx,

Dale W4OP

2236. UK Calling

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 01:16:51 UTC
From: m5zzr@btinternet.com
Topic: 2236 Message: 2236

It's a happy Tuesday for me, my UK - X1M arrived from Moonraker.
I'm delighted to see that the models intended for the UK market are
BNC equipped. The advertising photographs showed an SO-239 and
that's what I was expecting.

So far, I've only transmitted into a metered dummy load - my
antennas are currently down due to weather - I should be able to get
them back in the air tomorrow, it is producing about 4.5 watts of SSB on
all filtered bands.

40 meter stations were strong enough this afternoon for me to receive
with the antennas on the ground; my radio seems to have plenty of volume
(for now) and a very low noise floor. The recovered audio is well
rounded and pleasant to listen to, I guess the volume mod will still
need to be done for AGC purposes though.

I've posted a number of pictures showing the front panel, the rear
panel including the "HEAD-HPONE" socket - HI and serial #, the
supplied microphone and it's interior and the interior of the 3.5mm
microphone plug prior to it receiving some attention.

A couple of QC niggles to mention but not enough to disappoint;

the microphone plug that others have noted (now resolved);

the F3 button didn't work at first and I had to pull it nearly out
and push it back in several times before it located and started working,
all the `F' buttons seem a bit wobbly, but they do the job
faultlessly save the above issue;

the external speaker socket is intermittent , full volume failing to
re-appear when the plug is removed □ pushing the plug in and pulling
it out again resolves the problem but it's very touchy, I think it
may well settle itself with use;

the BNC socket was loose as were the case screws.

It might sound a 'little' gloomy but I'm very happy with my
purchase, all the important things appear to be in order and, as for the
QC issues? Easily resolved.

I'll follow up when I've aired it proper, So far I'm
thrilled! WHAT a super little rig and what a super group.

I foresee FUN ahead!

Mel. M5ZZR.

2237. RE: X1M on Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 03:28:35 UTC
From: <r-mason@...>
Topic: 2234 Message: 2237

Whoever is working on the Wiki would do well to first read through 'Title 17 of the US Code', regarding Federal Copyright law and the penalties possible for those violations. Any work created is automatically protected by US Copyright. Whether written, a work of art, music, video, schematic, etc. and MAY NOT be used, copied, published, without the permission of the creator (other than 'fair use' - look it up). Besides, it just good manners to ask before posting anything that you did not create. It is not necessary to include a Copyright Notice or the Copyright Symbol with a work to obtain Copyright. It is automatically bestowed upon creation. Trademarks are another story, but not part of this discussion.
Many times the creator of a work will allow publication, if attribution is made and the work is not altered in any way. But, ALWAYS ASK FIRST.

Roger N4HSI

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ I would really prefer NOT to have any of my files or photos appear on the Wiki site.
Not sure what the copyright law is here- but whoever is in charge, please remove any W4OP files from the Wiki site.

Tnx,

Dale W4OP

2238. RE: UK Calling

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 03:31:31 UTC
From: <r-mason@...>
Topic: 2236 Message: 2238

Serial Number X 1066? 1066 - Battle of Hastings What say you, Sir?

Roger N4HSI

---In x1m_qrp-transceiver@yahoogroups.com, <m5zzr@...> wrote:

It's a happy Tuesday for me, my UK - X1M arrived from Moonraker. I'm delighted to see that the models intended for the UK market are BNC equipped. The advertising photographs showed an SO-239 and that's what I was expecting.
So far, I've only transmitted into a metered dummy load - my antennas are currently down due to weather - I should be able to get them back in the air tomorrow, it is producing about 4.5 watts of SSB on all filtered bands.
40 meter stations were strong enough this afternoon for me to receive with the antennas on the ground; my radio seems to have plenty of volume (for now) and a very low noise floor. The recovered audio is well rounded and pleasant to listen to, I guess the volume mod will still need to be done for AGC purposes though.
I've posted a number of pictures showing the front panel, the rear panel including the "HEAD-HPONE" socket - HI and serial #, the supplied microphone and it's interior and the interior of the 3.5mm microphone plug prior to it receiving some attention.
A couple of QC niggles to mention but not enough to disappoint;
the microphone plug that others have noted (now resolved);
the F3 button didn't work at first and I had to pull it nearly out and push it back in several times before it located and started working, all the `F' buttons seem a bit wobbly, but they do the job faultlessly save the above issue;
the external speaker socket is intermittent , full volume failing to re-appear when the plug is removed ☐ pushing the plug in and pulling it out again resolves the problem but it's very touchy, I think it may well settle itself with use;
the BNC socket was loose as were the case screws.
It might sound a 'little' gloomy but I'm very happy with my purchase, all the important things appear to be in order and, as for the QC issues? Easily resolved.
I'll follow up when I've aired it proper, So far I'm thrilled! WHAT a super little rig and what a super group.
I foresee FUN ahead!
Mel. M5ZZR.

2239. RE: [X1M_QRP-Transceiver] RE: X1M on Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 04:21:42 UTC
From: Lee
Topic: 2234 Message: 2239

Very nice. I posted a photo there that says it all. I hope he deletes the photos he took without permission. droidgsm2013@... is the user that is doing it. So what kind of user asks a lot of questions instead of looking in the files section for themselves and is afraid to sign the questions with a name or call sign? Could be just a kid not smart enough to get a license and is pretending.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of r-mason@...
Sent: Tuesday, November 12, 2013 9:29 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: X1M on Wiki

Whoever is working on the Wiki would do well to first read through 'Title 17 of the US Code', regarding Federal Copyright law and the penalties possible for those violations. Any work created is automatically protected by US Copyright. Whether written, a work of art, music, video, schematic, etc. and MAY NOT be used, copied, published, without the permission of the creator (other than 'fair use' - look it up). Besides, it just good manners to ask before posting anything that you did not create. It is not necessary to include a Copyright Notice or the Copyright Symbol with a work to obtain Copyright. It is automatically bestowed upon creation. Trademarks are another story, but not part of this discussion.

Many times the creator of a work will allow publication, if attribution is made and the work is not altered in any way. But, ALWAYS ASK FIRST.

Roger N4HSI

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐

I would really prefer NOT to have any of my files or photos appear on the Wiki site.

Not sure what the copyright law is here- but whoever is in charge, please remove any W4OP files from the Wiki site.

Tnx,

Dale W4OP

2240. RE: [X1M_QRP-Transceiver] RE: X1M on Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 07:19:50 UTC
From: Droid Power
Topic: 2234 Message: 2240

I provided citations on the picture, if I forgot to do so I'd gladly fix that I however did not steal anything. This is fair use as it is for educatonial purposes only. Maybe you don't understand the point of the wiki as a source of information. No one is taking credit for anything and no money is being made. Yahoo groups are antiquated and serve a limit audience. Our hobby is in the process of dying out. We need to engage new users and meet there expectations of multimedia otherwise there will be few people left

2241. RE: X1M on Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 09:08:04 UTC
From: <ianrob@...>
Topic: 2234 Message: 2241

I don't know about the USA but in Australia, copyright means just that... the right to copy. It does not matter if it is for education or public interest. Whether anyone makes any money is irrelevant. The creator is the owner and no-one can use their material without their permission... Generally provided in written form. As far as I'm aware this does apply world wide. If the unnamed author thinks groups are now "old hat" and should be replaced by the new wiki technology so be it. I suggest he write his own data and post that for all who may be interested. Ian (VK3YIC) Sent from my iPhone

2242. Re: UK Calling

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 13:03:03 UTC
From: m5zzr@btinternet.com
Topic: 2236 Message: 2242

Exactly! - This is the only serial number I won't have to write down Roger. 73. Mel. M5ZZR.

In X1M_QRP-Transceiver@yahoogroups.com, wrote:

Serial Number X 1066? 1066 - Battle of Hastings What say you, Sir?

Roger N4HSI

2243. RE: [X1M_QRP-Transceiver] RE: X1M on Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 13:57:31 UTC
From: Lee
Topic: 2234 Message: 2243

So you are still afraid to sign your name or call sign, Loser?

It's not education when you just echo the information that is already collected in one place!

Our hobby is dying out? In the last 40 years the largest growth in new or upgraded licenses happened in 2012 according to the ARRL

You provided citations on the picture? The Yahoo Group you stole it from? What about the author? The group does not have ownership, YoYo..

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Droid Power
Sent: Wednesday, November 13, 2013 1:20 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: X1M on Wiki

I provided citations on the picture, if I forgot to do so I'd gladly fix that I however did not steal anything. This is fair use as it is for educatonial purposes only. Maybe you don't understand the point of the wiki as a source of information. No one is taking credit for anything and no money is being made. Yahoo groups are antiquated and serve a limit audience. Our hobby is in the process of dying out. We need to engage new users and meet there expectations of multimedia otherwise there will be few people left

2244. Re: [X1M_QRP-Transceiver] RE: X1M on Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 14:41:54 UTC
From: r mason
Topic: 2234 Message: 2244

Your 'definition' of Fair Use is wrong. Does not matter if there is any money being made. Giving attribution does not allow publishing content not your own. Educational purposes does not trump the right to restrict publication of materials not your own. Try publishing any other copyright protected material, say a Harry Potter novel, or just a chapter of the book, for 'educational purposes' on a wiki page and see if your definition of Fair Use holds up.

Yahoo Groups have become a pain in the gluteus maximus lately, I agree. Even though I will not live in a HOA restricted community in the real world, I do prefer a 'gated' community online. Wiki's do have their purpose, and I encourage you to pursue the X1M wiki, but use your own material unless you have gotten permission from the creator (copyright holder) of anyone's content you wish to publish.

This advice is offered Pro Bono and intended to give you enough information to keep you out of trouble in future.

I am not a lawyer, but have just enough legal training to be a danger to myself and those nearby. But, I have been involved in several copyright disputes in the past and have always won.

Roger N4HSI

On 11/13/2013 2:19 AM, Droid Power wrote:
>
> I provided citations on the picture, if I forgot to do so I'd gladly
> fix that I however did not steal anything. This is fair use as it is
> for educatonial purposes only. Maybe you don't understand the point of
> the wiki as a source of information. No one is taking credit for
> anything and no money is being made. Yahoo groups are antiquated and
> serve a limit audience. Our hobby is in the process of dying out. We
> need to engage new users and meet there expectations of multimedia
> otherwise there will be few people left
>
>

2245. RE: Re: [X1M_QRP-Transceiver] RE: X1M on Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 15:50:33 UTC
From: <dani.novak.eu@...>
Topic: 2234 Message: 2245

There's a lot of childish overreaction in this thread over a very trivial matter.

I don't see the issue - no licence was provided and credits have been included AFAIK, but if people are so worried about their intellectual property being abused then I suggest someone less anal about open information access creates clean-room designs of the schematics, etc in question.

Seeing as the data was published for the community of X1M owners in the first place you'd think those who improve the radio for the community would want their accomplishments to be enjoyed by all... seeing as it's not for commercial gain anyway.

Dani,
M6VPN

2246. Re: [Bulk] RE: Re: [X1M_QRP-Transceiver] RE: X1M on Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 15:55:36 UTC
From: john
Topic: 2234 Message: 2246

exactly...

john - wa8qca
On 11/13/2013 10:50 AM, dani.novak.eu@... wrote:
>
> There's a lot of childish overreaction in this thread over a very
> trivial matter.
>
>
> I don't see the issue - no licence was provided and credits have been
> included AFAIK, but if people are so worried about their intellectual
> property being abused then I suggest someone less anal about open
> information access creates clean-room designs of the schematics, etc
> in question.
>
> Seeing as the data was published for the community of X1M owners in
> the first place you'd think those who improve the radio for the
> community would want their accomplishments to be enjoyed by all...
> seeing as it's not for commercial gain anyway.
>
> Dani,
> M6VPN
>
>

2247. RE: X1M on Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 15:55:45 UTC
From: <dani.novak.eu@...>
Topic: 2234 Message: 2247

As a side-note, Wikis are an excellent way of structuring and presenting information in an accessible, useful way - Yahoo! Groups, Google Groups and other NNTP/NNTP-like services are great as a precursor to Forums but they're not ideal for preserving information in an easy to access, concise manner - having data "in one place" is all very well if that place is easily accessible and organised.

Dani,
M6VPN

---In x1m_qrp-transceiver@yahoogroups.com, <dani.novak.eu@...> wrote:

There's a lot of childish overreaction in this thread over a very trivial matter.

I don't see the issue - no licence was provided and credits have been included AFAIK, but if people are so worried about their intellectual property being abused then I suggest someone less anal about open information access creates clean-room designs of the schematics, etc in question.

Seeing as the data was published for the community of X1M owners in the first place you'd think those who improve the radio for the community would want their accomplishments to be enjoyed by all... seeing as it's not for commercial gain anyway.

Dani,
M6VPN

2248. Re: Re: [X1M_QRP-Transceiver] RE: X1M on Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 16:02:42 UTC
From: Dale Parfitt
Topic: 2234 Message: 2248

I have three issues- the first being my intellectual property, the second not being a fan of Wiki and the third being Droid not asking permission..
I have contacted Droid off of the group and hopefully this will be the end of it.

Dale W4OP

----- Original Message -----
From: dani.novak.eu@gmail.com
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 13, 2013 10:50 AM
Subject: RE: Re: [X1M_QRP-Transceiver] RE: X1M on Wiki

There's a lot of childish overreaction in this thread over a very trivial matter.

I don't see the issue - no licence was provided and credits have been included AFAIK, but if people are so worried about their intellectual property being abused then I suggest someone less anal about open information access creates clean-room designs of the schematics, etc in question.

Seeing as the data was published for the community of X1M owners in the first place you'd think those who improve the radio for the community would want their accomplishments to be enjoyed by all... seeing as it's not for commercial gain anyway.

Dani,
M6VPN

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2249. Mod question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 16:06:21 UTC
From: <mikejmardis@...>
Topic: 2249 Message: 2249

First off, WOW! I have never done anything this small before. Thank you Dale. If you didn't sell it for $11 I would've never tried it. Two questions: 1- what is the proper way to check to see if I bridged anything? 2- what is the other mod I need to perform on the radio when it comes in prior to completing this mod? Again, thank you Dale. If you've never done anything like this before, don't be afraid. Just be patient and take your time. Set up some at to easily catch dropped pieces. I did it once and it was the only time I almost cursed

2250. Re: [X1M_QRP-Transceiver] Mod question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 16:20:42 UTC
From: Dale Parfitt
Topic: 2249 Message: 2250

Hi Mike,
You just have to short out R80C on the bottom of the top board. Charlie has posted a couple of notes on doing this. It is easiest (from memory now) to run a very thin wire from Pin 1 of the LM386 to the (+) side of C155C. All on the bottom of the top board. The audio amp IC is right near the edge of the PCB, so this can be done w/o having to remove the board.

GL,

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 13, 2013 11:06 AM
Subject: [X1M_QRP-Transceiver] Mod question

First off, WOW! I have never done anything this small before. Thank you Dale. If you didn't sell it for $11 I would've never tried it. Two questions: 1- what is the proper way to check to see if I bridged anything? 2- what is the other mod I need to perform on the radio when it comes in prior to completing this mod? Again, thank you Dale. If you've never done anything like this before, don't be afraid. Just be patient and take your time. Set up some at to easily catch dropped pieces. I did it once and it was the only time I almost cursed

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2251. RE: Re: [X1M_QRP-Transceiver] Mod question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 16:41:24 UTC
From: <mikejmardis@...>
Topic: 2249 Message: 2251

I'm on my phone, so its a pain to reference. Are there any photos?

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Hi Mike,
You just have to short out R80C on the bottom of the top board. Charlie has posted a couple of notes on doing this. It is easiest (from memory now) to run a very thin wire from Pin 1 of the LM386 to the (+) side of C155C. All on the bottom of the top board. The audio amp IC is right near the edge of the PCB, so this can be done w/o having to remove the board.

GL,

Dale W4OP
----- Original Message -----
From: mikejmardis@... mailto:mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 13, 2013 11:06 AM
Subject: [X1M_QRP-Transceiver] Mod question

First off, WOW! I have never done anything this small before. Thank you Dale. If you didn't sell it for $11 I would've never tried it. Two questions: 1- what is the proper way to check to see if I bridged anything? 2- what is the other mod I need to perform on the radio when it comes in prior to completing this mod? Again, thank you Dale. If you've never done anything like this before, don't be afraid. Just be patient and take your time. Set up some at to easily catch dropped pieces. I did it once and it was the only time I almost cursed

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2252. Re: Re: [X1M_QRP-Transceiver] Mod question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 16:43:58 UTC
From: Dale Parfitt
Topic: 2249 Message: 2252

Not that I am aware of- without separating the boards, it is virtually impossible to get a camera shot.

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 13, 2013 11:41 AM
Subject: RE: Re: [X1M_QRP-Transceiver] Mod question

I'm on my phone, so its a pain to reference. Are there any photos?

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Hi Mike,
You just have to short out R80C on the bottom of the top board. Charlie has posted a couple of notes on doing this. It is easiest (from memory now) to run a very thin wire from Pin 1 of the LM386 to the (+) side of C155C. All on the bottom of the top board. The audio amp IC is right near the edge of the PCB, so this can be done w/o having to remove the board.

GL,

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 13, 2013 11:06 AM
Subject: [X1M_QRP-Transceiver] Mod question

First off, WOW! I have never done anything this small before. Thank you Dale. If you didn't sell it for $11 I would've never tried it. Two questions: 1- what is the proper way to check to see if I bridged anything? 2- what is the other mod I need to perform on the radio when it comes in prior to completing this mod? Again, thank you Dale. If you've never done anything like this before, don't be afraid. Just be patient and take your time. Set up some at to easily catch dropped pieces. I did it once and it was the only time I almost cursed

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Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2253. Re: UK Calling - On Air.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 17:03:25 UTC
From: m5zzr@btinternet.com
Topic: 2236 Message: 2253

I did manage to get the antennas back in the air today and managed a couple of QSOs. What a really super radio this is. I love the frequency navigation, (once I got used to it) jumping from band to band is easy.

On 40 meters, which is where I managed a couple of QSOs, there is more than enough audio and the noise floor is so low. As one moves up and down the band, there do seem to be segments where the receiver is more or less sensitive but this could be variations in signal to noise, it's too early for me to tell. Quite a few birdies too.

Working into a dipole at 6 meters AGL; I got 20 over 9, lovely audio from a station about 200 miles away and 5 x 8 from a mobile about 400 miles away, again complimenting the audio.

On 10 meters the noise floor is so low that the radio seems as if it's turned off, but springs to life for strong stations at least. I wouldn't be surprised if sensitivity is down on the higher bands; it seems this way, even with the pre-amp on, but I haven't compared with another radio alongside yet. I made some calls but got no replies on 10 which doesn't really surprise me.

Long-wave 198kHz BBC world service was loud and clear as were medium wave stations, and identical on both side-bands.

The F3 button is still a tad troublesome and I think I'll have to get the front panel off to look at it - the control knobs do seem very tight though and I'm somewhat reluctant at this stage.

So! Not much of an airing yet but an airing nevertheless, very satisfying. I'm so pleased to have purchased this one. I was really only looking for a simple single band CW kit to use as a signal source in the workshop when I found the X1M. There is no way that this is going to be relegated to that role so I'm still looking.

My next job is to manufacture a handlebar bracket for bicycle mobile.

73. Mel. M5ZZR

2254. RE: Re: Re: [X1M_QRP-Transceiver] Mod question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 17:09:55 UTC
From: <mikejmardis@...>
Topic: 2249 Message: 2254

I'll do my best to figure it out.
How about testing my soldering? Whats the best method to test for shorts on the AGC mod.

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Not that I am aware of- without separating the boards, it is virtually impossible to get a camera shot.

Dale W4OP
----- Original Message -----
From: mikejmardis@... mailto:mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 13, 2013 11:41 AM
Subject: RE: Re: [X1M_QRP-Transceiver] Mod question

I'm on my phone, so its a pain to reference. Are there any photos?

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com,
<parinc1@...> wrote:

☐ Hi Mike,
You just have to short out R80C on the bottom of the top board. Charlie has posted a couple of notes on doing this. It is easiest (from memory now) to run a very thin wire from Pin 1 of the LM386 to the (+) side of C155C. All on the bottom of the top board. The audio amp IC is right near the edge of the PCB, so this can be done w/o having to remove the board.

GL,

Dale W4OP
----- Original Message -----
From: mikejmardis@... mailto:mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 13, 2013 11:06 AM
Subject: [X1M_QRP-Transceiver] Mod question

First off, WOW! I have never done anything this small before. Thank you Dale. If you didn't sell it for $11 I would've never tried it. Two questions: 1- what is the proper way to check to see if I bridged anything? 2- what is the other mod I need to perform on the radio when it comes in prior to completing this mod? Again, thank you Dale. If you've never done anything like this before, don't be afraid. Just be patient and take your time. Set up some at to easily catch dropped pieces. I did it once and it was the only time I almost cursed

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Checked by AVG - www.avg.com http://www.avg.com

Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2255. Re: [X1M_QRP-Transceiver] RE: X1M on Wiki

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 17:15:57 UTC
From: Mike Mardis
Topic: 2234 Message: 2255

The bottom line is this. The man doesn't want his work on Wiki, period! Regardless of his reasons. Show some courtesy and keep HIS work off of it. You can make reference to this forum if you want to mention HIS work.
Being someone who benefits greatly from people like Dale, I would hate to lose this valuable service over a pissing contest.

Mike Mardis
AAR1CN

> On Nov 13, 2013, at 11:02 AM, "Dale Parfitt" <parinc1@...> wrote:
>
> □
>
> I have three issues- the first being my intellectual property, the second not being a fan of Wiki and the third being Droid not asking permission..
> I have contacted Droid off of the group and hopefully this will be the end of it.
>
> Dale W4OP
>
>
> ----- Original Message -----
> From: dani.novak.eu@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Wednesday, November 13, 2013 10:50 AM
> Subject: RE: Re: [X1M_QRP-Transceiver] RE: X1M on Wiki
>
>
> There's a lot of childish overreaction in this thread over a very trivial matter.
>
>
> I don't see the issue - no licence was provided and credits have been included AFAIK, but if people are so worried about their intellectual property being abused then I suggest someone less anal about open information access creates clean-room designs of the schematics, etc in question.
>
> Seeing as the data was published for the community of X1M owners in the first place you'd think those who improve the radio for the community would want their accomplishments to be enjoyed by all... seeing as it's not for commercial gain anyway.
>
> Dani,
> M6VPN
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

>
>

2256. Re: Re: Re: [X1M_QRP-Transceiver] Mod question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 17:30:30 UTC
From: Dale Parfitt
Topic: 2249 Message: 2256

Because of the solder mask, shorts would be difficult except on the op amp. A good lit magnifier should reveal any issues. Very important to use a small tip and very fine solder- that will make it difficult to dispense too much solder onto a joint.

Dale
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 13, 2013 12:09 PM
Subject: RE: Re: Re: [X1M_QRP-Transceiver] Mod question

I'll do my best to figure it out.

How about testing my soldering? Whats the best method to test for shorts on the AGC mod.

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Not that I am aware of- without separating the boards, it is virtually impossible to get a camera shot.

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 13, 2013 11:41 AM
Subject: RE: Re: [X1M_QRP-Transceiver] Mod question

I'm on my phone, so its a pain to reference. Are there any photos?

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Hi Mike,
You just have to short out R80C on the bottom of the top board. Charlie has posted a couple of notes on doing this. It is easiest (from memory now) to run a very thin wire from Pin 1 of the LM386 to the (+) side of C155C. All on the bottom of the top board. The audio amp IC is right near the edge of the PCB, so this can be done w/o having to remove the board.

GL,

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 13, 2013 11:06 AM
Subject: [X1M_QRP-Transceiver] Mod question

First off, WOW! I have never done anything this small before. Thank you Dale. If you didn't sell it for $11 I would've never tried it. Two questions: 1- what is the proper way to check to see if I bridged anything? 2- what is the other mod I need to perform on the radio when it comes in prior to completing this mod? Again, thank you Dale. If you've never done anything like this before, don't be afraid. Just be patient and take your time. Set up some at to easily catch dropped pieces. I did it once and it was the only time I almost cursed

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Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2257. RE: Re: [X1M_QRP-Transceiver] Mod question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 17:34:10 UTC
From: Jim Crooke
Topic: 2249 Message: 2257

Mike, the group file section has a folder called Mods and Reviews. In that folder, Ray, KD4HJT, posted a couple of pictures of the jumper. It helped me doing the mod.

Jim K0ESE

☐

Not that I am aware of- without separating the boards, it is virtually impossible to get a camera shot.

Dale W4OP

----- Original Message -----

From: mikejmardis@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Wednesday, November 13, 2013 11:41 AM

Subject: RE: Re: [X1M_QRP-Transceiver] Mod question

I'm on my phone, so its a pain to reference. Are there any photos?

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐

Hi Mike,

You just have to short out R80C on the bottom of the top board. Charlie has posted a couple of notes on doing this. It is easiest (from memory now) to run a very thin wire from Pin 1 of the LM386 to the (+) side of C155C. All on the bottom of the top board. The audio amp IC is right near the edge of the PCB, so this can be done w/o having to remove the board.

GL,

Dale W4OP

----- Original Message -----

From: mikejmardis@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Wednesday, November 13, 2013 11:06 AM

Subject: [X1M_QRP-Transceiver] Mod question

First off, WOW! I have never done anything this small before. Thank you Dale. If you didn't sell it for $11 I would've never tried it. Two questions: 1- what is the proper way to check to see if I bridged anything? 2- what is the other mod I need to perform on the radio when it comes in prior to completing this mod? Again, thank you Dale. If you've never done anything like this before, don't be afraid. Just be patient and take your time. Set up some at to easily catch dropped pieces. I did it once and it was the only time I almost cursed

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Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2258. Re: [X1M_QRP-Transceiver] Mod question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 18:22:15 UTC
From: mikejmardis@...
Topic: 2249 Message: 2258

Thanks Jim!

Sent from my iPhone

> On Nov 13, 2013, at 12:34, "Jim Crooke" <crooke@...> wrote:
>
> Mike, the group file section has a folder called Mods and Reviews. In that folder, Ray, KD4HJT, posted a couple of pictures of the jumper. It helped me doing the mod.
>
>
>
> Jim K0ESE
>
> □
>
> Not that I am aware of- without separating the boards, it is virtually impossible to get a camera shot.
>
>
>
> Dale W4OP
>
> ----- Original Message -----
>
> From: mikejmardis@...
>
> To: X1M_QRP-Transceiver@yahoogroups.com
>
> Sent: Wednesday, November 13, 2013 11:41 AM
>
> Subject: RE: Re: [X1M_QRP-Transceiver] Mod question
>
>
>
>
>
>
> I'm on my phone, so its a pain to reference. Are there any photos?
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:
>
> □
>
> Hi Mike,

>
> You just have to short out R80C on the bottom of the top board. Charlie has posted a couple of notes on doing this. It is easiest (from memory now) to run a very thin wire from Pin 1 of the LM386 to the (+) side of C155C. All on the bottom of the top board. The audio amp IC is right near the edge of the PCB, so this can be done w/o having to remove the board.
>
>
>
> GL,
>
>
>
> Dale W4OP
>
> ----- Original Message -----
>
> From: mikejmardis@...
>
> To: X1M_QRP-Transceiver@yahoogroups.com
>
> Sent: Wednesday, November 13, 2013 11:06 AM
>
> Subject: [X1M_QRP-Transceiver] Mod question
>
>
>
>
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>
> First off, WOW! I have never done anything this small before. Thank you Dale. If you didn't sell it for $11 I would've never tried it. Two questions: 1- what is the proper way to check to see if I bridged anything? 2- what is the other mod I need to perform on the radio when it comes in prior to completing this mod? Again, thank you Dale. If you've never done anything like this before, don't be afraid. Just be patient and take your time. Set up some at to easily catch dropped pieces. I did it once and it was the only time I almost cursed
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>
>

2259. Re: [X1M_QRP-Transceiver] Re: UK Calling - On Air.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 18:27:13 UTC
From: Bastress, David G
Topic: 2236 Message: 2259

GA Mel,

I don't know what particular type of signal source you are looking for
but http://www.qsl.net/k5bcq/Kits/Kits.html has a frequency synthesizer
kit available that might do what you are looking for and it is a whole lot
cheaper than a X1M. :-)

Dave K3GAU

On Wed, Nov 13, 2013 at 12:03 PM, m5zzr@... <m5zzr@...
> wrote:

>
>
>
> I did manage to get the antennas back in the air today and managed a
> couple of QSOs. What a really super radio this is. I love the frequency
> navigation, (once I got used to it) jumping from band to band is easy.
>
> On 40 meters, which is where I managed a couple of QSOs, there is more
> than enough audio and the noise floor is so low. As one moves up and
> down the band, there do seem to be segments where the receiver is more
> or less sensitive but this could be variations in signal to noise, it's
> too early for me to tell. Quite a few birdies too.
>
> Working into a dipole at 6 meters AGL; I got 20 over 9, lovely audio
> from a station about 200 miles away and 5 x 8 from a mobile about 400
> miles away, again complimenting the audio.
>
> On 10 meters the noise floor is so low that the radio seems as if it's
> turned off, but springs to life for strong stations at least. I
> wouldn't be surprised if sensitivity is down on the higher bands; it
> seems this way, even with the pre-amp on, but I haven't compared with
> another radio alongside yet. I made some calls but got no replies on 10
> which doesn't really surprise me.
>
> Long-wave 198kHz BBC world service was loud and clear as were medium
> wave stations, and identical on both side-bands.
>
> The F3 button is still a tad troublesome and I think I'll have to get
> the front panel off to look at it - the control knobs do seem very tight
> though and I'm somewhat reluctant at this stage.
>
> So! Not much of an airing yet but an airing nevertheless, very
> satisfying. I'm so pleased to have purchased this one. I was really only
> looking for a simple single band CW kit to use as a signal source in the

> workshop when I found the X1M. There is no way that this is going to be
> relegated to that role so I'm still looking.
>
> My next job is to manufacture a handlebar bracket for bicycle mobile.
>
> 73. Mel. M5ZZR
>
>
>

2260. Re: [X1M_QRP-Transceiver] Mod question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 18:38:27 UTC
From: Dale Parfitt
Topic: 2249 Message: 2260

Yes- thank you Jim and Ray- an excellent photo. And nice work on your board Mike- I could not see any errors in you photo.

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 13, 2013 1:22 PM
Subject: Re: [X1M_QRP-Transceiver] Mod question

Thanks Jim!

Sent from my iPhone

On Nov 13, 2013, at 12:34, "Jim Crooke" <crooke@...> wrote:

Mike, the group file section has a folder called Mods and Reviews. In that folder, Ray, KD4HJT, posted a couple of pictures of the jumper. It helped me doing the mod.

Jim K0ESE

☐

Not that I am aware of- without separating the boards, it is virtually impossible to get a camera shot.

Dale W4OP

----- Original Message -----

From: mikejmardis@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Wednesday, November 13, 2013 11:41 AM

Subject: RE: Re: [X1M_QRP-Transceiver] Mod question

I'm on my phone, so its a pain to reference. Are there any photos?

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐

Hi Mike,

You just have to short out R80C on the bottom of the top board. Charlie has posted a couple of notes on doing this. It is easiest (from memory now) to run a very thin wire from Pin 1 of the LM386 to the (+) side of C155C. All on the bottom of the top board. The audio amp IC

is right near the edge of the PCB, so this can be done w/o having to remove the board.

GL,

Dale W4OP

----- Original Message -----

From: mikejmardis@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Wednesday, November 13, 2013 11:06 AM

Subject: [X1M_QRP-Transceiver] Mod question

First off, WOW! I have never done anything this small before. Thank you Dale. If you didn't sell it for $11 I would've never tried it. Two questions: 1- what is the proper way to check to see if I bridged anything? 2- what is the other mod I need to perform on the radio when it comes in prior to completing this mod? Again, thank you Dale. If you've never done anything like this before, don't be afraid. Just be patient and take your time. Set up some at to easily catch dropped pieces. I did it once and it was the only time I almost cursed

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Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2261. TX Audio Processor.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 18:45:36 UTC
From: Bastress, David G
Topic: 2261 Message: 2261

GA All,

I wonder if would be possible to convince someone to build, or at least make the pc board, for the TX audio processor circuit that is on the users group site? Making it small enough to either fit in the microphone itself or inside the X1M would be nice.

Dave K3GAU

2262. RE: TX Audio Processor.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 19:09:04 UTC
From: <orders@...>
Topic: 2261 Message: 2262

Hi Dave,

That is my intention (board or kit) once I get mine dialed in. Lee seems to a bit ahead of me as far getting a happily working circuit. I'm still really working on tuning it, seeing the behavior of the input/output, etc.

Right now my first goal is to make it an inline for input jack -- so any microphone/radio combination can be done. If I get that far I'll certainly also think about how to design the board to also fit in the radio with the right connections as an option.

Due to power limitations I don't have my eye on it going into the microphone itself -- at this time. I know Lee has been working on that so he might have more success at this point.

-Chrs
KC8MUS

---In x1m_qrp-transceiver@yahoogroups.com, <bastress@...> wrote:

GA All,

I wonder if would be possible to convince someone to build, or at least make the pc board, for the TX audio processor circuit that is on the users group site? Making it small enough to either fit in the microphone itself or inside the X1M would be nice.

Dave K3GAU

2263. X1M Internal Speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 20:19:08 UTC
From: Dale Parfitt
Topic: 2263 Message: 2263

If someone on the list has the case off their X1M, would you accurately measure the outside diameter of the speaker?
I am looking into some mylar speakers that may offer us better and perhaps louder audio.

Tnx,

Dale W4OP

2264. Mods

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 20:25:54 UTC
From: Paul Chebi
Topic: 2264 Message: 2264

I'm thinking of buying a unit bases on the reviews on this site.
My question is : why is that audio mod necessary, and if it is a malfunction why does'nt the manufacturer include in hi design.

Thanks 73

Paul Chebi kk4ptv

Sent from my iPhone

2265. RE: X1M Internal Speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 21:00:40 UTC
From: <lphebus@...>
Topic: 2263 Message: 2265

My X1M pro has a speaker diameter of 5 cm, as exactly as I can measure with my ruler. I'm sure I am less than a mm off, if that.... Yes, mylar speakers would be nice!

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ If someone on the list has the case off their X1M, would you accurately measure the outside diameter of the speaker?
I am looking into some mylar speakers that may offer us better and perhaps louder audio.

Tnx,

Dale W4OP

2266. RE: Mods

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 21:20:46 UTC
From: <lphebus@...>
Topic: 2264 Message: 2266

The audio on my X1M pro is pretty good without the mod, so I have made this modification on my X1M (I assume you are talking about the resistor bypass mod for increased audio). The final audio amp, the LM386, is very versatile and can be set up in various configurations. The factory took a conservative approach and limited the audio level (volume) with the 1K resistor. Testing, by knowledgeable group members who wanted more audio, found that simply bypassing this resistor increased audio levels by 12 dB. Prolonged use of rigs with this mod has not shown any issues arising from the mod, at least none have been reported here. So, those who prefer louder audio have made the modification. I have not, as of yet.

But now comes the twist... I understand that to take advantage of the ALC circuit Dale designed for the X1M, one needs to first do the resistor bypass mod... and I do want the ALC mod, so I guess I will make the resistor bypass mod to my rig.

Also, the audio output of the rig can be increased by increasing the diameter of the holes in the top that let the sound out. I re-drilled mine to 3/16 inch.

---In X1M_QRP-Transceiver@yahoogroups.com, <paul.chebi@...> wrote:

I'm thinking of buying a unit bases on the reviews on this site.
My question is : why is that audio mod necessary, and if it is a malfunction why does'nt the manufacturer include in hi design.

Thanks 73

Paul Chebi kk4ptv

Sent from my iPhone

2267. RE: RE: Mods

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 21:22:35 UTC
From: <lphebus@...>
Topic: 2264 Message: 2267

Sorry, my first sentence should read "so I have not made this modification"...

---In X1M_QRP-Transceiver@yahoogroups.com, <lphebus@...> wrote:

The audio on my X1M pro is pretty good without the mod, so I have made this modification on my X1M (I assume you are talking about the resistor bypass mod for increased audio). The final audio amp, the LM386, is very versatile and can be set up in various configurations. The factory took a conservative approach and limited the audio level (volume) with the 1K resistor. Testing, by knowledgeable group members who wanted more audio, found that simply bypassing this resistor increased audio levels by 12 dB. Prolonged use of rigs with this mod has not shown any issues arising from the mod, at least none have been reported here. So, those who prefer louder audio have made the modification. I have not, as of yet.

But now comes the twist... I understand that to take advantage of the ALC circuit Dale designed for the X1M, one needs to first do the resistor bypass mod... and I do want the ALC mod, so I guess I will make the resistor bypass mod to my rig.

Also, the audio output of the rig can be increased by increasing the diameter of the holes in the top that let the sound out. I re-drilled mine to 3/16 inch.

---In X1M_QRP-Transceiver@yahoogroups.com, <paul.chebi@...> wrote:

I'm thinking of buying a unit bases on the reviews on this site.
My question is : why is that audio mod necessary, and if it is a malfunction why does'nt the manufacturer include in hi design.

Thanks 73

Paul Chebi kk4ptv

Sent from my iPhone

2268. Re: [X1M_QRP-Transceiver] Mods

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 21:29:01 UTC
From: Dale Parfitt
Topic: 2264 Message: 2268

The mod is necessary because overall, the system gain is too low. Perhaps adequate for headphones, but very low with the internal speaker. If you wish to add AGC down the road, then the AF Gain mod is also essential.

Dale W4OP
----- Original Message -----
From: Paul Chebi
To: x1m_qrp-transceiver@yahoogroups.com
Sent: Wednesday, November 13, 2013 3:25 PM
Subject: [X1M_QRP-Transceiver] Mods

I'm thinking of buying a unit bases on the reviews on this site.
My question is : why is that audio mod necessary, and if it is a malfunction why does'nt the manufacturer include in hi design.

Thanks 73

Paul Chebi kk4ptv

Sent from my iPhone

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2269. Re: [X1M_QRP-Transceiver] RE: X1M Internal Speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 21:30:26 UTC
From: Dale Parfitt
Topic: 2263 Message: 2269

Perfect,
I have a source for 50mm mylar speakers and will place an order this evening and report back the results as soon as they arrive.

73,

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 13, 2013 4:00 PM
Subject: [X1M_QRP-Transceiver] RE: X1M Internal Speaker

My X1M pro has a speaker diameter of 5 cm, as exactly as I can measure with my ruler. I'm sure I am less than a mm off, if that.... Yes, mylar speakers would be nice!

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
If someone on the list has the case off their X1M, would you accurately measure the outside diameter of the speaker? I am looking into some mylar speakers that may offer us better and perhaps louder audio.

Tnx,

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2270. RE: Re: [X1M_QRP-Transceiver] RE: X1M Internal Speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 23:40:07 UTC
From: <kd4hjt@...>
Topic: 2263 Message: 2270

Dale,

You are obviously a very busy business man and how you find time for these little projects amazes me but I am certainly happy you do because a lot of us would not have a clue how to make these improvements.
There are a bunch of talented members of this group and I'm sure glad you are all there to help the others of us get the most out of this fun little rig. Thank You All

Ray... KD4HJT

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Perfect,
I have a source for 50mm mylar speakers and will place an order this evening and report back the results as soon as they arrive.

73,

Dale W4OP
----- Original Message -----
From: lphebus@... mailto:lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 13, 2013 4:00 PM
Subject: [X1M_QRP-Transceiver] RE: X1M Internal Speaker

My X1M pro has a speaker diameter of 5 cm, as exactly as I can measure with my ruler. I'm sure I am less than a mm off, if that.... Yes, mylar speakers would be nice!

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ If someone on the list has the case off their X1M, would you accurately measure the outside diameter of the speaker?
I am looking into some mylar speakers that may offer us better and perhaps louder audio.

Tnx,

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2271. Re: [X1M_QRP-Transceiver] Mods

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 23:57:24 UTC
From: Charlie , W5COV
Topic: 2264 Message: 2271

The radios we have do not have a design problem in this particular audio issue . The mod is actually just that a modification that makes the audio amplifier factor more to the liking of most of us .

However that being said I believe it found enough favor among users that the company will likely include a different value for this part in the current run of these radios .

Last , the company has not made a production run of these radios since Dale found how to safely raise the gain , so this was discovered AFTER all of the radios CURRENTLY on the market or in use today were manufactured before the change recommend by Dale .

Please feel free to ask anymore questions , because I am a TRUE believer in this fine little radio . I may be a bit prejudice :) However I will ALWAYS give you an honest answer , along with what history I know about the radio or an issue , either way , good or bad , it WILL be the truth .

Charlie , W5COV

On 11/13/2013 2:25 PM, Paul Chebi wrote:
>
> I'm thinking of buying a unit bases on the reviews on this site.
> My question is : why is that audio mod necessary, and if it is a
> malfunction why does'nt the manufacturer include in hi design.
>
> Thanks 73
>
> Paul Chebi kk4ptv
>
> Sent from my iPhone
>
>

2272. Re: [X1M_QRP-Transceiver] X1M Internal Speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-13 23:59:37 UTC
From: Charlie , W5COV
Topic: 2263 Message: 2272

I show 1 15/16 with my China made $1 calipers , so that should be as accurate as you can get . <grin>

Charlie , W5COV
On 11/13/2013 2:19 PM, Dale Parfitt wrote:
>
> □
>
> If someone on the list has the case off their X1M, would you
> accurately measure the outside diameter of the speaker?
> I am looking into some mylar speakers that may offer us better and
> perhaps louder audio.
> Tnx,
> Dale W4OP
>

2273. Re: [X1M_QRP-Transceiver] X1M Internal Speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 00:46:40 UTC
From: Dale Parfitt
Topic: 2263 Message: 2273

That agrees with the 50mm measurement. The speakers are ordered and will be here early next week.
I saw some chatter that said they made a big difference on the FT-817- so hoping for the same with our little rigs.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 13, 2013 6:59 PM
Subject: Re: [X1M_QRP-Transceiver] X1M Internal Speaker

I show 1 15/16 with my China made $1 calipers , so that should be as accurate as you can get . <grin>

Charlie , W5COV

On 11/13/2013 2:19 PM, Dale Parfitt wrote:

☐

If someone on the list has the case off their X1M, would you accurately measure the outside diameter of the speaker?
I am looking into some mylar speakers that may offer us better and perhaps louder audio.

Tnx,

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2274. RE: [X1M_QRP-Transceiver] RE: TX Audio Processor.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 01:17:24 UTC
From: Lee
Topic: 2261 Message: 2274

I’m working on one for inside the microphone with the components hanging off the side of the carrier board of the tiny IC. I’ve been working on a lot of projects lately but I might finish it up tomorrow.

I am putting the documentation on hold until we resolve droidgsm2013@gmail.com copying our pictures and files and putting them on his Wikia web page without our permission.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Wednesday, November 13, 2013 1:09 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: TX Audio Processor.

Hi Dave,

That is my intention (board or kit) once I get mine dialed in. Lee seems to a bit ahead of me as far getting a happily working circuit. I'm still really working on tuning it, seeing the behavior of the input/output, etc.

Right now my first goal is to make it an inline for input jack -- so any microphone/radio combination can be done. If I get that far I'll certainly also think about how to design the board to also fit in the radio with the right connections as an option.

Due to power limitations I don't have my eye on it going into the microphone itself -- at this time. I know Lee has been working on that so he might have more success at this point.

-Chrs

KC8MUS

---In x1m_qrp-transceiver@yahoogroups.com, <bastress@...> wrote:

GA All,

I wonder if would be possible to convince someone to build, or at least make the pc board, for the TX audio processor circuit that is on the users group site? Making it small enough to either fit in the microphone itself or inside the X1M would be nice.

Dave K3GAU

2275. RE: Re: [X1M_QRP-Transceiver] X1M Internal Speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 02:26:14 UTC
From: <lphebus@...>
Topic: 2263 Message: 2275

I have one on my MST-40 transceiver (www.ozqrp.com) and it sounds great. I want one for my X1M too. Where did you find yours? I would start with digikey if left to my own devices... The speaker on the X1M is not bad, but I have been very impressed with clear plastic cone (mylar) speakers.

Thanks for the suggestion.

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ That agrees with the 50mm measurement. The speakers are ordered and will be here early next week.
I saw some chatter that said they made a big difference on the FT-817- so hoping for the same with our little rigs.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV mailto:cvest@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 13, 2013 6:59 PM
Subject: Re: [X1M_QRP-Transceiver] X1M Internal Speaker

I show 1 15/16 with my China made $1 calipers , so that should be as accurate as you can get . <grin>

Charlie , W5COV

On 11/13/2013 2:19 PM, Dale Parfitt wrote:

☐
If someone on the list has the case off their X1M, would you accurately measure the outside diameter of the speaker?
I am looking into some mylar speakers that may offer us better and perhaps louder audio.

Tnx,

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2276. Re: Re: [X1M_QRP-Transceiver] X1M Internal Speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 02:35:36 UTC
From: Dale Parfitt
Topic: 2263 Message: 2276

Here's the Mouser part #:
665-AS05008MR4R
AS05008MR-4-R
1.5W 8 OHM 92DBA 11/13/13 2 4.030 8.06

Dale W4OP

2277. Re: [X1M_QRP-Transceiver] X1M Internal Speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 02:47:16 UTC
From: Charlie , W5COV
Topic: 2263 Message: 2277

I agree the speaker on the X1M is better sounding than I expected Lee . However I am like a kid in a candy store especially with this little radio and always looking to try something new and these sound like a nice improvement .

If I had a better working knowledge of sound and enclosures , I think an external speaker in a matching cabinet with whatever was required to bring out the sounds that we want to hear , maybe a small power supply and even a filter in it , would make an excellent addition to those of us that have plans to use the X1M as our primary QRP transceiver .

I have been using an FT-707S as my primary QRP station until now . It will still have a place on the bench because it is so reliable and fun to operate , but it will now take a backup position to the X1M , so that is why I am big on people designing and offering accessories so I can make it a miniature version of my QRO station which is a Kenwood TS-830S Gold Edition with all of the matching accessories , except the speaker and one day I'll find one of those that I can afford to add to the full desk station . Sure looks impressive to show off a station like that when someone comes to visit and I hope to reach the same point in miniature one day with the X1M .

I no longer have the tools or ability to use my brain , eyes , and hands to build factory looking projects , so I leave that to the people with those abilities and try to support them all that I can , and sometimes that is just buying one of their products .

Love to see ALL of the ideas flowing for this little radio . Keep up the good work , I for one appreciate it !!

Charlie , W5COV

On 11/13/2013 8:26 PM, lphebus@... wrote:
>
> I have one on my MST-40 transceiver (www.ozqrp.com) and it sounds
> great. I want one for my X1M too. Where did you find yours? I
> would start with digikey if left to my own devices... The speaker on
> the X1M is not bad, but I have been very impressed with clear plastic
> cone (mylar) speakers.
>
>
> Thanks for the suggestion.
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

>
> □
> That agrees with the 50mm measurement. The speakers are ordered and
> will be here early next week.
> I saw some chatter that said they made a big difference on the FT-817-
> so hoping for the same with our little rigs.
> Dale W4OP
>
> ----- Original Message -----
> *From:* Charlie , W5COV <mailto:cvest@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Wednesday, November 13, 2013 6:59 PM
> *Subject:* Re: [X1M_QRP-Transceiver] X1M Internal Speaker
>
> I show 1 15/16 with my China made $1 calipers , so that
> should be as accurate as you can get . <grin>
>
> Charlie , W5COV
>
> On 11/13/2013 2:19 PM, Dale Parfitt wrote:
>>
>> □
>>
>> If someone on the list has the case off their X1M, would you
>> accurately measure the outside diameter of the speaker?
>> I am looking into some mylar speakers that may offer us
>> better and perhaps louder audio.
>> Tnx,
>> Dale W4OP
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3615/6803 - Release
> Date: 11/02/13
>
>

2278. Re: [X1M_QRP-Transceiver] X1M Internal Speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 03:17:22 UTC
From: mikejmardis@...
Topic: 2263 Message: 2278
Attachments: 1 described; binary payloads are missing from this source WARC

Is this the right part. About half of what u listed from there web catalog?

2279. RE: Re: [X1M_QRP-Transceiver] X1M Internal Speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 04:05:20 UTC
From: <lphebus@...>
Topic: 2263 Message: 2279

I think Dale's price was for 2 speakers?

---In X1M_QRP-Transceiver@yahoogroups.com, <mikejmardis@...> wrote:

Is this the right part. About half of what u listed from there web catalog?

2280. RE: Re: [X1M_QRP-Transceiver] X1M Internal Speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 04:06:58 UTC
From: <lphebus@...>
Topic: 2263 Message: 2280

Charlie, you are the heart of this group. I knew you from the techlib.com and part15 sites, and it was your recommendation that convinced me to buy the X1M... I am glad I did. This is a great group, not in small part due to your moderating/cheer-leading. As you said before, your opinions will always be fact-based and honest, but a little enthusiasm helps too. I hope the factory realizes what an asset this group is!

---In X1M_QRP-Transceiver@yahoogroups.com, <cvest@...> wrote:

I agree the speaker on the X1M is better sounding than I expected Lee . However I am like a kid in a candy store especially with this little radio and always looking to try something new and these sound like a nice improvement .

If I had a better working knowledge of sound and enclosures , I think an external speaker in a matching cabinet with whatever was required to bring out the sounds that we want to hear , maybe a small power supply and even a filter in it , would make an excellent addition to those of us that have plans to use the X1M as our primary QRP transceiver .

I have been using an FT-707S as my primary QRP station until now . It will still have a place on the bench because it is so reliable and fun to operate , but it will now take a backup position to the X1M , so that is why I am big on people designing and offering accessories so I can make it a miniature version of my QRO station which is a Kenwood TS-830S Gold Edition with all of the matching accessories , except the speaker and one day I'll find one of those that I can afford to add to the full desk station . Sure looks impressive to show off a station like that when someone comes to visit and I hope to reach the same point in miniature one day with the X1M .

I no longer have the tools or ability to use my brain , eyes , and hands to build factory looking projects , so I leave that to the people with those abilities and try to support them all that I can , and sometimes that is just buying one of their products .

Love to see ALL of the ideas flowing for this little radio . Keep up the good work , I for one appreciate it !!

Charlie , W5COV

On 11/13/2013 8:26 PM, lphebus@... mailto:lphebus@... wrote:

I have one on my MST-40 transceiver (www.ozqrp.com http://www.ozqrp.com) and it sounds great. I want one for my X1M too. Where did you find yours? I would start with digikey if left to my own devices... The speaker on the X1M is not bad, but I have been very impressed with clear plastic cone (mylar) speakers.

Thanks for the suggestion.

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> mailto:parinc1@... wrote:

☐ That agrees with the 50mm measurement. The speakers are ordered and will be here early next week.
I saw some chatter that said they made a big difference on the FT-817- so hoping for the same with our little rigs.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV mailto:cvest@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 13, 2013 6:59 PM
Subject: Re: [X1M_QRP-Transceiver] X1M Internal Speaker

I show 1 15/16 with my China made $1 calipers , so that should be as accurate as you can get . <grin>

Charlie , W5COV

On 11/13/2013 2:19 PM, Dale Parfitt wrote:

☐
If someone on the list has the case off their X1M, would you accurately measure the outside diameter of the speaker?
I am looking into some mylar speakers that may offer us better and perhaps louder audio.

Tnx,

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2281. Re: [X1M_QRP-Transceiver] X1M Internal Speaker [1 Attachment]

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 04:09:49 UTC
From: Dale Parfitt
Topic: 2281 Message: 2281

Thats's it-
Dale W4OP

----- Original Message -----
From: mikejmardis@aol.com
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 13, 2013 10:17 PM
Subject: Re: [X1M_QRP-Transceiver] X1M Internal Speaker [1 Attachment]

Is this the right part. About half of what u listed from there web catalog?

Sent from my iPhone

> On Nov 13, 2013, at 21:35, "Dale Parfitt" <parinc1@...> wrote:
>
> 665-AS05008MR4R
> AS05008MR-4-R

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2282. Re: Re: [X1M_QRP-Transceiver] X1M Internal Speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 04:14:12 UTC
From: Dale Parfitt
Topic: 2263 Message: 2282

Gotta have a spare= correct on 2 speakers.
Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 13, 2013 11:05 PM
Subject: RE: Re: [X1M_QRP-Transceiver] X1M Internal Speaker

I think Dale's price was for 2 speakers?

---In X1M_QRP-Transceiver@yahoogroups.com, <mikejmardis@...> wrote:

Is this the right part. About half of what u listed from there web catalog?

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2283. RE: Re: Re: [X1M_QRP-Transceiver] X1M Internal Speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 04:34:17 UTC
From: <lphebus@...>
Topic: 2263 Message: 2283

OK, mylar speakers ordered...

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Gotta have a spare= correct on 2 speakers.
Dale W4OP
----- Original Message -----
From: lphebus@... mailto:lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 13, 2013 11:05 PM
Subject: RE: Re: [X1M_QRP-Transceiver] X1M Internal Speaker

I think Dale's price was for 2 speakers?

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com,
<mikejmardis@...> wrote:

Is this the right part. About half of what u listed from there web catalog?

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6803 - Release Date: 11/02/13

2284. Re: [X1M_QRP-Transceiver] RS-232 Level converter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 04:49:03 UTC
From: Charlie , W5COV
Topic: 2188 Message: 2284

Stephen and Paul ,

Thank you very much for the information and I apologize for being so slow at addressing the issue . I have some projects that are pretty much a priority on my good days when I am able to get out and about without the cane and have an all around good day for me .
Like priority one right now , when it warms up some and no rain , I HAVE to get my antennas all finished for the entire winter . I need very badly to get my "full legal limit" Lowfer Beacon antenna up and operational . May sound silly to some "wasting" my time with 1 watt INPUT maximum legal limit power for the final fed into a maximum legal limit 15 meter long antenna on 1750 meters . But it is my real passion , the frequencies below 2 MHz. and I currently do not have a part 5 license to operate on any of the other bands down there . I would love to get on especially 630 / 600 meters . I have a "test antenna" that is only about 10 meters in length. The old beacon is on right now 24/7 running QRSS60 on 185.2984 kHz . At least I have a signal on the air and even on the test antenna it has been copied in the past at around 500 miles . My "goal" this season is to run some different modes with my brand new GPS disciplined transmitter and to hopefully add to my state count of the number of states it has been heard in and to exceed hopefully by quite a bit , my distances being heard . Currently close to 1700 miles is my personal best and 1500 miles is always a good capture when I am heard that far .
I do have a decent , not stellar , past history of a working knowledge programming in more than one language . I just can't be sure of how much of it I can still recall and how big and where the holes are in my memory related to it .
Just from my own "educated guess" at what I want to use the devices for , I believe that I want to go with Arduino . It appears capable and has devices available , such as sensors , for some of the uses that I have in mind using it for , at least while I am learning how to use it and working my way up to more specific and more advanced projects .
Any suggestions that anyone has as what I need to buy to get started would certainly be appreciated . I know I will need several "accessories" as I go along , which I plan on doing . I have a good stock of plain electronics parts , so what I am needing is Arduino specific bits and bobs that are needed to get started . An example is my first project(s) will be weather related , temperature , humidity and other things to get me started on a bigger "weather station." Then at that point I will know whether to venture out and try to build some of my own projects to add to my weather station , or if i need to still spend more time learning and building more "kits" or readily available simple designs out there .
ALL suggestions , will be GREATLY appreciated .

Charlie , W5COV

On 11/10/2013 8:43 AM, Stephen Farthing wrote:
>
> Hi Charlie,
>
>
> I used to program and design systems for a living. So this is my take
> on the subject.
>
> I am very fond of the Arduino system and its clones. But it is not an
> ideal platform for learning to program. This goes for pretty much all
> embedded systems. As well as learning to program you have to juggle
> the hardware as well and it is often the case that you need to learn
> how to use debugging tools and it can be quite a challenge to get them
> running. For example the Arduino clone Energia running on the MSP430
> had big problems with OS/X and i never managed to get the Serial
> debugging to work. Without this i could not easily see what was going
> on inside the chip.
>
> Were it me i would download one of the free C programming environments
> and use that to start off with along with a good Textbook on C. When i
> was a windoze user i liked http://www.bloodshed.net/devcpp.html for C
> learning and the matching book by Larry Ullman "C programming Visual
> Quickstart Guide" . Work through the book and get a feel for the
> subject. Write a couple of command line applications and get them
> running. Then you should understand enough to start with Arduino ect.
> If you learn C well its a good start for other programming languages
> and most microcontrollers and operating systems support it. This is
> not true of most other programming languages. Personally i would avoid
> learning assembler or machine code and BASIC. The first two tie you to
> one arcitecture and ideally you should be able to work with many.
>
> 73sSteve G0XAR
>
> On Sunday, 10 November 2013, Paul W. Ross wrote:
>
> I would suggest the Arduino for learning to program -- subset of C.
> Another possibility is Python, and run the Raspberry Pi, but that is
> significantly more complex.
>
> 73 /paul W3FIS
>
>

2285. RE: Re: [X1M_QRP-Transceiver] RS-232 Level converter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 07:53:06 UTC
From: <squirrox@...>
Topic: 2188 Message: 2285

Hi Charlie,

I have to go out today but will consider your post later. I have a lot of stuff so don't buy anything until you hear from me later. I can certainly give you a small AD9854 DDS module which can be driven from an Arduino and a couple of temperature sensors. If you want to keep your costs down there are better options than the Arduino. For example http://www.element14.com/community/docs/DOC-54360 which, I guess, in the USA must be available for under $30. It has a whole bunch of sensors.

Anyway, must dash,

Steve

I am getting very interested in the world below 4 MHz now.

---In X1M_QRP-Transceiver@yahoogroups.com, <cvest@...> wrote:

Stephen and Paul ,

Thank you very much for the information and I apologize for being so slow at addressing the issue . I have some projects that are pretty much a priority on my good days when I am able to get out and about without the cane and have an all around good day for me .
Like priority one right now , when it warms up some and no rain , I HAVE to get my antennas all finished for the entire winter . I need very badly to get my "full legal limit" Lowfer Beacon antenna up and operational . May sound silly to some "wasting" my time with 1 watt INPUT maximum legal limit power for the final fed into a maximum legal limit 15 meter long antenna on 1750 meters . But it is my real passion , the frequencies below 2 MHz. and I currently do not have a part 5 license to operate on any of the other bands down there . I would love to get on especially 630 / 600 meters . I have a "test antenna" that is only about 10 meters in length. The old beacon is on right now 24/7 running QRSS60 on 185.2984 kHz . At least I have a signal on the air and even on the test antenna it has been copied in the past at around 500 miles . My "goal" this season is to run some different modes with my brand new GPS disciplined transmitter and to hopefully add to my state count of the number of states it has been heard in and to exceed hopefully by quite a bit , my distances being heard . Currently close to 1700 miles is my personal best and 1500 miles is always a good capture when I am heard that far .
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Another possibility is Python, and run the Raspberry Pi, but that is
significantly more complex.

73 /paul W3FIS

2286. Re: [X1M_QRP-Transceiver] X1M Internal Speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 08:21:47 UTC
From: Charlie , W5COV
Topic: 2263 Message: 2286

Thank you for the kind words Lee . It is the people that make this group so great . People especially like you , that share their talents for the benefit of everyone involved . Your inside the microphone speech processor is absolutely amazing and well worth people building one and making this addition too . I too agree that given the enormous popularity of this radio from the people that already own an X1M , that it would be a great enhancement to this group if a company Representative was a member of this great group.

It would be interesting to see the level of interest if you were to offer a board and a kit of parts for people to build one of your speech processors . (I am a very poor board designer)

There is a GREAT LONG TERM future for this radio , which is also exciting . The more of these that get out of the factory and into the hands of hams , I can see the company expanding its production numbers very substantially over the next couple of years . Their current sales are from what I can tell ,are primarily by word of mouth , which in my personal opinion is the best advertisement , but more advertisement through media advertising would expose it to many more people even more quickly . One thing for CERTAIN is this radio is going to be around for a LONG time!!!

If I was a younger person , I would be interested in being one of the USA service centers / Dealers for them .

I don't think that the company at first realized what a truly iconic radio they were producing . I think the reality of it is just now becoming clear to them that they have a long bright future with this ground breaking radio. Ed had great foresight and will likely need a larger dealer network to handle the sales of this radio . When I demonstrate it to someone , and some just give them an honest open , high and low point history of the radio to its present day version by phone and or e-mail , it sells itself . Yes I have even taken phone calls about the radio and the people were thrilled and enthused to get their hands on one after our conversation .

All of you guys even if you are like me and rarely make a club meeting these days , take it to a club meeting or even a hamfest and show them this little jewel , but hang on to it tight , people will be wanting to take yours home with them . <grin> When I took mine to a club meeting I was wearing a pair of cargo pants and had easily slipped the radio into one pocket so nobody knew I had even brought it to the club meeting . When the business meeting was over , I reached in my pocket and took it out . Not yet knowing what it was , once I put it on our operating table right next to our Icom HF rig and hooked it to the power supply and auto

tuner , people were beyond amazed and then when the first couple of contacts on 20 meters were DX stations they went wild !!

Don't keep it a secret , PROUDLY show it off and show them what it will do !! Our club people that previously could only afford VHF/UHF HT's , but always wanted to experience the thrill of HF all agreed that even on some of their very limited budgets , that they would now be adding the X1M to their Christmas list and could manage a few small cuts here and there to be able to buy such a fine little radio......

Charlie , W5COV

On 11/13/2013 10:06 PM, lphebus@... wrote:
>
> Charlie, you are the heart of this group. I knew you from the
> techlib.com and part15 sites, and it was your recommendation that
> convinced me to buy the X1M... I am glad I did. This is a great
> group, not in small part due to your moderating/cheer-leading. As
> you said before, your opinions will always be fact-based and honest,
> but a little enthusiasm helps too. I hope the factory realizes what
> an asset this group is!
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com, <cvest@...> wrote:
>
> I agree the speaker on the X1M is better sounding than I expected Lee
> . However I am like a kid in a candy store especially with this little
> radio and always looking to try something new and these sound like a
> nice improvement .
>
> If I had a better working knowledge of sound and enclosures , I think
> an external speaker in a matching cabinet with whatever was required
> to bring out the sounds that we want to hear , maybe a small power
> supply and even a filter in it , would make an excellent addition to
> those of us that have plans to use the X1M as our primary QRP
> transceiver .
>
> I have been using an FT-707S as my primary QRP station until now . It
> will still have a place on the bench because it is so reliable and fun
> to operate , but it will now take a backup position to the X1M , so
> that is why I am big on people designing and offering accessories so I
> can make it a miniature version of my QRO station which is a Kenwood
> TS-830S Gold Edition with all of the matching accessories , except the
> speaker and one day I'll find one of those that I can afford to add to
> the full desk station . Sure looks impressive to show off a station
> like that when someone comes to visit and I hope to reach the same
> point in miniature one day with the X1M .
>
> I no longer have the tools or ability to use my brain , eyes , and

> hands to build factory looking projects , so I leave that to the
> people with those abilities and try to support them all that I can ,
> and sometimes that is just buying one of their products .
>
> Love to see ALL of the ideas flowing for this little radio . Keep up
> the good work , I for one appreciate it !!
>
> Charlie , W5COV
>
> On 11/13/2013 8:26 PM, lphebus@... <mailto:lphebus@...> wrote:
>
>> I have one on my MST-40 transceiver (www.ozqrp.com
>> <http://www.ozqrp.com>) and it sounds great. I want one for my
>> X1M too. Where did you find yours? I would start with digikey
>> if left to my own devices... The speaker on the X1M is not bad,
>> but I have been very impressed with clear plastic cone (mylar)
>> speakers.
>>
>>
>> Thanks for the suggestion.
>>
>>
>>
>> ---In X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>, <parinc1@...>
>> <mailto:parinc1@...> wrote:
>>
>> □
>> That agrees with the 50mm measurement. The speakers are ordered
>> and will be here early next week.
>> I saw some chatter that said they made a big difference on the
>> FT-817- so hoping for the same with our little rigs.
>> Dale W4OP
>>
>> ----- Original Message -----
>> *From:* Charlie , W5COV <mailto:cvest@...>
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>> *Sent:* Wednesday, November 13, 2013 6:59 PM
>> *Subject:* Re: [X1M_QRP-Transceiver] X1M Internal Speaker
>>
>> I show 1 15/16 with my China made $1 calipers , so that
>> should be as accurate as you can get . <grin>
>>
>> Charlie , W5COV
>>
>> On 11/13/2013 2:19 PM, Dale Parfitt wrote:
>>>
>>> □

>>>
>>> If someone on the list has the case off their X1M, would
>>> you accurately measure the outside diameter of the speaker?
>>> I am looking into some mylar speakers that may offer us
>>> better and perhaps louder audio.
>>> Tnx,
>>> Dale W4OP
>>
>> No virus found in this message.
>> Checked by AVG - www.avg.com <http://www.avg.com>
>> Version: 2014.0.4158 / Virus Database: 3615/6803 -
>> Release Date: 11/02/13
>>
>
>

2287. Upgrade display

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 12:15:39 UTC
From: Richard
Topic: 2287 Message: 2287

I have the 'b' version of the original. Has any one upgraded the display successfully. This is supposed to make the radio equal to the pro model.
~Richard

Sent with AquaMail for Android
http://www.aqua-mail.com

2288. RE: Upgrade display

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 14:02:46 UTC
From: <ed@...>
Topic: 2287 Message: 2288

Changing the display and updating the firmware does upgrade the X1M version to the X1M-Pro.

Regards,
Ed Griffin
www.ImportCommunications.com

---In x1m_qrp-transceiver@yahoogroups.com, <cammcomm@...> wrote:

I have the 'b' version of the original. Has any one upgraded the display
successfully. This is supposed to make the radio equal to the pro model.
~Richard

Sent with AquaMail for Android
http://www.aqua-mail.com http://www.aqua-mail.com

2289. Re: [X1M_QRP-Transceiver] Upgrade display

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 14:05:15 UTC
From: Charlie , W5COV
Topic: 2287 Message: 2289

Yes I have personally done it and it does indeed turn the early X1M into a PRO !! You get all of the new features and can make the firmware upgrades for the PRO anytime they are available . I have been using it for a month or two now , I lose track of time . Takes just a few minutes to do and you get the full band coverage in place of the shortened bands . Without opening the radio up and being familiar with all of the different models and boards , you can not tell the difference between the original and a PRO .

I was thrilled to see that the company didn't forget about the people that purchased the original . You will be quite happy with the change .

I can personally HIGHLY recommend ANYONE with an older model to do the PRO update !!

Charlie , W5COV

On 11/14/2013 6:15 AM, Richard wrote:
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> successfully. This is supposed to make the radio equal to the pro model.
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>

2290. Re: [X1M_QRP-Transceiver] Upgrade display

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 14:17:28 UTC
From: Charlie , W5COV
Topic: 2287 Message: 2290

I forgot to add , that Ed now has a new cable for doing the firmware updates for the X1M . It is one single cable to go between the computer and the X1M and MUCH better than the earlier ones and also allows you to do rig control with HRD .

Charlie , W5COV

On 11/14/2013 8:05 AM, Charlie , W5COV wrote:
>
> Yes I have personally done it and it does indeed turn the early X1M
> into a PRO !! You get all of the new features and can make the
> firmware upgrades for the PRO anytime they are available . I have been
> using it for a month or two now , I lose track of time . Takes just a
> few minutes to do and you get the full band coverage in place of the
> shortened bands . Without opening the radio up and being familiar with
> all of the different models and boards , you can not tell the
> difference between the original and a PRO .
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> I was thrilled to see that the company didn't forget about the people
> that purchased the original . You will be quite happy with the change .
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> I can personally HIGHLY recommend ANYONE with an older model to do the
> PRO update !!
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> Charlie , W5COV
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>
>

2291. Re: UK Calling - On Air.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 15:41:44 UTC
From: m5zzr@btinternet.com
Topic: 2236 Message: 2291

A single CW frequency would do Dave, any band, variable from say 100mW
to about 1 or more watts. I don't need anything too technical.

On occasions I need a little RF in the workshop just to test, calibrate
or compare homebrew QRP meters and alike. I've looked at the Walford
transmitter kits which are cheap but none of them have variable power. I
suppose an old Ebay FM CB and a variable attenuator would do but
it's a bit clumsy and my workshop is small and overcrowded, then
again I suppose I could attenuate a Walford kit which might be neater?

The right thing will come along at some point, but thanks for the link.
There are some interesting projects there and it's always good to
know where the kits are. 73. Mel. M5ZZR.

--- In X1M_QRP-Transceiver@yahoogroups.com, "Bastress, David G" wrote:
>
> GA Mel,
>
> I don't know what particular type of signal source you are looking for
> but http://www.qsl.net/k5bcq/Kits/Kits.html has a frequency
synthesizer
> kit available that might do what you are looking for and it is a whole
lot
> cheaper than a X1M. :-)
>
> Dave K3GAU

2292. Re: [X1M_QRP-Transceiver] Re: UK Calling - On Air.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 19:18:10 UTC
From: M_AND_R_SHAREF
Topic: 2236 Message: 2292

qrpme.com has a number of transmitters that should work. My Super Tuna II Plus has a variable drive and will go from less then a 100mw to 2 watts. It's crystal controled with a VXO and you can build it for differant bands. In fact you can change bands with a plug in board. Last I checked the transmiter was 45 dollars.

On Thu, Nov 14, 2013 at 10:41 AM, m5zzr@...m <m5zzr@...
> wrote:

>
>
> A single CW frequency would do Dave, any band, variable from say 100mW
> to about 1 or more watts. I don't need anything too technical.
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>
>

2293. Re: [X1M_QRP-Transceiver] Re: UK Calling - On Air.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 19:25:40 UTC
From: Dale Parfitt
Topic: 2236 Message: 2293

For around $60 you can get an N3ZS DDS VFO kit. 1Hz resolution, variable tuning rates and good to 34 MHz. If you need higher freqs, just put a diode on the output. Need higher power- add a buffer amp.

Dale W4OP

http://www.pongrance.com/super-dds.html
----- Original Message -----
From: M_AND_R_SHAREF
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, November 14, 2013 2:18 PM
Subject: Re: [X1M_QRP-Transceiver] Re: UK Calling - On Air.

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> Dave K3GAU

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2294. Re: [X1M_QRP-Transceiver] Re: UK Calling - On Air.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 19:48:03 UTC
From: Stephen Farthing
Topic: 2236 Message: 2294

Hi, Check out the Si570 DDS VFOs at www.sdrkits.net. They are made in the UK and, depending on the grade of Si570 you buy cover from 3.5 MHz to well beyond 1 GHz. The Si570 is widely used in the SDR community and has excellent performance. For the amplifier you could do worse than building one from EMRFD ..

73s Steve G0XAR

On 14 November 2013 19:25, Dale Parfitt <parinc1@...> wrote:

>
>
> For around $60 you can get an N3ZS DDS VFO kit. 1Hz resolution, variable
> tuning rates and good to 34 MHz. If you need higher freqs, just put a diode
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>
> Dale W4OP
>
>
> http://www.pongrance.com/super-dds.html
>
> ----- Original Message -----
> *From:* M_AND_R_SHAREF <msharef@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Thursday, November 14, 2013 2:18 PM
> *Subject:* Re: [X1M_QRP-Transceiver] Re: UK Calling - On Air.
>
>
>
> qrpme.com has a number of transmitters that should work. My Super Tuna II
> Plus has a variable drive and will go from less then a 100mw to 2 watts.
> It's crystal controled with a VXO and you can build it for differant bands.
> In fact you can change bands with a plug in board. Last I checked the
> transmiter was 45 dollars.
>
> On Thu, Nov 14, 2013 at 10:41 AM, m5zzr@... <
> m5zzr@...> wrote:
>
>>
>>
>> A single CW frequency would do Dave, any band, variable from say 100mW
>> to about 1 or more watts. I don't need anything too technical.
>>
>> On occasions I need a little RF in the workshop just to test, calibrate
>> or compare homebrew QRP meters and alike. I've looked at the Walford
>> transmitter kits which are cheap but none of them have variable power. I

>> suppose an old Ebay FM CB and a variable attenuator would do but it's a bit
>> clumsy and my workshop is small and overcrowded, then again I suppose I
>> could attenuate a Walford kit which might be neater?
>>
>> The right thing will come along at some point, but thanks for the link.
>> There are some interesting projects there and it's always good to know
>> where the kits are. 73. Mel. M5ZZR.
>>
>> --- In X1M_QRP-Transceiver@yahoogroups.com, "Bastress, David G" wrote:
>> >
>> > GA Mel,
>> >
>> > I don't know what particular type of signal source you are looking for
>> > but http://www.qsl.net/k5bcq/Kits/Kits.html has a frequency synthesizer
>> > kit available that might do what you are looking for and it is a whole
>> lot
>> > cheaper than a X1M. :-)
>> >
>> > Dave K3GAU
>>
>>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13
>
>
>

2295. Re: [X1M_QRP-Transceiver] Re: UK Calling - On Air.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-14 20:02:59 UTC
From: mikejmardis@...
Topic: 2236 Message: 2295

Elecraft has two signal generator kits you may want to look at.

Sent from my iPhone

> On Nov 14, 2013, at 10:41, "m5zzr@..." <m5zzr@btinternet.com> wrote:
>
> A single CW frequency would do Dave, any band, variable from say 100mW to about 1 or more watts. I don't need anything too technical.
>
> On occasions I need a little RF in the workshop just to test, calibrate or compare homebrew QRP meters and alike. I've looked at the Walford transmitter kits which are cheap but none of them have variable power. I suppose an old Ebay FM CB and a variable attenuator would do but it's a bit clumsy and my workshop is small and overcrowded, then again I suppose I could attenuate a Walford kit which might be neater?
>
> The right thing will come along at some point, but thanks for the link. There are some interesting projects there and it's always good to know where the kits are. 73. Mel. M5ZZR.
>
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Bastress, David G" wrote:
> >
> > GA Mel,
> >
> > I don't know what particular type of signal source you are looking for
> > but http://www.qsl.net/k5bcq/Kits/Kits.html has a frequency synthesizer
> > kit available that might do what you are looking for and it is a whole lot
> > cheaper than a X1M. :-)
> >
> > Dave K3GAU
>
>

2296. RE: User Guide

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-15 00:03:20 UTC
From: <mikejmardis@...>
Topic: 851 Message: 2296

Doesn't the new batch coming in have 100 memories? Will that be an upgrade in the new firmware?

2297. Re: [X1M_QRP-Transceiver] RE: User Guide

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-15 00:27:10 UTC
From: Dale Parfitt
Topic: 851 Message: 2297

I thought I recall that there was not enough memory in the micro for 100 memories- could be wrong though.

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, November 14, 2013 7:03 PM
Subject: [X1M_QRP-Transceiver] RE: User Guide

Doesn't the new batch coming in have 100 memories? Will that be an upgrade in the new firmware?

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2298. Re: [X1M_QRP-Transceiver] RE: User Guide

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-15 00:39:12 UTC
From: Charlie , W5COV
Topic: 851 Message: 2298

That is the same thing I remember , to accomplish all of the extra little changes that weren't actually a part of the original design the only place they could get the room to add them was to limit the number of memories to a total of 64 , 32 for each VFO .

I don't believe anyone has a change log of what actually is changed in the new batch , so we will all be finding out at the same time . There will be a firmware upgrade , but I don't believe it addresses adding any memories , because that was going to require a hardware change .

Like Dale , I might be wrong , but I believe that was the discussion and the reason .

Charlie , W5COV

On 11/14/2013 6:27 PM, Dale Parfitt wrote:
>
> □
>
> I thought I recall that there was not enough memory in the micro for
> 100 memories- could be wrong though.
> Dale W4OP
>
> ----- Original Message -----
> *From:* mikejmardis@... <mailto:mikejmardis@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Thursday, November 14, 2013 7:03 PM
> *Subject:* [X1M_QRP-Transceiver] RE: User Guide
>
> Doesn't the new batch coming in have 100 memories? Will that be an
> upgrade in the new firmware?
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date:
> 11/13/13
>
>

2299. AGC KIT QUESTION

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-15 04:52:49 UTC
From: Charlie , W5COV
Topic: 2299 Message: 2299

Since Dale has shipped out all of the AGC kit orders , I was curious if the people that ordered them had yet put the kit together . If you have do you also have it installed ?

If it is installed how did you find building the kit and installing it ? Any problems or suggestions for those that may not have built theirs yet ??

Did you have any problems installing in and what are your overall impressions of it ? Do the attack and decay times seem like a decent set point ?

Feedback is always VERY important to see if you are happy with it and to find out if there are better or easier ways to do things in the future . Your experience building and installing it could benefit someone else or perhaps help all of us find an easier or better way to install it .

Is anyone having difficulty with it at any point in the process ? Don't be afraid to post a suggestion or a question on here . The goal is for you to enjoy the X1M even more .

I would certainly be interested in hearing from EVERYONE that ordered a kit and see what stage they are at with it . Please post and share your experience with the rest of us .

GOOD DX !!
Charlie , W5COV

2300. Re: [X1M_QRP-Transceiver] AGC KIT QUESTION

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-15 05:00:38 UTC
From: mikejmardis@...
Topic: 2299 Message: 2300

This was my first time doing anything that small. I've done the pico keyer plus and pixie 2. It was intimidating for sure.
But, for $11, I said "oh well " and went for it.
I was very impressed with the ease and directions. No problems I'm aware of. I didn't even curse once.
I'm waiting for the new shipment to come in. So I can't comment further. Only that if you haven't done anything like it before, try it. Think small iron. Small solder (.011). And take your time. Be sure to setup some type of catch system so you don't drop parts on the floor.

Sent from my iPhone

> On Nov 14, 2013, at 23:52, "Charlie , W5COV" <cvest@...> wrote:
>
>
> Since Dale has shipped out all of the AGC kit orders , I was curious if
> the people that ordered them had yet put the kit together . If you have
> do you also have it installed ?
>
> If it is installed how did you find building the kit and installing it ?
> Any problems or suggestions for those that may not have built theirs yet ??
>
> Did you have any problems installing in and what are your overall
> impressions of it ? Do the attack and decay times seem like a decent set
> point ?
>
> Feedback is always VERY important to see if you are happy with it and to
> find out if there are better or easier ways to do things in the future .
> Your experience building and installing it could benefit someone else or
> perhaps help all of us find an easier or better way to install it .
>
> Is anyone having difficulty with it at any point in the process ? Don't
> be afraid to post a suggestion or a question on here . The goal is for
> you to enjoy the X1M even more .
>
> I would certainly be interested in hearing from EVERYONE that ordered a
> kit and see what stage they are at with it . Please post and share your
> experience with the rest of us .
>
> GOOD DX !!
> Charlie , W5COV
>

2301. Internal Microphone Conditioner Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-15 15:05:44 UTC
From: <mr.olson@...>
Topic: 2301 Message: 2301

Here is where I am so far on getting the SSM2167 working inside the stock microphone. Even after disconnecting the LED there is not enough power in the Microphone. I understand there was a discussion changing a resistors value in the radio to get more current. That is not the issue because there is another problem I do not know how to get around it. I uploaded 2 pictures to my N9LO photo folder. The first is a diagram showing where my problem is and the second is from my oscilloscope. The circuit works when switched to the uncompressed position but when in the compressed position I think the signal is going back down wire "A" and through the 1N4148 back to the Microphone. The 1N4148 was used to try to keep the electret microphone audio from getting back to the Tip on the microphone plug. You might think there would be a feedback situation but oscilloscope picture looks like the compressor output is 180 degrees out of phase canceling the audio, I think. I am stuck and need some help from anyone with more knowledge than me. and since I am just a hobbyist there are a lot of you out there. So this part is on hold but I purchased a CB type power microphone on eBay for $16 that uses a 9 volt battery inside. I plan on replacing it's amplifier with a SSM2167 circuit like my external version. Besides that larger microphone fits my big hand better. I may use the stock microphone cable because it is a lot more flexible and the power microphone cable is a little fat for the X1M plug.

Lee - N9LO

2302. RE: Internal Microphone Conditioner Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-15 15:57:14 UTC
From: <lphebus@...>
Topic: 2301 Message: 2302

Hi Lee, I'll take a look at your diagrams, but I'm not sure I'll be of much help. I took a simpler,approach to the project and built a stand alone mic with 2 AAA batteries in the enclosure. As a result, the microphone is larger than I would have liked. I'll post a picture. It has 2 external potentiometers, one to adjust the compression (ratio of 1 to 6) and one to adjust the audio drive. It is far from professional looking, in fact it is borderline ugly, but it does work. Who knows what difficulties I might have encountered if I had been more ambitious in my design.

The other Lee ;-)

---In X1M_QRP-Transceiver@yahoogroups.com, <mr.olson@...> wrote:

Here is where I am so far on getting the SSM2167 working inside the stock microphone. Even after disconnecting the LED there is not enough power in the Microphone. I understand there was a discussion changing a resistors value in the radio to get more current. That is not the issue because there is another problem I do not know how to get around it. I uploaded 2 pictures to my N9LO photo folder. The first is a diagram showing where my problem is and the second is from my oscilloscope. The circuit works when switched to the uncompressed position but when in the compressed position I think the signal is going back down wire "A" and through the 1N4148 back to the Microphone. The 1N4148 was used to try to keep the electret microphone audio from getting back to the Tip on the microphone plug. You might think there would be a feedback situation but oscilloscope picture looks like the compressor output is 180 degrees out of phase canceling the audio, I think. I am stuck and need some help from anyone with more knowledge than me. and since I am just a hobbyist there are a lot of you out there. So this part is on hold but I purchased a CB type power microphone on eBay for $16 that uses a 9 volt battery inside. I plan on replacing it's amplifier with a SSM2167 circuit like my external version. Besides that larger microphone fits my big hand better. I may use the stock microphone cable because it is a lot more flexible and the power microphone cable is a little fat for the X1M plug.

Lee - N9LO

2303. RE: Internal Microphone Conditioner Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-15 16:15:52 UTC
From: <lphebus@...>
Topic: 2301 Message: 2303

You know, looking at the pictures, my circuit should have the same issues as yours, but it doesn't. I see 2 differences, other than the power source. First, my output cap is after the attenuator whereas yours is before. Second, I used a 3.3 K resistor to bias the electret microphone in the place you have a diode. The electret needs a resistor between it and the positive rail to power/bias the FET built into the cartridge. I have never seen a diode used for this purpose. Try substituting a resistor for the diode. I'll look more closely later, my XYL has a schedule for me right now... ;-).

---In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

Hi Lee, I'll take a look at your diagrams, but I'm not sure I'll be of much help. I took a simpler,approach to the project and built a stand alone mic with 2 AAA batteries in the enclosure. As a result, the microphone is larger than I would have liked. I'll post a picture. It has 2 external potentiometers, one to adjust the compression (ratio of 1 to 6) and one to adjust the audio drive. It is far from professional looking, in fact it is borderline ugly, but it does work. Who knows what difficulties I might have encountered if I had been more ambitious in my design.

The other Lee ;-)

---In X1M_QRP-Transceiver@yahoogroups.com, <mr.olson@...> wrote:

Here is where I am so far on getting the SSM2167 working inside the stock microphone. Even after disconnecting the LED there is not enough power in the Microphone. I understand there was a discussion changing a resistors value in the radio to get more current. That is not the issue because there is another problem I do not know how to get around it. I uploaded 2 pictures to my N9LO photo folder. The first is a diagram showing where my problem is and the second is from my oscilloscope. The circuit works when switched to the uncompressed position but when in the compressed position I think the signal is going back down wire "A" and through the 1N4148 back to the Microphone. The 1N4148 was used to try to keep the electret microphone audio from getting back to the Tip on the microphone plug. You might think there would be a feedback situation but oscilloscope picture looks like the compressor output is 180 degrees out of phase canceling the audio, I think. I am stuck and need some help from anyone with more knowledge than me. and since I am just a hobbyist there are a lot of you out there. So this part is on hold but I purchased a CB type power microphone on eBay for $16 that uses a 9 volt battery inside. I plan on replacing it's amplifier with a SSM2167 circuit like my external version. Besides that larger microphone fits my big hand better. I may use the stock microphone cable because it is a lot more flexible and the power microphone cable is a little fat for the X1M plug.

Lee - N9LO

2304. Re: User Guide

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-15 16:17:57 UTC
From: Paul W. Ross
Topic: 851 Message: 2304

We will upgrade/revise the user's guide when I can get my replacement X1M with the new firmware. If the screens have changed, I would be deeply appreciative if someone could send me new photos. Also, I'll put in the new "default" values in the list, and address the new RS-232 to USB converter cable (I have one on order with the return of my replacement X1M).

Are there any other issues that need to be addressed in the new firmware?

I am like the cat who ate the cheese and sat by the mouse hole with baited breath...

73 /paul W3FIS

2305. Re: [X1M_QRP-Transceiver] Internal Microphone Conditioner Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-15 16:34:29 UTC
From: Bastress, David G
Topic: 2301 Message: 2305

GM Lee,

I have a question. Have you tried connecting the mic element directly to pin 5 of the chip without the cap and diode? According to the chip data sheet there is approx. 0.4 vdc on that pin. I am not sure if that is enough to make the mic element work or not. If it is you could eliminate the cap and diode.

OR, the idea given by the other gentleman might also work. OR, possibly splitting the 3.3 K into two resistors of 1.5k or 1.8 K each and putting a cap ().1 UF or better) from the junction of the two resistors to ground. that give the mic the same voltage but keep the audio from passing through.

Just some possibilities. FWIW.

Dave K3GAU

On Fri, Nov 15, 2013 at 10:05 AM, <mr.olson@...> wrote:

>
>
> Here is where I am so far on getting the SSM2167 working inside the stock
> microphone. Even after disconnecting the LED there is not enough power in
> the Microphone. I understand there was a discussion changing a resistors
> value in the radio to get more current. That is not the issue because
> there is another problem I do not know how to get around it. I uploaded 2
> pictures to my N9LO photo folder. The first is a diagram showing where my
> problem is and the second is from my oscilloscope. The circuit works when
> switched to the uncompressed position but when in the compressed position I
> think the signal is going back down wire "A" and through the 1N4148 back to
> the Microphone. The 1N4148 was used to try to keep the electret microphone
> audio from getting back to the Tip on the microphone plug. You might think
> there would be a feedback situation but oscilloscope picture looks like the
> compressor output is 180 degrees out of phase canceling the audio, I
> think. I am stuck and need some help from anyone with more knowledge than
> me. and since I am just a hobbyist there are a lot of you out there. So
> this part is on hold but I purchased a CB type power microphone on eBay for
> $16 that uses a 9 volt battery inside. I plan on replacing it's amplifier
> with a SSM2167 circuit like my external version. Besides that larger
> microphone fits my big hand better. I may use the stock microphone cable
> because it is a lot more flexible and the power microphone cable is a
> little fat for the X1M plug.
>
> Lee - N9LO
>
>

2306. RE: RE: Internal Microphone Conditioner Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-15 17:05:31 UTC
From: <lphebus@...>
Topic: 2301 Message: 2306

With more time for consideration (I wish I could delete posts that make me look as foolish as I sometimes am ;-) your circuit and mine differ in the way you pointed out. My chip and electret power are isolated from the audio output. Yours run on the same line, hence the diode. I still think the bias resistor for the electret may be important.

---In X1M_QRP-Transceiver@yahoogroups.com, <lphebus@...> wrote:

You know, looking at the pictures, my circuit should have the same issues as yours, but it doesn't. I see 2 differences, other than the power source. First, my output cap is after the attenuator whereas yours is before. Second, I used a 3.3 K resistor to bias the electret microphone in the place you have a diode. The electret needs a resistor between it and the positive rail to power/bias the FET built into the cartridge. I have never seen a diode used for this purpose. Try substituting a resistor for the diode. I'll look more closely later, my XYL has a schedule for me right now... ;-).

---In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:

Hi Lee, I'll take a look at your diagrams, but I'm not sure I'll be of much help. I took a simpler,approach to the project and built a stand alone mic with 2 AAA batteries in the enclosure. As a result, the microphone is larger than I would have liked. I'll post a picture. It has 2 external potentiometers, one to adjust the compression (ratio of 1 to 6) and one to adjust the audio drive. It is far from professional looking, in fact it is borderline ugly, but it does work. Who knows what difficulties I might have encountered if I had been more ambitious in my design.

The other Lee ;-)

---In X1M_QRP-Transceiver@yahoogroups.com, <mr.olson@...> wrote:

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Lee - N9LO

2307. Re: [X1M_QRP-Transceiver] Internal Microphone Conditioner Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-15 17:41:51 UTC
From: Dale Parfitt
Topic: 2301 Message: 2307

Hi Lee,

I have spent about zero time looking at this, but I have some observations.

The X1M has +5VDC through a 3.3K (?) resistor to the tip. Your IC would like to see 3V minimum and will draw about 3mA. So with the stock resistor in the X1M you will drop the entire 5VDC across that reistor if the chip draws 3mA- so that can't work. Plus you need to isolate the audio from the Vcc.
I think you might try sending the regulated 9VDC to the tip through a 1K resistor. Inside your mic place another 1K resistor to pin 10 of the IC.
On pin 10 put a 10uF and a 0.1uF cap to ground to strip off noise, audio and to stiffen Vdd. So you have 9VDC through a pair of 1K resistors to the IC drawing 3mA. That leaves you 3VDC at the IC (assuming the 3mA is typical.

Ignoring the compressed/uncompressed switch:
The output impedance of the IC is quite low (under 200 Ohms?) so you can capacity couple it back to the junction of the two 1K resistors. The IC won't see the output audio beacuse you have the low pass filter comprised of the 2nd 1K resistor and the caps on Pin 10. All the other Vdd pins on the IC also connect to pin 10 thropugh whatever resistors the datasheet recommends.
You can't feed the electret with 0.4VDC as someone else suggested. The electret mic element not only contains the electret mic but also a voltage follower- usually a JFET. This is there to step down the extremely hi impedance of the electret element to something well under 1K. That JFET transistor needs 3 V or so to operate- at very little current. Feed the electret element with a 2K or so resistor also from pin 10 of the IC.

I'll try to do a schematic later if needed.

Dale W4OP

2308. RE: [X1M_QRP-Transceiver] Internal Microphone Conditioner Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-15 18:52:27 UTC
From: Lee
Topic: 2301 Message: 2308

Thanks to all that replied. I was trying to get away from modifying the radio so that is why I am going to try and modify a 9 volt power microphone. It has a 10K potentiometer built in. Dale, I see that impedance thing is biting me again, lol. I would like to see your schematic when you get time. Not just for me but for others pursuing this too.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Friday, November 15, 2013 11:42 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Internal Microphone Conditioner Update

Hi Lee,

I have spent about zero time looking at this, but I have some observations.

The X1M has +5VDC through a 3.3K (?) resistor to the tip. Your IC would like to see 3V minimum and will draw about 3mA. So with the stock resistor in the X1M you will drop the entire 5VDC across that reistor if the chip draws 3mA- so that can't work. Plus you need to isolate the audio from the Vcc.

I think you might try sending the regulated 9VDC to the tip through a 1K resistor. Inside your mic place another 1K resistor to pin 10 of the IC.

On pin 10 put a 10uF and a 0.1uF cap to ground to strip off noise, audio and to stiffen Vdd. So you have 9VDC through a pair of 1K resistors to the IC drawing 3mA. That leaves you 3VDC at the IC (assuming the 3mA is typical.

Ignoring the compressed/uncompressed switch:

The output impedance of the IC is quite low (under 200 Ohms?) so you can capacity couple it back to the junction of the two 1K resistors. The IC won't see the output audio beacuse you have the low pass filter comprised of the 2nd 1K resistor and the caps on Pin 10. All the other Vdd pins on the IC also connect to pin 10 thropugh whatever resistors the datasheet recommends.

You can't feed the electret with 0.4VDC as someone else suggested. The electret mic element not only contains the electret mic but also a voltage follower- usually a JFET. This is there to step down the extremely hi impedance of the electret element to something well under 1K. That JFET transistor needs 3 V or so to operate- at very little current. Feed the electret element with a 2K or so resistor also from pin 10 of the IC.

I'll try to do a schematic later if needed.

Dale W4OP

2309. Re: [X1M_QRP-Transceiver] Internal Microphone Conditioner Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-15 19:07:11 UTC
From: Dale Parfitt
Topic: 2301 Message: 2309
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Lee,
Let's see if Yahoo will pass on my schematic. Modifying the radio would be very easy. Just remove the 3.3K SMD and tombstone a 1K SMD. The top end of the 1K then goes over to any one of the 9VDC points.

The jist of the schematic is that through proper selection of the value of the 1K internal and the 1K going to pin 10, you end up with 4VDC at pin 10. The two caps to ground decouple that point making it into a nice noise free, stiff +_4VDC. Now you can connect your series resistor to the mic to this point. The 2.2K resistor makes sure the mic element is not at a signal ground level (note that the 4VDC is also at signal or AC ground).

I did not look at your output configuration on pin 9, but be aware it forms a high pass filter (the 5.6K and the 100nF series cap) and may limit your low frequency response. Just something to look into.

Then again, you have spent a LOT more time with this than I have- and I could have missed soemthing very basic. Comments/corrections welcome.
Dale W4OP

2310. RE: [X1M_QRP-Transceiver] Internal Microphone Conditioner Update [1 Attachment]

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-15 20:11:45 UTC
From: Lee
Topic: 2301 Message: 2310

Thank you Dale, the schematic came through great.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Friday, November 15, 2013 1:07 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Internal Microphone Conditioner Update [1 Attachment]

Hi Lee,

Let's see if Yahoo will pass on my schematic. Modifying the radio would be very easy. Just remove the 3.3K SMD and tombstone a 1K SMD. The top end of the 1K then goes over to any one of the 9VDC points.

The jist of the schematic is that through proper selection of the value of the 1K internal and the 1K going to pin 10, you end up with 4VDC at pin 10. The two caps to ground decouple that point making it into a nice noise free, stiff +_4VDC. Now you can connect your series resistor to the mic to this point. The 2.2K resistor makes sure the mic element is not at a signal ground level (note that the 4VDC is also at signal or AC ground).

I did not look at your output configuration on pin 9, but be aware it forms a high pass filter (the 5.6K and the 100nF series cap) and may limit your low frequency response. Just something to look into.

Then again, you have spent a LOT more time with this than I have- and I could have missed soemthing very basic. Comments/corrections welcome.

Dale W4OP

2311. SMD Holder for soldering idea

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-15 21:00:51 UTC
From: <mr.olson@...>
Topic: 2311 Message: 2311

First, I would like to thank Roger N4HSI for showing us his SMD holder. I searched the internet and found some other examples that motivated me to make my own. The board is a $1 cutting board from Dollar Tree. The light, for my old eyes, is from eBay for $1.88. It is USB powered and I use a spare USB wall charger. My holder works similar to an old spring style clothes pin. Everything else I had lying around including using a pen spring for tension. A piece of upside down mouse mat keeps the circuit board from sliding around like Roger N4HSI did. The first time I used it I wondered how I got along without it. I put some pictures of it in my N9LO photo folder.
Lee - N9LO

2312. RE: RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-15 22:58:39 UTC
From: <lphebus@...>
Topic: 1193 Message: 2312

I have posted some characterization graphs of the compression chip, and pictures of my "a bit too large" and "more than a bit too ugly" compression microphone for the X1M. It is way simpler than others are attempting, but it works well.

---In X1M_QRP-Transceiver@yahoogroups.com, <orders@...> wrote:

Hi all,

I spent a good portion of Sunday tweaking and testing the circuit with another ham. The short of it is I still don't have a final set of values I'm really happy with but boy am I learning a lot! Swapping in and out parts and seeing how it changes on the screen of the computer is fascinating!

Lee - at one point you mentioned you measured the output of the oringal mic at 40mV. Can you tell me how you did that measurement? I have a trimmer on the output and am calibrating it for the comptuer I'm working with before the radio but I suspect I'm going to have to adjust it f or the radio again -- so I want to reproduce and use your method to start. Thanks.

With that I'm chugging along.....

---In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Success #2!!!! I've got my prototype compression circuit working tonight! Lee -- thanks for your diagram -- I didn't realize I needed to bias the microphone -- although I had wondered how the voltage was going to get there. Turns out my suspicion was correct -- and your diagram told me the answer to my questions! So thanks for that! The other piece I needed to change was the 3v cell button battery out for a 5vc supply with more amperage available.

So at this point I'm getting output and I'll start working on tuning the core feature set and then work on improving it etc. And this rig is still tickling me pink! Giving me reasons to learn :)

-Chris

---In x1m_qrp-transceiver@yahoogroups.com, <orders@...> wrote:

Well I'm tired... rereading your schematic I had it right the first time. I'll rewire it and see what I can see. But that will be tomorrow..... Oy!

---In x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> wrote:

You could try peaking at my settings but you may find better settings that you could share with us.
Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, October 28, 2013 10:19 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

That's great Lee! And good eyes Charlie and Dale re: powering from the radio. I'm working on mine with a battery tonight so I'll peak at yours after I give mine it's first run. HA! Glad to hear the punch seems to be really helping the x1m. :)

-Chris

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <lphebus@... mailto:lphebus@...> wrote:
Thanks Dale, I see that resistor R48C is limiting the current to the mic. I've got the battery-powered one nearly completed. Once done, I'll take a look at lowering that resistor value and building one powered by the X1M. It should easily fit into the X1M stock mic case. My experience so far suggests that a little compression really adds to the average signal power and readability.

Lee

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:
☐
Hi Lee,

Measure exactly what your current drain is and change out the resistor that is in series with the 9T voltage that is impressed on the mic socket.

As Charlie pointed out, it is currently 3.3K at least on the schematic.

Dale W4OP

To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, October 28, 2013 5:13 PM

Subject: RE: Re: [X1M_QRP-Transceiver] RE: RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Thanks!!! I'll take a look!

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com> wrote:
Lee , have you looked at I believe it is R48C in the radio , a 3.3K resistor and paralleling another 3.3K perhaps right on top of it to power your microphone ?

Dale and I were discussing it and he is much quicker with math and the diagrams and he came up with that idea to maybe do away with the batteries .

Charlie , W5COV

On 10/28/2013 3:54 PM, lphebus@... mailto:lphebus@... wrote:

I have posted an improved microphone with compression circuit in the photos section, "compression circuit" album. The advantage over the original design is that the compression chip is only active (~3mA current draw) when the mic is keyed. When the mic is not keyed, the chip goes into shutdown mode drawing <2 micro-Amps. My design is a battery-powered (2X AAA) replacement microphone, not a modification of the existing mic or X1M. The circuit mod should greatly extend battery life and allows elimination of the on/off switch.

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <x1m_qrp-transceiver@yahoogroups.com> mailto:x1m_qrp-transceiver@yahoogroups.com wrote:
I've bread boarded and tested an audio compressor circuit. Pictures are in the "Photos" section. Compression is adjustable from 1:1 to 6.25:1 which seems like plenty to me. It really helps the audio "punch" of the X1M. My plan is to put the circuit in the microphone case with a couple AAA batteries for power. I thought I would use a design like this http://www.qrpkits.com/microphone.html http://www.qrpkits.com/microphone.html . I tried to power it from the +5 volts the socket provides for the electret microphone, but the compressor current draw, although small (<3mA), loaded the 5V down to about 1.7 V. I am surprised by this. The AAA batteries should last a long time however. There are two potentiometers (blue) in the bread boarded circuit. The left is the compression level (Rcomp) and the right is the attenuator adjustment. The output of the compressor chip is a bit too high to feed directly into the X1M.

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <cvest@...> mailto:cvest@... wrote:
LOL Maybe that is why I am an old bachelor . My two dogs don't seem to complain at all and I am a true night person so I am not normally even on the net this early in the morning .

I work DX , various digital modes , the part 15 bands , and I am working on a new part 5 license , where the bands are night time bands , plus I have always enjoyed the peace and quiet of the wee morning hours .

If the bands aren't open I ALWAYS have at least one project on the bench that I am building and usually several at the same time .

However since I went to computer logging , I have gone back to using headsets , so my hands are pretty much free to type when I am on phone . One day I may need to add VOX to the X1M . Right now I have a momentary push button in a film can type plastic container to activate the PTT , until I decide what I want to put in a mic interface box for this little gem or see if I can possibly work with smaller SMT devices and squeeze something inside of it. I can go smaller but 1206 are the smallest I am really at ease with and they are fast disappearing from the market .

Charlie , W5COV

On 9/22/2013 10:36 AM, M_AND_R_SHAREF wrote:

I use to do all my operating late at night. CW and head phones are the way to go if you want to stay married. HI 73
On Sat, Sep 21, 2013 at 12:47 AM, Charlie , W5COV <cvest@... mailto:cvest@...> wrote:

Any new or updated information on how this project is coming along ?

Inquiring minds want to know :)

Charlie , W5COV

On 9/4/2013 12:49 PM, orders@... mailto:orders@... wrote:

I bit the bullet and ordered a ssm2167 on a breakout board from them. I decided against soiling my playing with bad soldering fruseration for the moment and instead will forgo the extra coffee one day. I'm thinking and inline version would be the most useful to start out -- plug the mic into the inline box and then have a tail from the board into the rig. There isn't any room in the rig to stick it easily and putting it directly into the mic would limit it to one circuit per mic... also not flexible. The other option is a larger block in the middle of the mic cable but that seems the wrong way.

Anyone have any thoughts on a performed form factor for it?
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <orders@...> mailto:orders@... wrote:
BTW digikey part number for the SSM2167 is SSM2167-1RMZ-REELCT-ND
http://www.digikey.com/product-detail/en/SSM2167-1RMZ-REEL/SSM2167-1RMZ-REELCT-ND/1628139

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <mr.olson@...> mailto:mr.olson@... wrote:
Oops, my mistake.Â I bought mine from a different seller 190593669424Â Must be old timers disease kicking in again.

Lee â€“ N9LO

From: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Bill Maxwell
Sent: Tuesday, September 03, 2013 12:19 AM
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

Didn't see the chips in that seller's store, Lee. Can you give us the item number for them, please.

Bill, VK7MX
On 3/09/2013 4:14 AM, Lee wrote:

I ordered 2 of the chips on eBay, just in case I kill one, and some chip adapter boards from the same seller. Put item number 181138215223 in the search box to see then.

From: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of orders@...
Sent: Monday, September 02, 2013 11:54 AM
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Audio Compression 'Accessory Circuit' Idea to Increase SSB Output

The more and more I look at this the more and more I want to play with little chip but it is in a tiny tiny MSOP package. And my soldering skills/hand steadiness is NO WHERE near close enough to jump right in. Anyone have a great easy way to put an MSOP chip onto a breadboard or anything like that? I've seen some 'easy' convertors for SMD chips but none

for MSOP -- and I guess I haven't looked to see if they would work. Anyway -- if anyone has any great suggestions I'd appreciate it!

-Chris

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <orders@... mailto:orders@...> wrote:
Thank Ken! Yup I'm thinking with 5 w I'm going to want the most talk power for the punch of my voice. Although I haven't done the math to see the difference between 0.5w and 5w. if my db brain remembers it probably isn't that much ! much like the difference between 5w and 100w ;) But I suspect it is bigger if I compare 0.5 w to 100w ;) And the goal is to get it as compressed and gained right to point before degrading! And we will see where that lands me! And to top that off the neighbor in the new apartment is really sensitive to me talking at night -- she has come twice at 1am to ask me to keep it down while conversing with a friend at lower than normal voices already. So the more punch I can get out of the mic at lower levels the more I can work in the nighhhhhhht!

And thanks for the thumbs up I'm loving the trip!
-Chris

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <krtdowns@... mailto:krtdowns@...> wrote:
Great attitude, Chris! I'm not familiar with that IC, but it sounds as though it has the functions you are seeking. Reasonable compression will add substantially to your "talk power." Like most things, it can be overdone and degrade your signal. Sounds as though you are tackling the learning opportunities this little rig offers with zest and enthusiasm. Have fun and enjoy the trip!
Ken, W1KRT

--- In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <orders@... mailto:orders@...> wrote:
Man oh Man! Am I loving this little rig! Not because it is perfect and a great value out of the box but for the exact reason I bit the bullet and bought it before it was all polished: Great learning rig! Every time some limit or question is hit I have a reason to go digging and exploring around in the bits that make radios tick. I'll be happy to get my fully functioning rig to actual work on the air but this is a little gem in my eyes for crackin' open the door to learning about radios!

Anyway, my newest exploration is around the audio and SSB and this little fellar. From what Ed has walked me through I'm beating down the path that the radio WILL transmit 5w PEP on SSB .. the mic, gain, compression, preamp, etc are the limiting factor to making this usable out of the box. I'm currently playing down the path that the gain adjustment in the rig will be sufficient if I can compress the audio so more of it is towards the 5W 'section'. During my dive into this sort of theory I can across this little gem of a chip: http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html http://www.analog.com/en/audiovideo-products/audio-amplifiers/ssm2167/products/product.html

Hot diggly! An IC that does compression, noise gating, and conditioning all on one chip! And the ratio being controlled by a single resistor.....

I've got plenty more to do to see if this theory will be valid in the x1m and how it all fits together but I'm loving this rig just for giving me framework to explore and ask about

this things. Before this little fella and my trying to test if the SSB output was 'good' and if I needed to send it back everything was just words and now its all tying together. Having a ball!

Anyway, wanted to throw that IC out to the group in case anyone wanted to pick up a ball around it and run with me too. I'm dreaming of a tiny little circuit that can go inline (or inside if you choose) the mic line and the radio. Set the compression, adjust the gain on the inside of the radio. And BAM an external mod that can be used with other mics, etc but is small enough to stay portable.

-Chris
KC8MUS

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

2313. Re: [X1M_QRP-Transceiver] SMD Holder for soldering idea

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 02:06:46 UTC
From: r mason
Topic: 2311 Message: 2313

Very nice, Lee. Sure looks nicer than my junk box version. Especially like the LED light idea.
Roger N4 Hot Soldering Iron

On 11/15/2013 4:00 PM, mr.olson@... wrote:
>
> First, I would like to thank Roger N4HSI for showing us his SMD
> holder. I searched the internet and found some other examples that
> motivated me to make my own. The board is a $1 cutting board from
> Dollar Tree. The light, for my old eyes, is from eBay for $1.88. It
> is USB powered and I use a spare USB wall charger. My holder works
> similar to an old spring style clothes pin. Everything else I had
> lying around including using a pen spring for tension. A piece of
> upside down mouse mat keeps the circuit board from sliding around like
> Roger N4HSI did. The first time I used it I wondered how I got along
> without it. I put some pictures of it in my N9LO photo folder.
>
> Lee - N9LO
>
>

2314. Audio Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 02:25:56 UTC
From: <mikejmardis@...>
Topic: 1175 Message: 2314

Just received the Audio Filter today. Since I didn't have the X1M in yet, I put it on my FT 857. Money well spent. Nice compliment to the DSP. Incidentally, on SSB, I find that I only need to set the bandwidth to 11 o'clock most of the time. Ensure that you check the case screws.

2315. Re: [X1M_QRP-Transceiver] RE: RE: Internal Microphone Conditioner Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 02:34:49 UTC
From: Charlie , W5COV
Topic: 2301 Message: 2315

Lee / 7 and Lee / 9 , I always enjoy reading your posts and those of all of the other people doing design and building . That SMD homemade parts holder is certainly a GREAT idea , especially in my case . So simple and clever I appreciate Roger so kindly sharing that with us old fellows :) I wish I had had one for the past couple of years anyway !!

Believe me I should be the President of the club of wanting to be able to retract some e-mails that seem foolish to even me after a while or sometimes as soon as I hit the send button , but this great group is very tolerant and has put up with my posts , that like this one are often far too long . Being an old bachelor that is mostly homebound , this group is a part of my family and a LARGE part of my contact with the outside world , so I tend to be long winded . I apologize to those that endure reading my complete e-mails :) I know I can bore people to death , but the net and this group in particular is pretty much my social life . I am trying to cut down on the number and size of my posts .

Guys if you have ANY problems working with SMD parts then this parts holder that Roger shared with us is an ABSOLUTE MUST addition to ANY bench , I think even for the guys that don't have the problems that some of us do . If anyone else has similar hints and kinks that they are willing to share with the group , PLEASE post them . I am always looking for new , better , easier , faster ways to do something that I can put together at home . The simple suggestion by Dale in the instructions for building the AGC board of placing a piece of white paper under the work area is extremely valuable when you inevitably drop one of those parts .

We are so blessed and fortunate to have Dale as an active member of this group . We can ALL learn from him . I find everyone that builds something , that I learn something from their design , method , device , or the troubleshooting of it to make it work properly . Dale sacrifices a LOT of time from his actual business to freely help us , so we should all keep that in mind when we shop for a product that his company produces !!!

He is a pioneer in several antenna endeavors and I for one can HIGHLY recommend his HF Omniangle antennas . They work VERY WELL with the X1M and there is more than one HUGE selling point for them . First I absolutely love it being a true omnidirectional horizontally polarized antenna , no having to have the dipole oriented just right , or have to quickly rotate an antenna to grab a DX station that just comes up . You can work him , while the "big guns" are still trying to aim their beams !! No expensive rotor to buy or worry about it working on a really cold winter day like we have plenty of coming up . Amazingly this antenna can be put together with ONLY A PHILLIPS SCREWDRIVER !! I have pretty

limited use of my hand and it took me all of 15 minutes to assemble it . Here is one of the best parts , I usually have to even hire someone to hang a simple dipole for me and I have never managed to assemble one of those in 15 minutes either and with only a single tool . I put this antenna up all by myself also in less than 15 minutes . It weighs in at under 3 pounds , but excellent design and superior materials convince me that it will indeed withstand the 90 + per MPH winds that I experience at this QTH . Put it on the already set and empty push up pole hooked up the feedline and managed to get the pole extended all by myself on one of my really good days and with the guys already set for the pole to be extended the Omniangle was ready to go on the air from its 30 foot height in less than 15 minutes . I am adding new stations to the log daily , DX is sometimes easier than many stateside stations !!

Charlie , W5COV

On 11/15/2013 11:05 AM, lphebus@... wrote:
>
> With more time for consideration (I wish I could delete posts that
> make me look as foolish as I sometimes am ;-) your circuit and mine
> differ in the way you pointed out. My chip and electret power are
> isolated from the audio output. Yours run on the same line, hence the
> diode. I still think the bias resistor for the electret may be
> important.
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com, <lphebus@...> wrote:
>
> You know, looking at the pictures, my circuit should have the same
> issues as yours, but it doesn't. I see 2 differences, other than the
> power source. First, my output cap is after the attenuator whereas
> yours is before. Second, I used a 3.3 K resistor to bias the
> electret microphone in the place you have a diode. The electret needs
> a resistor between it and the positive rail to power/bias the FET
> built into the cartridge. I have never seen a diode used for this
> purpose. Try substituting a resistor for the diode. I'll look more
> closely later, my XYL has a schedule for me right now... ;-).
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <lphebus@...> wrote:
>
> Hi Lee, I'll take a look at your diagrams, but I'm not sure I'll
> be of much help. I took a simpler,approach to the project and
> built a stand alone mic with 2 AAA batteries in the enclosure.
> As a result, the microphone is larger than I would have liked.
> I'll post a picture. It has 2 external potentiometers, one to
> adjust the compression (ratio of 1 to 6) and one to adjust the
> audio drive. It is far from professional looking, in fact it is
> borderline ugly, but it does work. Who knows what difficulties I

> might have encountered if I had been more ambitious in my design.
>
>
> The other Lee ;-)
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com, <mr.olson@...> wrote:
>
> Here is where I am so far on getting the SSM2167 working
> inside the stock microphone. Even after disconnecting the LED
> there is not enough power in the Microphone. I understand
> there was a discussion changing a resistors value in the radio
> to get more current. That is not the issue because there is
> another problem I do not know how to get around it. I
> uploaded 2 pictures to my N9LO photo folder. The first is a
> diagram showing where my problem is and the second is from my
> oscilloscope. The circuit works when switched to the
> uncompressed position but when in the compressed position I
> think the signal is going back down wire "A" and through the
> 1N4148 back to the Microphone. The 1N4148 was used to try to
> keep the electret microphone audio from getting back to the
> Tip on the microphone plug. You might think there would be a
> feedback situation but oscilloscope picture looks like the
> compressor output is 180 degrees out of phase canceling the
> audio, I think. I am stuck and need some help from anyone
> with more knowledge than me. and since I am just a hobbyist
> there are a lot of you out there. So this part is on hold but
> I purchased a CB type power microphone on eBay for $16 that
> uses a 9 volt battery inside. I plan on replacing it's
> amplifier with a SSM2167 circuit like my external version.
> Besides that larger microphone fits my big hand better. I may
> use the stock microphone cable because it is a lot more
> flexible and the power microphone cable is a little fat for
> the X1M plug.
>
> Lee - N9LO
>
>

2316. Re: [X1M_QRP-Transceiver] Audio Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 02:51:13 UTC
From: Charlie , W5COV
Topic: 1175 Message: 2316

I agree with you 100% Mike . It works very well with the X1M , so if you already own one it is a GREAT addition to put on your Christmas list . The size is great too since it was designed by Xiegu to go along with the X1M. Also like you said it works quite well with ANY radio . I too have an FT-857 that is bare bones with no filters or options and it REALLY makes a world of difference on that rig !! A great addition and buy in my opinion .

It is also on sale now just in time for Christmas :) here is the URL if you are interested. Look under Xiegu Technology in the box on the upper left corner of the page or search for audio filter in the search box .
http://www.importcommunications.com/

The FRONT PANELS to upgrade the earlier X1M's to a full fledged PRO , are on the Xiegu page also. I have tried one and have been using it for about 2 months on an original X1M and there is absolutely zero difference between the upgraded original and the PRO .

Charlie , W5COV

On 11/15/2013 8:25 PM, mikejmardis@... wrote:
>
> Just received the Audio Filter today. Since I didn't have the X1M in
> yet, I put it on my FT 857. Money well spent. Nice compliment to the
> DSP. Incidentally, on SSB, I find that I only need to set the
> bandwidth to 11 o'clock most of the time. Ensure that you check the
> case screws.
>
>

2317. Re: [X1M_QRP-Transceiver] SMD Holder for soldering idea

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 05:01:05 UTC
From: Charlie , W5COV
Topic: 2311 Message: 2317

I really like the light addition that you made to yours Lee . I am going to have to add a small diameter magnifier to mine . I HAVE to have PLENTY of light and magnification to work on almost anything , even larger parts . I need to search around a little and see if there is a CHEAP small diameter lighted magnifier . Not going to spend much on one , because I can find some way to rig a small lighted magnifier put together out of common parts . Still trying to stock up on 1206 and 1210 parts that I use a lot of . However I now have a lot more confidence in using 0805 on occasions .

Another aid in my personally doing 0805 size work is Dale told me about some Kester .015 solder on eBay . I have been and still do use on other parts , Radio Shack (64-013) .022 solder. Just the small diameter difference moving down to .015 has been a help too on working on the 0805 parts . That is pretty much my bottom size for parts and it isn't going to get any better the older that I get .

Charlie , W5COV

On 11/15/2013 3:00 PM, mr.olson@... wrote:
>
> First, I would like to thank Roger N4HSI for showing us his SMD
> holder. I searched the internet and found some other examples that
> motivated me to make my own. The board is a $1 cutting board from
> Dollar Tree. The light, for my old eyes, is from eBay for $1.88. It
> is USB powered and I use a spare USB wall charger. My holder works
> similar to an old spring style clothes pin. Everything else I had
> lying around including using a pen spring for tension. A piece of
> upside down mouse mat keeps the circuit board from sliding around like
> Roger N4HSI did. The first time I used it I wondered how I got along
> without it. I put some pictures of it in my N9LO photo folder.
>
> Lee - N9LO
>
>

2318. Strange behavior after AGC update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 15:03:52 UTC
From: <andreas.fuehrmann@...>
Topic: 2318 Message: 2318

So I have finally got my AGC kit yesterday and found some time today getting all those tiny little parts together. OMG is it tiny! Without magnifying glasses I would have been lost...
Getting the 4.17 volts at the testing point is a little bit difficult because the linear pot is very sensitive. There is a big difference with the AGC and using the radio is now much more comfortable.
One annoying thing appears each time I turn on the radio I have to wait about 10 sec until it has reached its final sound volume. It´s like a tube radio warming up.
Maybe this is related to the fact that I built the kit with the 10 M option for resistor R4.
Is this a regular behavior or did I mess up some of those tiny little parts?
BTW there is a little typo in the part list with 2 times C2.

Andy, DC3AFA

2319. RE: Strange behavior after AGC update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 15:41:01 UTC
From: <andreas.fuehrmann@...>
Topic: 2318 Message: 2319

I have a put a little video on youtube:
http://www.youtube.com/watch?v=rNXVdZ7q21s

---In x1m_qrp-transceiver@yahoogroups.com, <andreas.fuehrmann@...> wrote:

So I have finally got my AGC kit yesterday and found some time today getting all those tiny little parts together. OMG is it tiny! Without magnifying glasses I would have been lost...
Getting the 4.17 volts at the testing point is a little bit difficult because the linear pot is very sensitive. There is a big difference with the AGC and using the radio is now much more comfortable.
One annoying thing appears each time I turn on the radio I have to wait about 10 sec until it has reached its final sound volume. It´s like a tube radio warming up.
Maybe this is related to the fact that I built the kit with the 10 M option for resistor R4.
Is this a regular behavior or did I mess up some of those tiny little parts?
BTW there is a little typo in the part list with 2 times C2.

Andy, DC3AFA

2320. Re: [X1M_QRP-Transceiver] Strange behavior after AGC update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 15:59:50 UTC
From: Dale Parfitt
Topic: 2318 Message: 2320

Hi Andy,
There really isn't anything magic about the 4.17VDC- it sets the AGC threshold and someone might like a higher or slightly lower threshold.

My rig comes up immediately. I did see slow startup on some previous circuits, but not this one. I am also using the 10M timing resistor.
Let's see what others are experiencing. I'll correct the parts list, but I am not seeing the C2 error- can you give me some more detail?

Tnx,
Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 10:03 AM
Subject: [X1M_QRP-Transceiver] Strange behavior after AGC update

So I have finally got my AGC kit yesterday and found some time today getting all those tiny little parts together. OMG is it tiny! Without magnifying glasses I would have been lost...

Getting the 4.17 volts at the testing point is a little bit difficult because the linear pot is very sensitive. There is a big difference with the AGC and using the radio is now much more comfortable.
One annoying thing appears each time I turn on the radio I have to wait about 10 sec until it has reached its final sound volume. It´s like a tube radio warming up.
Maybe this is related to the fact that I built the kit with the 10 M option for resistor R4.
Is this a regular behavior or did I mess up some of those tiny little parts?
BTW there is a little typo in the part list with 2 times C2.

Andy, DC3AFA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2321. RE: Strange behavior after AGC update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 16:07:27 UTC
From: <andreas.fuehrmann@...>
Topic: 2318 Message: 2321

It´s on the part list (page 3):

C1, C2 C5 100 nF
C2, C4 10 uF

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Hi Andy,
There really isn't anything magic about the 4.17VDC- it sets the AGC threshold and someone might like a higher or slightly lower threshold.

My rig comes up immediately. I did see slow startup on some previous circuits, but not this one. I am also using the 10M timing resistor.
Let's see what others are experiencing. I'll correct the parts list, but I am not seeing the C2 error- can you give me some more detail?

Tnx,
Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@... mailto:andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 10:03 AM
Subject: [X1M_QRP-Transceiver] Strange behavior after AGC update

So I have finally got my AGC kit yesterday and found some time today getting all those tiny little parts together. OMG is it tiny! Without magnifying glasses I would have been lost...
Getting the 4.17 volts at the testing point is a little bit difficult because the linear pot is very sensitive. There is a big difference with the AGC and using the radio is now much more comfortable.
One annoying thing appears each time I turn on the radio I have to wait about 10 sec until it has reached its final sound volume. It´s like a tube radio warming up.
Maybe this is related to the fact that I built the kit with the 10 M option for resistor R4.
Is this a regular behavior or did I mess up some of those tiny little parts?
BTW there is a little typo in the part list with 2 times C2.

Andy, DC3AFA

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2322. RE: Strange behavior after AGC update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 16:19:10 UTC
From: <andreas.fuehrmann@...>
Topic: 2318 Message: 2322

Hi Dale,

and tnx for your quick response. It´s a great kit anyway. I will do some testing with the settings of R1.

tnx for your great support,
Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Hi Andy,
There really isn't anything magic about the 4.17VDC- it sets the AGC threshold and someone might like a higher or slightly lower threshold.

My rig comes up immediately. I did see slow startup on some previous circuits, but not this one. I am also using the 10M timing resistor.
Let's see what others are experiencing. I'll correct the parts list, but I am not seeing the C2 error- can you give me some more detail?

Tnx,
Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@... mailto:andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 10:03 AM
Subject: [X1M_QRP-Transceiver] Strange behavior after AGC update

So I have finally got my AGC kit yesterday and found some time today getting all those tiny little parts together. OMG is it tiny! Without magnifying glasses I would have been lost...
Getting the 4.17 volts at the testing point is a little bit difficult because the linear pot is very sensitive. There is a big difference with the AGC and using the radio is now much more comfortable.
One annoying thing appears each time I turn on the radio I have to wait about 10 sec until it has reached its final sound volume. It´s like a tube radio warming up.
Maybe this is related to the fact that I built the kit with the 10 M option for resistor R4.
Is this a regular behavior or did I mess up some of those tiny little parts?
BTW there is a little typo in the part list with 2 times C2.

Andy, DC3AFA

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2323. Re: [X1M_QRP-Transceiver] Strange behavior after AGC update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 16:35:43 UTC
From: Dale Parfitt
Topic: 2318 Message: 2323

My error guys. I have a 1M installed in my circuit! I did have a 10M and 1M in the proto board- and may have missed the slow start up with 10M.
So builders alert- use the 1M (1004 marked on the resistor).
Unfortunately, I have taken the proto circuit apart, so I can't confirm the slow start up with it. I would not think there would be any different specs between the surface mount IC and the DIP I used. The only other thought might be the nonpolarized cap used in the kit at C3 vs. the electrolytic in the proto.

End result is that the 1M sounds great. Sorry for the confusion

Dale W4OP
----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 10:03 AM
Subject: [X1M_QRP-Transceiver] Strange behavior after AGC update

So I have finally got my AGC kit yesterday and found some time today getting all those tiny little parts together. OMG is it tiny! Without magnifying glasses I would have been lost...

Getting the 4.17 volts at the testing point is a little bit difficult because the linear pot is very sensitive. There is a big difference with the AGC and using the radio is now much more comfortable.
One annoying thing appears each time I turn on the radio I have to wait about 10 sec until it has reached its final sound volume. It´s like a tube radio warming up.
Maybe this is related to the fact that I built the kit with the 10 M option for resistor R4.
Is this a regular behavior or did I mess up some of those tiny little parts?
BTW there is a little typo in the part list with 2 times C2.

Andy, DC3AFA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2324. Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 16:37:53 UTC
From: Dale Parfitt
Topic: 2318 Message: 2324

Got it- I was looking at the schematic parts list- which is correct. I'll make the correction in the parts list today.

Tnx,

Dale W4OP
----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 11:07 AM
Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

It´s on the part list (page 3):

C1, C2 C5 100 nF

C2, C4 10 uF

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Hi Andy,
There really isn't anything magic about the 4.17VDC- it sets the AGC threshold and someone might like a higher or slightly lower threshold.

My rig comes up immediately. I did see slow startup on some previous circuits, but not this one. I am also using the 10M timing resistor.
Let's see what others are experiencing. I'll correct the parts list, but I am not seeing the C2 error- can you give me some more detail?

Tnx,
Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 10:03 AM
Subject: [X1M_QRP-Transceiver] Strange behavior after AGC update

So I have finally got my AGC kit yesterday and found some time today getting all those tiny little parts together. OMG is it tiny! Without magnifying glasses I would have been lost...

Getting the 4.17 volts at the testing point is a little bit difficult because the linear pot is very sensitive. There is a big difference with the AGC and using the radio is now much more comfortable.
One annoying thing appears each time I turn on the radio I have to wait about 10 sec until it has reached its final sound volume. It´s like a tube radio warming up.
Maybe this is related to the fact that I built the kit with the 10 M option for resistor

R4.
Is this a regular behavior or did I mess up some of those tiny little parts?
BTW there is a little typo in the part list with 2 times C2.

Andy, DC3AFA

No virus found in this message.
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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2325. Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 16:57:36 UTC
From: Dale Parfitt
Topic: 2318 Message: 2325

I just placed the corrected manual in the Files section. There was also a typo in the schematic and I updated the discussion on R4 values.
Obviously, I need a proofreader.

Dale W4OP

From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 11:07 AM
Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

It´s on the part list (page 3):

C1, C2 C5 100 nF
C2, C4 10 uF

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Hi Andy,
There really isn't anything magic about the 4.17VDC- it sets the AGC threshold and someone might like a higher or slightly lower threshold.

My rig comes up immediately. I did see slow startup on some previous circuits, but not this one. I am also using the 10M timing resistor.
Let's see what others are experiencing. I'll correct the parts list, but I am not seeing the C2 error- can you give me some more detail?

Tnx,
Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 10:03 AM
Subject: [X1M_QRP-Transceiver] Strange behavior after AGC update

So I have finally got my AGC kit yesterday and found some time today getting all those tiny little parts together. OMG is it tiny! Without magnifying glasses I would have been lost...
Getting the 4.17 volts at the testing point is a little bit difficult because the linear pot is very sensitive. There is a big difference with the AGC and using the radio is now much more comfortable.
One annoying thing appears each time I turn on the radio I have to wait about 10 sec until it has reached its final sound volume. It´s like a tube radio warming up.
Maybe this is related to the fact that I built the kit with the 10 M option

for resistor R4.
Is this a regular behavior or did I mess up some of those tiny little parts?
BTW there is a little typo in the part list with 2 times C2.

Andy, DC3AFA

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2326. Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 16:58:49 UTC
From: Dale Parfitt
Topic: 2318 Message: 2326

You're welcome Andy. For a quick fix you could just add the 1M SMD on top of the 10M.
This would not have happened if we still had color codes!

Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 11:19 AM
Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Hi Dale,

and tnx for your quick response. It´s a great kit anyway. I will do some testing with the settings of R1.

tnx for your great support,

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Hi Andy,
There really isn't anything magic about the 4.17VDC- it sets the AGC threshold and someone might like a higher or slightly lower threshold.

My rig comes up immediately. I did see slow startup on some previous circuits, but not this one. I am also using the 10M timing resistor.
Let's see what others are experiencing. I'll correct the parts list, but I am not seeing the C2 error- can you give me some more detail?

Tnx,
Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 10:03 AM
Subject: [X1M_QRP-Transceiver] Strange behavior after AGC update

So I have finally got my AGC kit yesterday and found some time today getting all those tiny little parts together. OMG is it tiny! Without magnifying glasses I would have been lost...

Getting the 4.17 volts at the testing point is a little bit difficult because the linear pot is very sensitive. There is a big difference with the AGC and using the radio is now much more comfortable.
One annoying thing appears each time I turn on the radio I have to wait about 10 sec until

it has reached its final sound volume. It´s like a tube radio warming up.
Maybe this is related to the fact that I built the kit with the 10 M option for resistor R4.
Is this a regular behavior or did I mess up some of those tiny little parts?
BTW there is a little typo in the part list with 2 times C2.

Andy, DC3AFA

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2327. RE: Strange behavior after AGC update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 18:36:46 UTC
From: <andreas.fuehrmann@...>
Topic: 2318 Message: 2327

Seems as if my msg didm´t make it through the Yahoo system...
Changed R4 from 10m to 1M (labeling is NOT 1004 but 105!) , had to reduce voltage to 3.09 V. Now there is only a slight delay of about half a second left. Nice!
Thanks again, Dale!!!

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ You're welcome Andy. For a quick fix you could just add the 1M SMD on top of the 10M.
This would not have happened if we still had color codes!

Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@... mailto:andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 11:19 AM
Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Hi Dale,

and tnx for your quick response. It´s a great kit anyway. I will do some testing with the settings of R1.

tnx for your great support,
Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Hi Andy,
There really isn't anything magic about the 4.17VDC- it sets the AGC threshold and someone might like a higher or slightly lower threshold.

My rig comes up immediately. I did see slow startup on some previous circuits, but not this one. I am also using the 10M timing resistor.
Let's see what others are experiencing. I'll correct the parts list, but I am not seeing the C2 error- can you give me some more detail?

Tnx,
Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@... mailto:andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 10:03 AM
Subject: [X1M_QRP-Transceiver] Strange behavior after AGC update

So I have finally got my AGC kit yesterday and found some time today getting all those tiny little parts together. OMG is it tiny! Without magnifying glasses I would have been lost...
Getting the 4.17 volts at the testing point is a little bit difficult because the linear pot is very sensitive. There is a big difference with the AGC and using the radio is now much more comfortable.
One annoying thing appears each time I turn on the radio I have to wait about 10 sec until it has reached its final sound volume. It´s like a tube radio warming up.
Maybe this is related to the fact that I built the kit with the 10 M option for resistor R4.
Is this a regular behavior or did I mess up some of those tiny little parts?
BTW there is a little typo in the part list with 2 times C2.

Andy, DC3AFA

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2328. RE: Strange behavior after AGC update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 18:48:00 UTC
From: <andreas.fuehrmann@...>
Topic: 2318 Message: 2328

Bingo! Changed 10 M resistor against 1 M (it is labeled 105 not 1004), had to reduce voltage down to 3,09 Volts, too. Now it is working nicely. Startup is only delayed slightly - about half a second - but that´s o.k. for me!
Thanks again, Dave. Great work!

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ You're welcome Andy. For a quick fix you could just add the 1M SMD on top of the 10M.
This would not have happened if we still had color codes!

Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@... mailto:andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 11:19 AM
Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Hi Dale,

and tnx for your quick response. It´s a great kit anyway. I will do some testing with the settings of R1.

tnx for your great support,
Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Hi Andy,
There really isn't anything magic about the 4.17VDC- it sets the AGC threshold and someone might like a higher or slightly lower threshold.

My rig comes up immediately. I did see slow startup on some previous circuits, but not this one. I am also using the 10M timing resistor.
Let's see what others are experiencing. I'll correct the parts list, but I am not seeing the C2 error- can you give me some more detail?

Tnx,
Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@... mailto:andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 10:03 AM
Subject: [X1M_QRP-Transceiver] Strange behavior after AGC update

So I have finally got my AGC kit yesterday and found some time today getting all those tiny little parts together. OMG is it tiny! Without magnifying glasses I would have been lost...
Getting the 4.17 volts at the testing point is a little bit difficult because the linear pot is very sensitive. There is a big difference with the AGC and using the radio is now much more comfortable.
One annoying thing appears each time I turn on the radio I have to wait about 10 sec until it has reached its final sound volume. It´s like a tube radio warming up.
Maybe this is related to the fact that I built the kit with the 10 M option for resistor R4.
Is this a regular behavior or did I mess up some of those tiny little parts?
BTW there is a little typo in the part list with 2 times C2.

Andy, DC3AFA

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2329. AGC parts

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 19:02:33 UTC
From: Victor Schensnovich
Topic: 2329 Message: 2329

Hi Dale. What is R4 value in a kit 10m or 1m?
Victor, UA1CEX.

2330. Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 19:04:49 UTC
From: Dale Parfitt
Topic: 2318 Message: 2330

Yes, I had 2 sources of the resistors with different nomenclature.

Dale W4OP
----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 1:36 PM
Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Seems as if my msg didm´t make it through the Yahoo system...

Changed R4 from 10m to 1M (labeling is NOT 1004 but 105!) , had to reduce voltage to 3.09 V. Now there is only a slight delay of about half a second left. Nice!

Thanks again, Dale!!!

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
You're welcome Andy. For a quick fix you could just add the 1M SMD on top of the 10M.
This would not have happened if we still had color codes!

Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 11:19 AM
Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Hi Dale,

and tnx for your quick response. It´s a great kit anyway. I will do some testing with the settings of R1.

tnx for your great support,

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Hi Andy,
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My rig comes up immediately. I did see slow startup on some previous circuits, but not this one. I am also using the 10M timing resistor.
Let's see what others are experiencing. I'll correct the parts list, but I am not seeing the C2 error- can you give me some more detail?

Tnx,
Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 10:03 AM
Subject: [X1M_QRP-Transceiver] Strange behavior after AGC update

So I have finally got my AGC kit yesterday and found some time today getting all those tiny little parts together. OMG is it tiny! Without magnifying glasses I would have been lost...

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One annoying thing appears each time I turn on the radio I have to wait about 10 sec until it has reached its final sound volume. It´s like a tube radio warming up.
Maybe this is related to the fact that I built the kit with the 10 M option for resistor R4.
Is this a regular behavior or did I mess up some of those tiny little parts?
BTW there is a little typo in the part list with 2 times C2.

Andy, DC3AFA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2331. Re: [X1M_QRP-Transceiver] AGC parts

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 19:06:42 UTC
From: Dale Parfitt
Topic: 2329 Message: 2331

I supplied both parts with the kit.

Dale W4OP
----- Original Message -----
From: Victor Schensnovich
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 2:02 PM
Subject: [X1M_QRP-Transceiver] AGC parts

Hi Dale. What is R4 value in a kit 10m or 1m?
Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2332. Re: [X1M_QRP-Transceiver] AGC parts

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 19:10:30 UTC
From: Victor Schensnovich
Topic: 2329 Message: 2332

Thank you, Dale for your reply!
16.11.2013 22:06, Dale Parfitt пишет:
>
> □
>
> I supplied both parts with the kit.
> Dale W4OP
>
> ----- Original Message -----
> *From:* Victor Schensnovich <mailto:ua1cex@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Saturday, November 16, 2013 2:02 PM
> *Subject:* [X1M_QRP-Transceiver] AGC parts
>
> Hi Dale. What is R4 value in a kit 10m or 1m?
> Victor, UA1CEX.
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date:
> 11/13/13
>
>

2333. Re: [X1M_QRP-Transceiver] AGC KIT QUESTION @Mike

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 21:57:31 UTC
From: Charlie , W5COV
Topic: 2333 Message: 2333

Mike this kit is a real step up from those kits . I guess more correctly step down :) as it takes even experienced guys with lots of SMD skill patience and precision work to complete .
I should have done this earlier , but I wanted to congratulate you on taking the plunge and building it.

We need more people like you in our hobby today . Many of us in this group are getting a little above middle age :) Please pass your age along and tell us a little about your history in the hobby.

I am 60 years old and just this month mark my 48th anniversary as a ham . I know Dale is a couple of years older than me and was licensed , like I was , at a young age ,so he and I have very close parallels of experiencing ham radio and it transformation over the same years . I was age 12 when my license actually arrived . I think I was age 11 when I passed the test . Things in those days didn't move very quickly , no on the spot instant upgrades . I remember when I had to go to the FCC office for my upgrades through Extra and even then after passing the morse and written test in front of an FCC examiner , he told me to expect my license in the mail in about 12 weeks and naturally I couldn't even operate at the higher class until I had it actually in hand.

If you can handle this kit , you are ready to move on to some more complex projects to build . If you ever have ANY questions , please DO NOT HESITATE to post them to this group. It is one of the best , most "user friendly" groups around for helping people . We have Dale and several people who have different areas of knowledge , in the electronics field . Also if you find yourself in need of a part or even a few for a project , don't hesitate to post it on here . I keep a wide variety of parts on hand and am always willing to share if they will help anyone . You can manage to collect a lot of things in half a century :)

I personally have no knowledge of the expected shipping date , but I hope it is soon , so you can get on the air and both enjoy and appreciate the fine features of this true little radio now . I look forward to working you when you get your radio . With this batch maybe we will have enough people to actually start us a little weekly get together of X1M users on the air .

Again CONGRATULATIONS !!

Charlie , W5COV

On 11/14/2013 11:00 PM, mikejmardis@... wrote:
> This was my first time doing anything that small. I've done the pico
> keyer plus and pixie 2. It was intimidating for sure.
> But, for $11, I said "oh well " and went for it.

> I was very impressed with the ease and directions. No problems I'm
> aware of. I didn't even curse once.
> I'm waiting for the new shipment to come in. So I can't comment
> further. Only that if you haven't done anything like it before, try
> it. Think small iron. Small solder (.011). And take your time. Be sure
> to setup some type of catch system so you don't drop parts on the floor.
>
> Sent from my iPhone
>
> On Nov 14, 2013, at 23:52, "Charlie , W5COV" <cvest@...
> <mailto:cvest@...>> wrote:
>
>>
>> Since Dale has shipped out all of the AGC kit orders , I was curious if
>> the people that ordered them had yet put the kit together . If you have
>> do you also have it installed ?
>>
>> If it is installed how did you find building the kit and installing it ?
>> Any problems or suggestions for those that may not have built theirs
>> yet ??
>>
>> Did you have any problems installing in and what are your overall
>> impressions of it ? Do the attack and decay times seem like a decent set
>> point ?
>>
>> Feedback is always VERY important to see if you are happy with it and to
>> find out if there are better or easier ways to do things in the future .
>> Your experience building and installing it could benefit someone else or
>> perhaps help all of us find an easier or better way to install it .
>>
>> Is anyone having difficulty with it at any point in the process ? Don't
>> be afraid to post a suggestion or a question on here . The goal is for
>> you to enjoy the X1M even more .
>>
>> I would certainly be interested in hearing from EVERYONE that ordered a
>> kit and see what stage they are at with it . Please post and share your
>> experience with the rest of us .
>>
>> GOOD DX !!
>> Charlie , W5COV
>>
>

2334. Re: [X1M_QRP-Transceiver] AGC KIT QUESTION @Mike

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 22:23:43 UTC
From: mikejmardis@...
Topic: 2333 Message: 2334

Thanks Charlie. I'm one of those who read your entire post and there's no need to apologize.
I'm 43 years old. I received my license 4/94. First as a Tech plus after only study the material and code for a week.
I later upgraded to General.
Besides being proud of myself for stepping "down" on this kit, it was also a hurdle because of an injury I sustained at work (as a professional firefighter) causing me to lose sensation in the tips of my fingers.
I do have one question. If you could be as descriptive as possible, what pins do I test for the 4.17 volts after installing?
This kit has been the catalyst for me pulling out the old pixie 2 and consider some mods to improve it.
I love qrp and owned one of the first kx3's. Like I've said before, Elecraft has unbelievable customer service. Their yahoo group is pretty amazing to. That is what has me so excited about this radio. This group, Dale and Ed have been amazing.

Sent from my iPhone

> On Nov 16, 2013, at 16:57, "Charlie , W5COV" <cvest@...> wrote:
>
> Mike this kit is a real step up from those kits . I guess more correctly step down :) as it takes even experienced guys with lots of SMD skill patience and precision work to complete .
> I should have done this earlier , but I wanted to congratulate you on taking the plunge and building it.
>
> We need more people like you in our hobby today . Many of us in this group are getting a little above middle age :) Please pass your age along and tell us a little about your history in the hobby.
>
> I am 60 years old and just this month mark my 48th anniversary as a ham . I know Dale is a couple of years older than me and was licensed , like I was , at a young age ,so he and I have very close parallels of experiencing ham radio and it transformation over the same years . I was age 12 when my license actually arrived . I think I was age 11 when I passed the test . Things in those days didn't move very quickly , no on the spot instant upgrades . I remember when I had to go to the FCC office for my upgrades through Extra and even then after passing the morse and written test in front of an FCC examiner , he told me to expect my license in the mail in about 12 weeks and naturally I couldn't even operate at the higher class until I had it actually in hand.
>
> If you can handle this kit , you are ready to move on to some more complex projects to build . If you ever have ANY questions , please DO NOT HESITATE to post them to this group. It is one of the best , most "user friendly" groups around for helping people . We have Dale and several people who have different areas of knowledge , in the electronics field . Also if you find yourself in need of a part or even a few for a project , don't hesitate to

post it on here . I keep a wide variety of parts on hand and am always willing to share if they will help anyone . You can manage to collect a lot of things in half a century :)
>
> I personally have no knowledge of the expected shipping date , but I hope it is soon , so you can get on the air and both enjoy and appreciate the fine features of this true little radio now . I look forward to working you when you get your radio . With this batch maybe we will have enough people to actually start us a little weekly get together of X1M users on the air .
>
> Again CONGRATULATIONS !!
>
> Charlie , W5COV
>
>> On 11/14/2013 11:00 PM, mikejmardis@... wrote:
>>
>> This was my first time doing anything that small. I've done the pico keyer plus and pixie 2. It was intimidating for sure.
>> But, for $11, I said "oh well " and went for it.
>> I was very impressed with the ease and directions. No problems I'm aware of. I didn't even curse once.
>> I'm waiting for the new shipment to come in. So I can't comment further. Only that if you haven't done anything like it before, try it. Think small iron. Small solder (.011). And take your time. Be sure to setup some type of catch system so you don't drop parts on the floor.
>>
>> Sent from my iPhone
>>
>> On Nov 14, 2013, at 23:52, "Charlie , W5COV" <cvest@...> wrote:
>>
>>>
>>>
>>> Since Dale has shipped out all of the AGC kit orders , I was curious if
>>> the people that ordered them had yet put the kit together . If you have
>>> do you also have it installed ?
>>>
>>> If it is installed how did you find building the kit and installing it ?
>>> Any problems or suggestions for those that may not have built theirs yet ??
>>>
>>> Did you have any problems installing in and what are your overall
>>> impressions of it ? Do the attack and decay times seem like a decent set
>>> point ?
>>>
>>> Feedback is always VERY important to see if you are happy with it and to
>>> find out if there are better or easier ways to do things in the future .
>>> Your experience building and installing it could benefit someone else or
>>> perhaps help all of us find an easier or better way to install it .
>>>
>>> Is anyone having difficulty with it at any point in the process ? Don't
>>> be afraid to post a suggestion or a question on here . The goal is for
>>> you to enjoy the X1M even more .
>>>

>>> I would certainly be interested in hearing from EVERYONE that ordered a
>>> kit and see what stage they are at with it . Please post and share your
>>> experience with the rest of us .
>>>
>>> GOOD DX !!
>>> Charlie , W5COV
>
>

2335. Re: [X1M_QRP-Transceiver] AGC parts

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 22:27:03 UTC
From: mikejmardis@...
Topic: 2329 Message: 2335

Vic, the directions under files explains it. He recommends 10 to decrease the incidents of "pops"

Sent from my iPhone

> On Nov 16, 2013, at 14:02, Victor Schensnovich <ua1cex@...> wrote:
>
> Hi Dale. What is R4 value in a kit 10m or 1m?
> Victor, UA1CEX.
>

2336. Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 22:41:09 UTC
From: mikejmardis@...
Topic: 2318 Message: 2336

Ok! So I built the mod with the 10m as recommended. I don't think the delay will be a issue for me if it's just a "warm up" scenario. What do you recommend is the optimum setup?

Sent from my iPhone

> On Nov 16, 2013, at 14:04, "Dale Parfitt" <parinc1@...> wrote:
>
> □
>
> Yes, I had 2 sources of the resistors with different nomenclature.
>
> Dale W4OP
> ----- Original Message -----
> From: andreas.fuehrmann@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Saturday, November 16, 2013 1:36 PM
> Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update
>
>
> Seems as if my msg didm´t make it through the Yahoo system...
>
> Changed R4 from 10m to 1M (labeling is NOT 1004 but 105!) , had to reduce voltage to 3.09 V. Now there is only a slight delay of about half a second left. Nice!
>
> Thanks again, Dale!!!
>
>
>
> Andy, DC3AFA
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:
>
> □
> You're welcome Andy. For a quick fix you could just add the 1M SMD on top of the 10M.
> This would not have happened if we still had color codes!
>
> Dale W4OP
>
> ----- Original Message -----
> From: andreas.fuehrmann@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Saturday, November 16, 2013 11:19 AM

> Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update
>
>
> Hi Dale,
>
>
>
> and tnx for your quick response. It´s a great kit anyway. I will do some testing with the settings of R1.
>
>
>
> tnx for your great support,
>
> Andy, DC3AFA
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:
>
> □
> Hi Andy,
> There really isn't anything magic about the 4.17VDC- it sets the AGC threshold and someone might like a higher or slightly lower threshold.
>
> My rig comes up immediately. I did see slow startup on some previous circuits, but not this one. I am also using the 10M timing resistor.
> Let's see what others are experiencing. I'll correct the parts list, but I am not seeing the C2 error- can you give me some more detail?
>
> Tnx,
> Dale W4OP
>
> ----- Original Message -----
> From: andreas.fuehrmann@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Saturday, November 16, 2013 10:03 AM
> Subject: [X1M_QRP-Transceiver] Strange behavior after AGC update
>
>
> So I have finally got my AGC kit yesterday and found some time today getting all those tiny little parts together. OMG is it tiny! Without magnifying glasses I would have been lost...
>
> Getting the 4.17 volts at the testing point is a little bit difficult because the linear pot is very sensitive. There is a big difference with the AGC and using the radio is now much more comfortable.
> One annoying thing appears each time I turn on the radio I have to wait about 10 sec until it has reached its final sound volume. It´s like a tube radio warming up.
> Maybe this is related to the fact that I built the kit with the 10 M option for resistor R4.
> Is this a regular behavior or did I mess up some of those tiny little parts?
> BTW there is a little typo in the part list with 2 times C2.

>
> Andy, DC3AFA
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13
>
>

2337. Re: [X1M_QRP-Transceiver] AGC parts

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 22:44:00 UTC
From: Dale Parfitt
Topic: 2329 Message: 2337

Hi Mike,
Both the schematic notes (in the manual) and page 6 of the manual direct you to measure the 4.17VDC at pin 5 of the MC1350. That is the leg you will be lifiting on the MC1350 IC

Dale W4OP

----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 5:27 PM
Subject: Re: [X1M_QRP-Transceiver] AGC parts

Vic, the directions under files explains it. He recommends 10 to decrease the incidents of "pops"

Sent from my iPhone

On Nov 16, 2013, at 14:02, Victor Schensnovich <ua1cex@...> wrote:

Hi Dale. What is R4 value in a kit 10m or 1m?
Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2338. Re: [X1M_QRP-Transceiver] AGC parts

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 22:57:09 UTC
From: Charlie , W5COV
Topic: 2329 Message: 2338

Hi Mike ,

Dale is of course spot on , once you make the cut , you will know where you are supposed to be . Since you haven't yet seen the inside of an X1M yet , the chip is also easy to locate . There are only two full size DIP's on top of the top board . The one on the outside edge is the LM-386 and the one next to a couple of crystals kind of in the middle of the board toward the front , is the MC1350 . So any of the chips you will be working with are pretty easy to identify .

Charlie, W5COV

On 11/16/2013 4:44 PM, Dale Parfitt wrote:
>
> □
>
> Hi Mike,
> Both the schematic notes (in the manual) and page 6 of the manual
> direct you to measure the 4.17VDC at pin 5 of the MC1350. That is the
> leg you will be lifiting on the MC1350 IC
> Dale W4OP
> ----- Original Message -----
>
> *From:* mikejmardis@... <mailto:mikejmardis@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Saturday, November 16, 2013 5:27 PM
> *Subject:* Re: [X1M_QRP-Transceiver] AGC parts
>
> Vic, the directions under files explains it. He recommends 10 to
> decrease the incidents of "pops"
>
> Sent from my iPhone
>
> On Nov 16, 2013, at 14:02, Victor Schensnovich <ua1cex@...
> <mailto:ua1cex@...>> wrote:
>
>> Hi Dale. What is R4 value in a kit 10m or 1m?
>> Victor, UA1CEX.
>>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date:
> 11/13/13
>

>

2339. Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 23:16:17 UTC
From: Dale Parfitt
Topic: 2318 Message: 2339

I am looking into why the decay is longer with the kit than what it was with the proto board. I used the 1M and it sounds fine.

Dale
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 5:41 PM
Subject: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Ok! So I built the mod with the 10m as recommended. I don't think the delay will be a issue for me if it's just a "warm up" scenario. What do you recommend is the optimum setup?

Sent from my iPhone

On Nov 16, 2013, at 14:04, "Dale Parfitt" <parinc1@...> wrote:

☐

Yes, I had 2 sources of the resistors with different nomenclature.

Dale W4OP
----- Original Message -----
From: andreas.fuehrmann@macnews.de
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 1:36 PM
Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Seems as if my msg didm´t make it through the Yahoo system...

Changed R4 from 10m to 1M (labeling is NOT 1004 but 105!) , had to reduce voltage to 3.09 V. Now there is only a slight delay of about half a second left. Nice!

Thanks again, Dale!!!

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
You're welcome Andy. For a quick fix you could just add the 1M SMD on top of the 10M.
This would not have happened if we still had color codes!

Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Saturday, November 16, 2013 11:19 AM
Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Hi Dale,

and tnx for your quick response. It´s a great kit anyway. I will do some testing with the settings of R1.

tnx for your great support,

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Hi Andy,
There really isn't anything magic about the 4.17VDC- it sets the AGC threshold and someone might like a higher or slightly lower threshold.

My rig comes up immediately. I did see slow startup on some previous circuits, but not this one. I am also using the 10M timing resistor.
Let's see what others are experiencing. I'll correct the parts list, but I am not seeing the C2 error- can you give me some more detail?

Tnx,
Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 10:03 AM
Subject: [X1M_QRP-Transceiver] Strange behavior after AGC update

So I have finally got my AGC kit yesterday and found some time today getting all those tiny little parts together. OMG is it tiny! Without magnifying glasses I would have been lost...

Getting the 4.17 volts at the testing point is a little bit difficult because the linear pot is very sensitive. There is a big difference with the AGC and using the radio is now much more comfortable.
One annoying thing appears each time I turn on the radio I have to wait about 10 sec until it has reached its final sound volume. It´s like a tube radio warming up.
Maybe this is related to the fact that I built the kit with the 10 M option for resistor R4.
Is this a regular behavior or did I mess up some of those tiny little parts?
BTW there is a little typo in the part list with 2 times C2.

Andy, DC3AFA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

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Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2340. Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-16 23:44:23 UTC
From: mikejmardis@...
Topic: 2318 Message: 2340

So I need to change to the 1M to get the recommended outcome you had stated in the manual?

Sent from my iPhone

> On Nov 16, 2013, at 18:16, "Dale Parfitt" <parinc1@...> wrote:
>
> □
>
> I am looking into why the decay is longer with the kit than what it was with the proto board. I used the 1M and it sounds fine.
>
> Dale
> ----- Original Message -----
> From: mikejmardis@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Saturday, November 16, 2013 5:41 PM
> Subject: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update
>
>
> Ok! So I built the mod with the 10m as recommended. I don't think the delay will be a issue for me if it's just a "warm up" scenario. What do you recommend is the optimum setup?
>
> Sent from my iPhone
>
>> On Nov 16, 2013, at 14:04, "Dale Parfitt" <parinc1@...> wrote:
>>
>>
>> □
>>
>> Yes, I had 2 sources of the resistors with different nomenclature.
>>
>> Dale W4OP
>> ----- Original Message -----
>> From: andreas.fuehrmann@...
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: Saturday, November 16, 2013 1:36 PM
>> Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update
>>
>>
>> Seems as if my msg didm´t make it through the Yahoo system...
>>
>> Changed R4 from 10m to 1M (labeling is NOT 1004 but 105!) , had to reduce voltage to 3.09 V. Now there is only a slight delay of about half a second left. Nice!
>>

>> Thanks again, Dale!!!
>>
>>
>>
>> Andy, DC3AFA
>>
>>
>>
>> ---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:
>>
>> □
>> You're welcome Andy. For a quick fix you could just add the 1M SMD on top of the 10M.
>> This would not have happened if we still had color codes!
>>
>> Dale W4OP
>>
>> ----- Original Message -----
>> From: andreas.fuehrmann@...
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: Saturday, November 16, 2013 11:19 AM
>> Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update
>>
>>
>> Hi Dale,
>>
>>
>>
>> and tnx for your quick response. It´s a great kit anyway. I will do some testing with the settings of R1.
>>
>>
>>
>> tnx for your great support,
>>
>> Andy, DC3AFA
>>
>>
>>
>> ---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:
>>
>> □
>> Hi Andy,
>> There really isn't anything magic about the 4.17VDC- it sets the AGC threshold and someone might like a higher or slightly lower threshold.
>>
>> My rig comes up immediately. I did see slow startup on some previous circuits, but not this one. I am also using the 10M timing resistor.
>> Let's see what others are experiencing. I'll correct the parts list, but I am not seeing the C2 error- can you give me some more detail?
>>

>> Tnx,
>> Dale W4OP
>>
>> ----- Original Message -----
>> From: andreas.fuehrmann@...
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: Saturday, November 16, 2013 10:03 AM
>> Subject: [X1M_QRP-Transceiver] Strange behavior after AGC update
>>
>>
>> So I have finally got my AGC kit yesterday and found some time today getting all those tiny little parts together. OMG is it tiny! Without magnifying glasses I would have been lost...
>>
>> Getting the 4.17 volts at the testing point is a little bit difficult because the linear pot is very sensitive. There is a big difference with the AGC and using the radio is now much more comfortable.
>> One annoying thing appears each time I turn on the radio I have to wait about 10 sec until it has reached its final sound volume. It´s like a tube radio warming up.
>> Maybe this is related to the fact that I built the kit with the 10 M option for resistor R4.
>> Is this a regular behavior or did I mess up some of those tiny little parts?
>> BTW there is a little typo in the part list with 2 times C2.
>>
>> Andy, DC3AFA
>>
>>
>> No virus found in this message.
>> Checked by AVG - www.avg.com
>> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13
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>
>

2341. NEED A STATE FOR WORKED ALL STATES THIS WEEKEND ??

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-17 00:09:46 UTC
From: Charlie , W5COV
Topic: 2341 Message: 2341

DARN !!! I HATE getting old and the swiss cheese memory issues !!!! I CAN NOT believe I missed the opening part of the ARRL PHONE SWEEPSTAKES !!!

Guys it is happening NOW !!! This is probably the best activity of the year for you to pick up states , sections and counties that you might need if you collect paper , for any of the bands covered by the X1M . The WARC bands aren't allowed in contests , so you have the same set of bands available as everyone else !!

I don't believe I have ever missed operating any of the SS in 48 years . This year I am going to be doing a LOT of hunt and pounce , since I reset my logbook to ALL zero contacts back the first of the summer , so I need a LOT of states on SSB on different bands to add to my numbers . I am just like a beginning ham on totals , that got their license the first of the summer .

Get your MICROPHONES out and work EVERY state and section in the USA !! This may be the BEST opportunity that you will have this year !! Believe it or not I was VERY surprised in the CW Sweepstakes two weeks ago at what you would have thought would have been very easy states turned out to be the most rare for almost everyone . I saw that Arkansas , was I believe the most wanted , least worked state during the CW portion. Believe me in this particular contest , EVERY state and section is needed by someone and it just may be yours , you never know !! I only live 80 miles from Arkansas and should have made a nice fall weekend trip over there with the X1M to operate on phone . But if I had done that Oklahoma , where I live would have been the "rare" state or Kansas , that I live a half mile from , and have a nice radio club station on top of a high hill over there .

Okay guys starting at zero here for sections for the Sweepstakes , sure would like to have a clean sweep by tomorrow evening . Get on and lets see how many we can work !!! We might "make a LOT of peoples day or entire weekend !!!" (Exchange info at www.arrl.org)

Charlie , W5COV

2342. Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-17 00:16:06 UTC
From: Dale Parfitt
Topic: 2318 Message: 2342

Yes, I would now recommend the 1M. Still not sure why the difference- just curious at this point.

Dale
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 6:44 PM
Subject: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

So I need to change to the 1M to get the recommended outcome you had stated in the manual?

Sent from my iPhone

On Nov 16, 2013, at 18:16, "Dale Parfitt" <parinc1@...> wrote:

☐

I am looking into why the decay is longer with the kit than what it was with the proto board. I used the 1M and it sounds fine.

Dale
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 5:41 PM
Subject: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Ok! So I built the mod with the 10m as recommended. I don't think the delay will be a issue for me if it's just a "warm up" scenario. What do you recommend is the optimum setup?

Sent from my iPhone

On Nov 16, 2013, at 14:04, "Dale Parfitt" <parinc1@...> wrote:

☐

Yes, I had 2 sources of the resistors with different nomenclature.

Dale W4OP
----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 1:36 PM
Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Seems as if my msg didm´t make it through the Yahoo system...

Changed R4 from 10m to 1M (labeling is NOT 1004 but 105!) , had to reduce voltage to 3.09 V. Now there is only a slight delay of about half a second left. Nice!

Thanks again, Dale!!!

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
You're welcome Andy. For a quick fix you could just add the 1M SMD on top of the 10M.
This would not have happened if we still had color codes!

Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 11:19 AM
Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Hi Dale,

and tnx for your quick response. It´s a great kit anyway. I will do some testing with the settings of R1.

tnx for your great support,

Andy, DC3AFA

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My rig comes up immediately. I did see slow startup on some previous circuits, but not this one. I am also using the 10M timing resistor.
Let's see what others are experiencing. I'll correct the parts list, but I am not seeing the C2 error- can you give me some more detail?

Tnx,
Dale W4OP

----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 10:03 AM
Subject: [X1M_QRP-Transceiver] Strange behavior after AGC update

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Maybe this is related to the fact that I built the kit with the 10 M option for resistor R4.
Is this a regular behavior or did I mess up some of those tiny little parts?
BTW there is a little typo in the part list with 2 times C2.

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2343. RE: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-17 02:02:55 UTC
From: <lphebus@...>
Topic: 2318 Message: 2343

Hi, I made both of Dale's mods tonight, used the 1 meg resistor, works like a charm!!! THANKS!!!

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Yes, I would now recommend the 1M. Still not sure why the difference- just curious at this point.

Dale
----- Original Message -----
From: mikejmardis@... mailto:mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 6:44 PM
Subject: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

So I need to change to the 1M to get the recommended outcome you had stated in the manual?

Sent from my iPhone

On Nov 16, 2013, at 18:16, "Dale Parfitt" <parinc1@... mailto:parinc1@...> wrote:

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I am looking into why the decay is longer with the kit than what it was with the proto board. I used the 1M and it sounds fine.

Dale
----- Original Message -----
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Sent: Saturday, November 16, 2013 5:41 PM
Subject: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Ok! So I built the mod with the 10m as recommended. I don't think the delay will be a issue for me if it's just a "warm up" scenario. What do you recommend is the optimum setup?

Sent from my iPhone

On Nov 16, 2013, at 14:04, "Dale Parfitt" <parinc1@... mailto:parinc1@...> wrote:

☐
Yes, I had 2 sources of the resistors with different nomenclature.

Dale W4OP
----- Original Message -----
From: andreas.fuehrmann@... mailto:andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 1:36 PM
Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Seems as if my msg didm´t make it through the Yahoo system...
Changed R4 from 10m to 1M (labeling is NOT 1004 but 105!) , had to reduce voltage to 3.09 V. Now there is only a slight delay of about half a second left. Nice!
Thanks again, Dale!!!

Andy, DC3AFA

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☐ You're welcome Andy. For a quick fix you could just add the 1M SMD on top of the 10M.
This would not have happened if we still had color codes!

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From: andreas.fuehrmann@... mailto:andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 11:19 AM
Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Hi Dale,

and tnx for your quick response. It´s a great kit anyway. I will do some testing with the settings of R1.

tnx for your great support,
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Let's see what others are experiencing. I'll correct the parts list, but I am not seeing the C2 error- can you give me some more detail?

Tnx,
Dale W4OP

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From: andreas.fuehrmann@... mailto:andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 10:03 AM
Subject: [X1M_QRP-Transceiver] Strange behavior after AGC update

So I have finally got my AGC kit yesterday and found some time today getting all those tiny little parts together. OMG is it tiny! Without magnifying glasses I would have been lost... Getting the 4.17 volts at the testing point is a little bit difficult because the linear pot is very sensitive. There is a big difference with the AGC and using the radio is now

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One annoying thing appears each time I turn on the radio I have to wait about 10 sec until it has reached its final sound volume. It´s like a tube radio warming up.
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BTW there is a little typo in the part list with 2 times C2.

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2344. Re: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-17 02:34:25 UTC
From: Dale Parfitt
Topic: 2318 Message: 2344

Wonderful to hear. The X1M runs like a reral radio with the AGC doesn't it?
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 9:02 PM
Subject: RE: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Hi, I made both of Dale's mods tonight, used the 1 meg resistor, works like a charm!!! THANKS!!!

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐

Yes, I would now recommend the 1M. Still not sure why the difference- just curious at this point.

Dale
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 6:44 PM
Subject: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

So I need to change to the 1M to get the recommended outcome you had stated in the manual?

Sent from my iPhone

On Nov 16, 2013, at 18:16, "Dale Parfitt" <parinc1@...> wrote:

☐

I am looking into why the decay is longer with the kit than what it was with the proto board. I used the 1M and it sounds fine.

Dale
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 5:41 PM
Subject: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Ok! So I built the mod with the 10m as recommended. I don't think the delay will be a issue for me if it's just a "warm up" scenario. What do you recommend is the optimum setup?

Sent from my iPhone

On Nov 16, 2013, at 14:04, "Dale Parfitt" <parinc1@...> wrote:

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Yes, I had 2 sources of the resistors with different nomenclature.

Dale W4OP
----- Original Message -----
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To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 1:36 PM
Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Seems as if my msg didm´t make it through the Yahoo system...

Changed R4 from 10m to 1M (labeling is NOT 1004 but 105!) , had to reduce voltage to 3.09 V. Now there is only a slight delay of about half a second left. Nice!

Thanks again, Dale!!!

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This would not have happened if we still had color codes!

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tnx for your great support,

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Let's see what others are experiencing. I'll correct the parts list, but I am not seeing the C2 error- can you give me some more detail?

Tnx,
Dale W4OP

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From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 10:03 AM
Subject: [X1M_QRP-Transceiver] Strange behavior after AGC update

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2345. RE: Re: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-17 02:44:05 UTC
From: <lphebus@...>
Topic: 2318 Message: 2345

It's getting more real every day. This group is the best thing that ever happened to this radio! Thanks to all!

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☐ Wonderful to hear. The X1M runs like a reral radio with the AGC doesn't it?
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No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2346. Just Got my AGC Kit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-17 21:30:05 UTC
From: <ww8o@...>
Topic: 2346 Message: 2346

I just got my AGC Kit Saturday Hope I have time Monday to put it together and see how it works.
I have been working on 17 meter all weekend just taking me back to the old day when.
I had a HW8 and a HW16. Remember the good old days. an how I mod my hw16 and how much fun I had. Hope this give the same fun I had then.

WW8O Gary

2347. Re: [X1M_QRP-Transceiver] Just Got my AGC Kit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-17 23:17:26 UTC
From: Charlie , W5COV
Topic: 2346 Message: 2347

Hi Gary ,

Yes I still have an HW8 and HW16 that were my QRP/QRO CW rigs before I ran across a Yaesu FT-707S that wasn't working . It was cheap and is also only designed for 10 watts and had the WARC bands . I fixed it and it has been the great regular rig here until this X1M came out .

Now the X1M brought me new excitement and I enjoy operating it .With the AGC board , I also have the matching filter for the X1M . 17 meters has become my favorite band over the last year and I run one of Dale's Omniangle antennas on it and work everything I want to . So I have a nice 17 meter setup here .

30 meters is my second favorite place to hang out .

Hope to work you on 17.

Charlie , W5COV

On 11/17/2013 3:30 PM, ww8o@... wrote:
>
> I just got my AGC Kit Saturday Hope I have time Monday to put it
> together and see how it works.
>
> I have been working on 17 meter all weekend just taking me back to the
> old day when.
>
> I had a HW8 and a HW16. Remember the good old days. an how I mod my
> hw16 and how much fun I had. Hope this give the same fun I had then.
>
>
> WW8O Gary
>
>

2348. RE: AGC KIT QUESTION

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 01:28:23 UTC
From: <wkpres@...>
Topic: 2299 Message: 2348

The AGC kit from Dale has been completed, installed, and is working exactly as described. I am more that pleased with the result.

Although, I must say, now that I have reached 67, it seems that those SMD parts have gotten even smaller than I remember. Still, the kit went together nicely, and I settled on the 1 MOhm value for R4.

The SMD technology, as many have noted, is a bit of a challenge, especially for some of us "older" guys who don't see as well as we used to. I fabricated an SMD part holder using a section of metal coat hanger and a piece of 1 x 12 for a base. The metal has enough "spring" so that with a modest arch, a 10-12 inch section bent into an arch provides just enough pressure on the part and pc board to hold them while I solder, and the arch in the section of coat hanger can be increased or decreased to give just the right amount of pressure to hold things still. It is certainly not the most attractive, but it worked like a champ. I soldered with a WLC100 set on "3", and equipped with an ST-1 tip. I used the .020 solder, which is a bit larger than what some other folks are using, but it works well for me. A cheap, jeweler's lighted magnified visor from Amazon compensated for my 67 year oild eye's lack of clarity.

As you can see, none of my setup is what you would call expensive, but it gets the job done.

Bill
KK4KLU

---In X1M_QRP-Transceiver@yahoogroups.com, <cvest@...> wrote:

Since Dale has shipped out all of the AGC kit orders , I was curious if
the people that ordered them had yet put the kit together . If you have
do you also have it installed ?

If it is installed how did you find building the kit and installing it ?
Any problems or suggestions for those that may not have built theirs yet ??

Did you have any problems installing in and what are your overall
impressions of it ? Do the attack and decay times seem like a decent set
point ?

Feedback is always VERY important to see if you are happy with it and to
find out if there are better or easier ways to do things in the future .
Your experience building and installing it could benefit someone else or
perhaps help all of us find an easier or better way to install it .

Is anyone having difficulty with it at any point in the process ? Don't
be afraid to post a suggestion or a question on here . The goal is for
you to enjoy the X1M even more .

I would certainly be interested in hearing from EVERYONE that ordered a kit and see what stage they are at with it . Please post and share your experience with the rest of us .

GOOD DX !!
Charlie , W5COV

2349. Re: [X1M_QRP-Transceiver] RE: AGC KIT QUESTION

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 01:51:20 UTC
From: Joseph Westbrook
Topic: 2299 Message: 2349

So where does one pick up this AGC Kit? Will it work with any of the X1m Versions?

Thanks,
DE K7ZT - Joe

_____
From: "wkpres@..." <wkpres@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, November 17, 2013 7:28 PM
Subject: [X1M_QRP-Transceiver] RE: AGC KIT QUESTION

The AGC kit from Dale has been completed, installed, and is working exactly as described. I am more that pleased with the result.

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goal is for you to enjoy the X1M even more .I would certainly be interested in hearing from EVERYONE that ordered a kit and see what stage they are at with it . Please post and share your experience with the rest of us .GOOD DX !!Charlie , W5COV

2350. Re: [X1M_QRP-Transceiver] RE: AGC KIT QUESTION

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 02:06:06 UTC
From: Bill Maxwell
Topic: 2299 Message: 2350

I guess you will get a reply from Dale shortly, letting you know about the supply situation..

My kit arrived in the mail here in Australia today, thanks. One strange result though. Somehow in the order process I was annointed with a new first name, "Walter". Now, Walter Maxwell rings a bell but I don't think my fame will ever equal his. Are you are manitaining a database of kit purchasers, Dale? If so, might be best to give me back my name "William" so we can let Walter rest with his :)

73
Bill, VK7MX
On 18/11/2013 12:51 PM, Joseph Westbrook wrote:
>
>
> So where does one pick up this AGC Kit? Will it work with any of the
> X1m Versions?
> Thanks,
> DE K7ZT - Joe
>
> *From:* "wkpres@..." <wkpres@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Sunday, November 17, 2013 7:28 PM
> *Subject:* [X1M_QRP-Transceiver] RE: AGC KIT QUESTION
> The AGC kit from Dale has been completed, installed, and is working
> exactly as described. I am more that pleased with the result.
> Although, I must say, now that I have reached 67, it seems that those
> SMD parts have gotten even smaller than I remember. Still, the kit
> went together nicely, and I settled on the 1 MOhm value for R4.
> The SMD technology, as many have noted, is a bit of a challenge,
> especially for some of us "older" guys who don't see as well as we
> used to. I fabricated an SMD part holder using a section of metal
> coat hanger and a piece of 1 x 12 for a base. The metal has enough
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> arch provides just enough pressure on the part and pc board to hold
> them while I solder, and the arch in the section of coat hanger can be
> increased or decreased to give just the right amount of pressure to
> hold things still. It is certainly not the most attractive, but it
> worked like a champ. I soldered with a WLC100 set on "3",
> and equipped with an ST-1 tip. I used the .020 solder, which is a
> bit larger than what some other folks are using, but it works well for
> me. A cheap, jeweler's lighted magnified visor from Amazon
> compensated for my 67 year oild eye's lack of clarity.
> As you can see, none of my setup is what you would call expensive, but
> it gets the job done.

> Bill
> KK4KLU
> ---In X1M_QRP-Transceiver@yahoogroups.com, <cvest@...> wrote:
> Since Dale has shipped out all of the AGC kit orders , I was curious
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> or perhaps help all of us find an easier or better way to install it
> .Is anyone having difficulty with it at any point in the process ?
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> is for you to enjoy the X1M even more .I would certainly be interested
> in hearing from EVERYONE that ordered a kit and see what stage they
> are at with it . Please post and share your experience with the rest
> of us .GOOD DX !!Charlie , W5COV
>
>
>

2351. Walter Maxwell and the AGC Kit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 02:19:32 UTC
From: Dale Parfitt
Topic: 2351 Message: 2351

That's pretty good Bill- consider it an "upgrade".

I think what happened was we had just shipped some filters to a Walter Maxwell, and I still had that on my mind.

Or, it could just be a sign of impending feebleness.

As for the AGC kit, I am sold out, but looking at one of our members from OK to pick up the next round. Stay tuned.

Dale W4OP

----- Original Message -----
From: Bill Maxwell
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, November 17, 2013 9:06 PM
Subject: Re: [X1M_QRP-Transceiver] RE: AGC KIT QUESTION

I guess you will get a reply from Dale shortly, letting you know about the supply situation..

My kit arrived in the mail here in Australia today, thanks. One strange result though. Somehow in the order process I was annointed with a new first name, "Walter". Now, Walter Maxwell rings a bell but I don't think my fame will ever equal his. Are you are manitaining a database of kit purchasers, Dale? If so, might be best to give me back my name "William" so we can let Walter rest with his :)

73
Bill, VK7MX

On 18/11/2013 12:51 PM, Joseph Westbrook wrote:

So where does one pick up this AGC Kit? Will it work with any of the X1m Versions?

Thanks,
DE K7ZT - Joe

From: "wkpres@..." <wkpres@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, November 17, 2013 7:28 PM
Subject: [X1M_QRP-Transceiver] RE: AGC KIT QUESTION

The AGC kit from Dale has been completed, installed, and is working exactly as described. I am more that pleased with the result.

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Bill
KK4KLU

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2352. Re: [X1M_QRP-Transceiver] RE: AGC KIT QUESTION

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 02:45:01 UTC
From: Charlie , W5COV
Topic: 2299 Message: 2352

The AGC kit will work with any X1M version , however the audio gain mod must be done also .

How many people are currently interested , just to start getting an idea , in getting an AGC kit ?

We still also need to actually get one of the new run of PRO's in someones hands that can tell us whether or not the factory did indeed implement the audio mod in this production run .

Thanks ,
Charlie , W5COV

On 11/17/2013 7:51 PM, Joseph Westbrook wrote:
> So where does one pick up this AGC Kit? Will it work with any of the
> X1m Versions?
> Thanks,
> DE K7ZT - Joe
>
> *From:* "wkpres@..." <wkpres@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Sunday, November 17, 2013 7:28 PM
> *Subject:* [X1M_QRP-Transceiver] RE: AGC KIT QUESTION
> The AGC kit from Dale has been completed, installed, and is working
> exactly as described. I am more that pleased with the result.
> Although, I must say, now that I have reached 67, it seems that those
> SMD parts have gotten even smaller than I remember. Still, the kit
> went together nicely, and I settled on the 1 MOhm value for R4.
> The SMD technology, as many have noted, is a bit of a challenge,
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> used to. I fabricated an SMD part holder using a section of metal
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> them while I solder, and the arch in the section of coat hanger can be
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> hold things still. It is certainly not the most attractive, but it
> worked like a champ. I soldered with a WLC100 set on "3",
> and equipped with an ST-1 tip. I used the .020 solder, which is a
> bit larger than what some other folks are using, but it works well for
> me. A cheap, jeweler's lighted magnified visor from Amazon
> compensated for my 67 year oild eye's lack of clarity.
> As you can see, none of my setup is what you would call expensive, but
> it gets the job done.
> Bill
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> ---In X1M_QRP-Transceiver@yahoogroups.com, <cvest@...> wrote:
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> Don't be afraid to post a suggestion or a question on here . The goal
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> in hearing from EVERYONE that ordered a kit and see what stage they
> are at with it . Please post and share your experience with the rest
> of us .GOOD DX !!Charlie , W5COV
>

2353. Re: [X1M_QRP-Transceiver] RE: AGC KIT QUESTION

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 03:02:28 UTC
From: mikejmardis@...
Topic: 2299 Message: 2353

I'm on the list for the next batch of radios and will let you know as soon as it's in my hands.
Mike Mardis
N1SPZ

Sent from my iPhone

> On Nov 17, 2013, at 21:45, "Charlie , W5COV" <cvest@...> wrote:
>
> The AGC kit will work with any X1M version , however the audio gain mod must be done also .
>
> How many people are currently interested , just to start getting an idea , in getting an AGC kit ?
>
> We still also need to actually get one of the new run of PRO's in someones hands that can tell us whether or not the factory did indeed implement the audio mod in this production run .
>
> Thanks ,
> Charlie , W5COV
>
>> On 11/17/2013 7:51 PM, Joseph Westbrook wrote:
>>
>> So where does one pick up this AGC Kit? Will it work with any of the X1m Versions?
>>
>> Thanks,
>> DE K7ZT - Joe
>>
>> From: "wkpres@..." <wkpres@...>
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: Sunday, November 17, 2013 7:28 PM
>> Subject: [X1M_QRP-Transceiver] RE: AGC KIT QUESTION
>>
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>> Although, I must say, now that I have reached 67, it seems that those SMD parts have gotten even smaller than I remember. Still, the kit went together nicely, and I settled on the 1 MOhm value for R4.
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>> Bill
>> KK4KLU
>>
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>
>

2354. Re: Walter Maxwell and the AGC Kit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 03:13:16 UTC
From: Ian Coots
Topic: 2351 Message: 2354
Attachments: 1 described; binary payloads are missing from this source WARC

My Kit arrived in Oz today too. Thanks Dale.your work is greatly appreciated. Now to start my learning curve with SMD components

Regards,

Ian Coots (VK3YIC)

ausflag

2355. Re: [Bulk] Re: [X1M_QRP-Transceiver] RE: AGC KIT QUESTION

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 03:14:25 UTC
From: john
Topic: 2299 Message: 2355

i'd be interested in a kit if/when they're available again.

john - wa8qca

On 11/17/2013 09:45 PM, Charlie , W5COV wrote:
>
> The AGC kit will work with any X1M version , however the audio gain
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>
> How many people are currently interested , just to start getting an
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> Thanks ,
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>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> *Sent:* Sunday, November 17, 2013 7:28 PM
>> *Subject:* [X1M_QRP-Transceiver] RE: AGC KIT QUESTION
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>> with the rest of us .GOOD DX !!Charlie , W5COV
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>

2356. Re: [Bulk] Re: [X1M_QRP-Transceiver] RE: AGC KIT QUESTION

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 03:30:58 UTC
From: Joseph Westbrook
Topic: 2299 Message: 2356

Charlie:
Understand, I'm supposed to be getting my XM1 (used) from UPS tomorrow. I'm very interested in the mods that provide AGC capability to this radio.

Thanks!
De K7ZT - Joe

_____
From: john <jr12jackson@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, November 17, 2013 9:14 PM
Subject: Re: [Bulk] Re: [X1M_QRP-Transceiver] RE: AGC KIT QUESTION

i'd be interested in a kit if/when they're available again.

john - wa8qca

On 11/17/2013 09:45 PM, Charlie , W5COV wrote:

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>How many people are currently interested , just to start getting an idea , in getting an AGC kit ?
>
>We still also need to actually get one of the new run of PRO's in someones hands that can tell us whether or not the factory did indeed implement the audio mod in this production run .
>
>Thanks ,
>Charlie , W5COV
>
>
>On 11/17/2013 7:51 PM, Joseph Westbrook wrote:
>
>
>>So where does one pick up this AGC Kit? Will it work with any of the X1m Versions?
>>
>>Thanks,
>>DE K7ZT - Joe
>>
>>
>>From: mailto:wkpres@... mailto:wkpres@...
>>To: X1M_QRP-Transceiver@yahoogroups.com
>>Sent: Sunday, November 17, 2013 7:28 PM
>>Subject: [X1M_QRP-Transceiver] RE: AGC KIT QUESTION

>>
>>
>>The AGC kit from Dale has been completed, installed, and is working exactly as described. I am more that pleased with the result.
>>
>>Although, I must say, now that I have reached 67, it seems that those SMD parts have gotten even smaller than I remember. Still, the kit went together nicely, and I settled on the 1 MOhm value for R4.
>>
>>The SMD technology, as many have noted, is a bit of a challenge, especially for some of us "older" guys who don't see as well as we used to. I fabricated an SMD part holder using a section of metal coat hanger and a piece of 1 x 12 for a base. The metal has enough "spring" so that with a modest arch, a 10-12 inch section bent into an arch provides just enough pressure on the part and pc board to hold them while I solder, and the arch in the section of coat hanger can be increased or decreased to give just the right amount of pressure to hold things still. It is certainly not the most attractive, but it worked like a champ. I soldered with a WLC100 set on "3", and equipped with an ST-1 tip. I used the .020 solder, which is a bit larger than what some other folks are using, but it works well for me. A cheap, jeweler's lighted magnified visor from Amazon compensated for my 67 year oild eye's lack of clarity.
>>
>>As you can see, none of my setup is what you would call expensive, but it gets the job done.
>>
>>Bill
>>KK4KLU
>>
>>
>>---In X1M_QRP-Transceiver@yahoogroups.com, mailto:cvest@... wrote:
>>Since Dale has shipped out all of the AGC kit orders , I was curious if the people that ordered them had yet put the kit together . If you have do you also have it installed ? If it is installed how did you find building the kit and installing it ? Any problems or suggestions for those that may not have built theirs yet ?? Did you have any problems installing in and what are your overall impressions of it ? Do the attack and decay times seem like a decent set point ? Feedback is always VERY important to see if you are happy with it and to find out if there are better or easier ways to do things in the future . Your experience building and installing it could benefit someone else or perhaps help all of us find an easier or better way to install it . Is anyone having difficulty with it at any point in the process ? Don't be afraid to post a suggestion or a question on here . The goal is for you to enjoy the X1M even more . I would certainly be interested
in hearing from EVERYONE that ordered a kit and see what stage they are at with it . Please post and share your experience with the rest of us . GOOD DX !! Charlie , W5COV

2357. Re: [X1M_QRP-Transceiver] Re: Walter Maxwell and the AGC Kit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 03:36:03 UTC
From: Dale Parfitt
Topic: 2351 Message: 2357
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks for the update Ian- did I get your name correct on the label? Just checking.

Dale W4OP
----- Original Message -----
From: Ian Coots
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, November 17, 2013 10:13 PM
Subject: [X1M_QRP-Transceiver] Re: Walter Maxwell and the AGC Kit

My Kit arrived in Oz today too. Thanks Dale.your work is greatly appreciated. Now to start my learning curve with SMD components

Regards,

Ian Coots (VK3YIC)

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2358. Re: [Bulk] Re: [X1M_QRP-Transceiver] RE: AGC KIT QUESTION

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 03:40:58 UTC
From: Charlie , W5COV
Topic: 2299 Message: 2358

Very good Joe. Welcome to our fun world and a very friendly and helpful group. Once you have it in hand , we'll see what you have and help you with any mods that you might need help with . Will let everyone know when the AGC kits are once again in stock .

Charlie , W5COV

On 11/17/2013 9:30 PM, Joseph Westbrook wrote:
> Charlie:
> Understand, I'm supposed to be getting my XM1 (used) from UPS
> tomorrow. I'm very interested in the mods that provide AGC capability
> to this radio.
> Thanks!
> De K7ZT - Joe
>
> ⋆From:⋆ john <jr12jackson@...>
> ⋆To:⋆ X1M_QRP-Transceiver@yahoogroups.com
> ⋆Sent:⋆ Sunday, November 17, 2013 9:14 PM
> ⋆Subject:⋆ Re: [Bulk] Re: [X1M_QRP-Transceiver] RE: AGC KIT QUESTION
> i'd be interested in a kit if/when they're available again.
>
> john - wa8qca
>
> On 11/17/2013 09:45 PM, Charlie , W5COV wrote:
>> The AGC kit will work with any X1M version , however the audio gain
>> mod must be done also .
>>
>> How many people are currently interested , just to start getting an
>> idea , in getting an AGC kit ?
>>
>> We still also need to actually get one of the new run of PRO's in
>> someones hands that can tell us whether or not the factory did indeed
>> implement the audio mod in this production run .
>>
>> Thanks ,
>> Charlie , W5COV
>>
>> On 11/17/2013 7:51 PM, Joseph Westbrook wrote:
>>> So where does one pick up this AGC Kit? Will it work with any of
>>> the X1m Versions?
>>> Thanks,
>>> DE K7ZT - Joe
>>>
>>> ⋆From:⋆ mailto:wkpres@... mailto:wkpres@...
>>> ⋆To:⋆ X1M_QRP-Transceiver@yahoogroups.com

>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>>> *Sent:* Sunday, November 17, 2013 7:28 PM
>>> *Subject:* [X1M_QRP-Transceiver] RE: AGC KIT QUESTION
>>> The AGC kit from Dale has been completed, installed, and is working
>>> exactly as described. I am more that pleased with the result.
>>> Although, I must say, now that I have reached 67, it seems that
>>> those SMD parts have gotten even smaller than I remember. Still,
>>> the kit went together nicely, and I settled on the 1 MOhm value for R4.
>>> The SMD technology, as many have noted, is a bit of a challenge,
>>> especially for some of us "older" guys who don't see as well as we
>>> used to. I fabricated an SMD part holder using a section of metal
>>> coat hanger and a piece of 1 x 12 for a base. The metal has enough
>>> "spring" so that with a modest arch, a 10-12 inch section bent into
>>> an arch provides just enough pressure on the part and pc board to
>>> hold them while I solder, and the arch in the section of coat hanger
>>> can be increased or decreased to give just the right amount of
>>> pressure to hold things still. It is certainly not the most
>>> attractive, but it worked like a champ. I soldered with a WLC100
>>> set on "3", and equipped with an ST-1 tip. I used the .020 solder,
>>> which is a bit larger than what some other folks are using, but it
>>> works well for me. A cheap, jeweler's lighted magnified visor from
>>> Amazon compensated for my 67 year oild eye's lack of clarity.
>>> As you can see, none of my setup is what you would call expensive,
>>> but it gets the job done.
>>> Bill
>>> KK4KLU
>>> ---In X1M_QRP-Transceiver@yahoogroups.com
>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>, mailto:cvest@... wrote:
>>> Since Dale has shipped out all of the AGC kit orders , I was curious
>>> if the people that ordered them had yet put the kit together . If
>>> you have do you also have it installed ? If it is installed how did
>>> you find building the kit and installing it ? Any problems or
>>> suggestions for those that may not have built theirs yet ?? Did you
>>> have any problems installing in and what are your overall
>>> impressions of it ? Do the attack and decay times seem like a decent
>>> set point ? Feedback is always VERY important to see if you are
>>> happy with it and to find out if there are better or easier ways to
>>> do things in the future . Your experience building and installing it
>>> could benefit someone else or perhaps help all of us find an easier
>>> or better way to install it . Is anyone having difficulty with it at
>>> any point in the process ? Don't be afraid to post a suggestion or a
>>> question on here . The goal is for you to enjoy the X1M even more .
>>> I would certainly be interested in hearing from EVERYONE that
>>> ordered a kit and see what stage they are at with it . Please post
>>> and share your experience with the rest of us . GOOD DX !! Charlie ,
>>> W5COV
>

2359. AGC Kit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 04:33:16 UTC
From: <disklog@...>
Topic: 2359 Message: 2359

Nice job on the AGC kit, Great quality board, silkscreening and mask. It went together easily with no issues. Only one major problem.....I have the board completed, I guess I should order the radio to put it in! I have been waiting until the next batch is received and comments made, to see if suggestions have been implemented. it is getting harder and harder to hold off ordering, you guys sound like you are having a blast with it.
Anyway, thanks again for all the effort that was put in to design this nice addition to the radio.

2360. Member Intro's

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 06:51:41 UTC
From: Charlie , W5COV
Topic: 2360 Message: 2360

With an expected influx of many new members when this shipment gets to its respective locations , I myself and I think most people like to get to know a little about the members . I am still trying to get acquainted with all of the current members and get to know a little about them . Some of you , I have met on other groups , others I have met through this group only . Many of you I have found we have many common interests , which is always nice to know .

I have been amazed how many members that I have met that share a real interest in the MF/LF frequencies , with me , chasing NDB's , NAVTEX , part 5 and part 15 stations and beacons . Many also share an interest in QRSS and WSPR as I do . I run a part 15 lowfer beacon running QRSS60 on 185.2984 kHz. , running 24/7 . Any reports or captures would also be appreciated . I love to listen to 1296 moonbounce from Dale's (W4OP) station .

However I have a terrible memory for names and calls , plus we have several people that share the same name . So it sure would be appreciated by this old man with a swiss cheese type memory , if you post you name and call if you have one , or name and location so I can attempt to burn them into my old memory .

This is such a friendly and helpful group for all of its members , I hate to just say hey you , or not knowing your name , call or location , I can't read back through the archives and comment on your post or hopefully offer you an answer or solution to an issues , should you have one . Makes me feel like more of a personal connection . This group is a BIG part of my social life , since I am an old bachelor and pretty much home bound , it also makes me feel like I am talking to one of my friends . This group is a good part of people that I consider my friends these days . I have even chatted with some of you on the phone , which has been great !!

I also enjoy building just about anything electronic , especially if it is radio related .

Hope to get better acquainted with even more of you !!

Charlie , W5COV
South Coffeyville , Oklahoma , EM26ex , pretty much right in the center of the continental USA

2361. X1M and digimodes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 07:53:26 UTC
From: Christian Hilgers
Topic: 2361 Message: 2361

Dear all,

as a newbie I hopefully do not start with a FAQ. But I did not find an answer yet.

I found the X1M looks quite interesting from price and technical data, compared with FT-817. I am looking for a portable TRX for use during camping.
I want to to SSB and Digimodes and maybe some CW mainly on the shortwave bands.
I know only FT-817 has 144MHz and 430MHz included.

I hope some of you did or still do digimodes like PSK31 with the X1M and can provide some details on how it works.
Is the QRG stable enough for Digimodes?

Looking forward to answers

Chris = DG7PC

2362. Re: [X1M_QRP-Transceiver] X1M and digimodes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 08:13:37 UTC
From: Charlie , W5COV
Topic: 2361 Message: 2362

Hi Chris ,

Yes I use it on QRSS often so it is plenty stable enough to handle any digital mode I am aware of . We have several members running digital modes . Paul has an article on a simple cable interface for a SignaLink USB . We have others that have also built their own interfaces .

If you will carefully go through the photo section there are some pictures there of home built interfaces . You didn't say what you planned to do about interfacing for digital modes .

Also in the files sections there is some information on using it on digital modes .

A little browsing in the files and photos section for this group , should give you a lot of information on using it on digital modes .

Also if you can tell us more about how or what you plan to use for a digital interface we have many people that will be more than willing to help you .

As for SSB and CW many of us use it daily for those modes . There is an AGC kit that was designed by a group member , that improves the receiver . You will also see that a matching CW/SSB filter made by Xiegu , especially for the size of the X1M is available as an accessory . You can view it on our USA distributors web page at www.importcommunications.com Ed has a box in the upper left corner of his home page and select Xiegu from it and accessories and you can find the filter and a very nice interface cable for doing firmware updates and rig control with HRD . If you are a serious CW operator the filter is a nice addition .

I am sure Lee , Paul , and some of the other fellows that are more serious digital operators than I am will answer any further questions that you might have later today here .

Charlie , W5COV

On 11/18/2013 1:53 AM, Christian Hilgers wrote:
> Dear all,
>
> as a newbie I hopefully do not start with a FAQ. But I did not find an
> answer yet.
>
> I found the X1M looks quite interesting from price and technical data,
> compared with FT-817. I am looking for a portable TRX for use during
> camping.

> I want to to SSB and Digimodes and maybe some CW mainly on the
> shortwave bands.
> I know only FT-817 has 144MHz and 430MHz included.
>
> I hope some of you did or still do digimodes like PSK31 with the X1M
> and can provide some details on how it works.
> Is the QRG stable enough for Digimodes?
>
> Looking forward to answers
>
> Chris = DG7PC
>

2363. Re: X1M and digimodes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 13:55:28 UTC
From: Paul W. Ross
Topic: 2361 Message: 2363

I used my X1M for digital modes (40 and 20) for a "lighthouse" activation event before it went "belly up" with great success. You just have to remember to "dial back" the drive level to the X1M to keep the power output down to reasonable levels, as the digital mode are effectively "key down." I use a SignaLink USB interface that I had configured for my Alinco DX-SR8 for SSTV. Just used 1/2 of a Ethernet cable, and the stereo plug that came with the radio. Works like a charm. Can't wait to get my replacement X1M back! Anybody heard anything about new shipment from China??

73 /paul W3FIS

2364. Re: [X1M_QRP-Transceiver] Re: X1M and digimodes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 14:25:06 UTC
From: Joseph Westbrook
Topic: 2361 Message: 2364

Paul:
What control did you use to "dial back" the drive level? Was it the SignalLink, PC Mic Mixer, or the XM1? I'm looking to use my XM1 on the digital modes. Can you suggest some rule of thumb techniques for setting this level so I won't fry mine?

Thanks,
DE K7ZT - Joe

From: Paul W. Ross <deadgoose@comcast.net>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, November 18, 2013 7:55 AM
Subject: [X1M_QRP-Transceiver] Re: X1M and digimodes

I used my X1M for digital modes (40 and 20) for a "lighthouse" activation event before it went "belly up" with great success. You just have to remember to "dial back" the drive level to the X1M to keep the power output down to reasonable levels, as the digital mode are effectively "key down." I use a SignaLink USB interface that I had configured for my Alinco DX-SR8 for SSTV. Just used 1/2 of a Ethernet cable, and the stereo plug that came with the radio. Works like a charm. Can't wait to get my replacement X1M back! Anybody heard anything about new shipment from China??

73 /paul W3FIS

2365. Question re: CW fault in original X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 14:50:09 UTC
From: <pal350@...>
Topic: 2365 Message: 2365

It looks like many of the faults in the original X1M have been addressed, but I haven't been able to find any reference to whether the CW glitch has been fixed.

See post #405 for another owner's description of the problem, and my post #406 for a WAV file example. Basically, when sending CW either using the keyer or straight key, the power would drop in a cyclic manner. At the other end, the listener would hear that as dropped characters.

Has the new firmware fixed this?

I no longer have a radio, but might consider getting the new version if the CW works correctly.

2366. Re: [X1M_QRP-Transceiver] Re: X1M and digimodes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 15:25:56 UTC
From: Bastress, David G
Topic: 2361 Message: 2366

GM Joe,

I hope you don't mind me throwing in my 2 cents. Normally you need to run most digital modes at about the same power level as you would the AM carrier if running AM. Typically that is about 25% of your max ,or CW, power output. So that would be about 1.25 Watts out for the X1M.

Many digital modes require ,or work best, with a relatively linear TX output plus many are fairly long duty cycle so the TX components can get hot if you push them too hard.

As for where to control the TX power, the SLUSB TX level control is the place to do that. You can't really dial back the PC mixer control as then the SLUSB may not get enough audio out of the computer to reliably activate its VOX circuit to put your X1M into 'TX'.

FWIW

Dave K3GAU

On Mon, Nov 18, 2013 at 9:25 AM, Joseph Westbrook <k7zt@...> wrote:

>
>
> Paul:
> What control did you use to "dial back" the drive level? Was it the
> SignalLink, PC Mic Mixer, or the XM1? I'm looking to use my XM1 on the
> digital modes. Can you suggest some rule of thumb techniques for setting
> this level so I won't fry mine?
>
> Thanks,
> DE K7ZT - Joe
>
> *From:* Paul W. Ross <deadgoose@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Monday, November 18, 2013 7:55 AM
> *Subject:* [X1M_QRP-Transceiver] Re: X1M and digimodes
>
> I used my X1M for digital modes (40 and 20) for a "lighthouse"
> activation event before it went "belly up" with great success. You just
> have to remember to "dial back" the drive level to the X1M to keep the
> power output down to reasonable levels, as the digital mode are
> effectively "key down." I use a SignaLink USB interface that I had
> configured for my Alinco DX-SR8 for SSTV. Just used 1/2 of a Ethernet
> cable, and the stereo plug that came with the radio. Works like a charm.
> Can't wait to get my replacement X1M back! Anybody heard anything about
> new shipment from China??

>
> 73 /paul W3FIS
>
>
>

2367. RE: Re: [X1M_QRP-Transceiver] Re: X1M and digimodes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 15:57:58 UTC
From: <lphebus@...>
Topic: 2361 Message: 2367

Another 2 cents worth... I mostly run WSPR (10,20 and 40 meters) using the X1M but have also done a little PSK-31. I agree that the interface TX level adjustment is the place to modify the TX Wattage. I find that the X1M is remarkably rugged with respect to the output overheating. I have run 2 or more back-to-back WSPR transmitting sessions (2 minutes each) at full 5+ Watts output (measured on my Diamond SX-200 meter) with no issues. I have run the rig on WSPR with a 2 minute transmission every 10 minutes all night, again without any issues. I have sent long PSK-31 transmissions, at full power without any issues. In all cases I had great success being copied by scores of US stations as well as those in Europe, Argentina, Japan, Phillipines and Australia. I assume this means my signal was not distorted despite the extended transmissions at max power. It is my opinion that the X1M can handle high power/high duty cycle use. Of course, each rig is a little different... and there is such a thing as overdriving it. I look at the Wattmeter and turn up the TX drive. The output rises and then plateaus. When I see the plateau, I back of a little and that is my power level.

---In X1M_QRP-Transceiver@yahoogroups.com, <bastress@...> wrote:

GM Joe,

I hope you don't mind me throwing in my 2 cents. Normally you need to run most digital modes at about the same power level as you would the AM carrier if running AM. Typically that is about 25% of your max ,or CW, power output. So that would be about 1.25 Watts out for the X1M.

Many digital modes require ,or work best, with a relatively linear TX output plus many are fairly long duty cycle so the TX components can get hot if you push them too hard.

As for where to control the TX power, the SLUSB TX level control is the place to do that. You can't really dial back the PC mixer control as then the SLUSB may not get enough audio out of the computer to reliably activate its VOX circuit to put your X1M into 'TX'.

FWIW

Dave K3GAU

On Mon, Nov 18, 2013 at 9:25 AM, Joseph Westbrook <k7zt@... mailto:k7zt@...> wrote:
Paul:
What control did you use to "dial back" the drive level? Was it the SignalLink, PC Mic Mixer, or the XM1? I'm looking to use my XM1 on the digital modes. Can you suggest some rule of thumb techniques for setting this level so I won't fry mine?

Thanks,
DE K7ZT - Joe

From: Paul W. Ross <deadgoose@... mailto:deadgoose@...>
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, November 18, 2013 7:55 AM

Subject: [X1M_QRP-Transceiver] Re: X1M and digimodes

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73 /paul W3FIS

2368. Looking for the early X1M kit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 16:07:53 UTC
From: kf9cm
Topic: 2368 Message: 2368

Does anyone have the first X1M kit that they want to sell?
Please contact via email.

73 Gary,KF9CM

2369. Re: [X1M_QRP-Transceiver] Re: X1M and digimodes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 16:08:42 UTC
From: Joseph Westbrook
Topic: 2361 Message: 2369

Dave:
Thanks so much for your comprehensive response! I never thought much about it in the past as the radios were a bit more robust and my data use was very light. I will be using a RigBlaster Pro so I will be able to reduce the TX Level from there. Additionally, I suppose I need to get on with the QRP Amp Project that I've been putting off for so long.

Regards,
- Joe

From: "Bastress, David G" <bastress@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, November 18, 2013 9:25 AM
Subject: Re: [X1M_QRP-Transceiver] Re: X1M and digimodes

GM Joe,

I hope you don't mind me throwing in my 2 cents. Normally you need to run most digital modes at about the same power level as you would the AM carrier if running AM. Typically that is about 25% of your max ,or CW, power output. So that would be about 1.25 Watts out for the X1M.

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FWIW

Dave K3GAU
On Mon, Nov 18, 2013 at 9:25 AM, Joseph Westbrook <k7zt@...> wrote:

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>Thanks,
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>
>From: Paul W. Ross <deadgoose@...>
>To: X1M_QRP-Transceiver@yahoogroups.com
>Sent: Monday, November 18, 2013 7:55 AM
>Subject: [X1M_QRP-Transceiver] Re: X1M and digimodes

>
>
>I used my X1M for digital modes (40 and 20) for a "lighthouse" activation event before it went "belly up" with great success. You just have to remember to "dial back" the drive level to the X1M to keep the power output down to reasonable levels, as the digital mode are effectively "key down." I use a SignaLink USB interface that I had configured for my Alinco DX-SR8 for SSTV. Just used 1/2 of a Ethernet cable, and the stereo plug that came with the radio. Works like a charm. Can't wait to get my replacement X1M back! Anybody heard anything about new shipment from China??73 /paul W3FIS

2370. RE: RE: Re: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 16:15:25 UTC
From: <lphebus@...>
Topic: 2318 Message: 2370

One more thing I noticed after installing the AGC, not a problem but a "feature"... As others have reported, when you switch the radio on, there is a one second or so delay in the audio appearing. Also, the happy little music the radio played upon startup is gone, as might be expected due to the delayed audio. What I found unexpected is that the display does not light up until the audio starts. It used to light right away, when the "happy beeps" were occurring. I can hear a relay click just as the audio starts and the display lights. So, I guess the X1M somehow monitors the audio circuit to start the display?

Again, no issue, just a surprise to me. I do miss those "happy beeps" though ;-)

---In X1M_QRP-Transceiver@yahoogroups.com, <lphebus@...> wrote:

It's getting more real every day. This group is the best thing that ever happened to this radio! Thanks to all!

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Wonderful to hear. The X1M runs like a reral radio with the AGC doesn't it?
----- Original Message -----
From: lphebus@... mailto:lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 9:02 PM
Subject: RE: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Hi, I made both of Dale's mods tonight, used the 1 meg resistor, works like a charm!!! THANKS!!!

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Sent: Saturday, November 16, 2013 6:44 PM
Subject: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

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To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 1:36 PM
Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Seems as if my msg didm´t make it through the Yahoo system...
Changed R4 from 10m to 1M (labeling is NOT 1004 but 105!) , had to reduce voltage to 3.09 V. Now there is only a slight delay of about half a second left. Nice!
Thanks again, Dale!!!

Andy, DC3AFA

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2371. AGC Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 16:29:48 UTC
From: Dale Parfitt
Topic: 2371 Message: 2371

I think my rig has always taken 1/2 second or so to light up after turned on. I still hear the start up tones right as the display lights up.
I can think of no reason why they should be muted.

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Sent: Monday, November 18, 2013 11:15 AM
Subject: RE: RE: Re: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

One more thing I noticed after installing the AGC, not a problem but a "feature"... As others have reported, when you switch the radio on, there is a one second or so delay in the audio appearing. Also, the happy little music the radio played upon startup is gone, as might be expected due to the delayed audio. What I found unexpected is that the display does not light up until the audio starts. It used to light right away, when the "happy beeps" were occurring. I can hear a relay click just as the audio starts and the display lights. So, I guess the X1M somehow monitors the audio circuit to start the display?

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2372. RE: AGC Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 16:40:30 UTC
From: <lphebus@...>
Topic: 2371 Message: 2372

I was surprised too. But more so by the delayed display. Anyway, it is a curiosity, not an issue for me. Maybe I did not get the display panel seated just right. I'll check,

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2373. RE: RE: AGC Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 16:46:48 UTC
From: <lphebus@...>
Topic: 2371 Message: 2373

Found the "problem"... I had the "mute" switched on. I have not yet updated the firmware and the mute switch did not seem to effect any parameters. It had no effect on the RX audio. Now i know what it does, gets rid of the startup tones!

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Sent: Saturday, November 16, 2013 11:19 AM
Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Hi Dale,

and tnx for your quick response. It´s a great kit anyway. I will do some testing with the settings of R1.

tnx for your great support,
Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com mailto:x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

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My rig comes up immediately. I did see slow startup on some previous circuits, but not this one. I am also using the 10M timing resistor.
Let's see what others are experiencing. I'll correct the parts list, but I am not seeing the C2 error- can you give me some more detail?

Tnx,
Dale W4OP

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Sent: Saturday, November 16, 2013 10:03 AM
Subject: [X1M_QRP-Transceiver] Strange behavior after AGC update

So I have finally got my AGC kit yesterday and found some time today getting all those tiny little parts together. OMG is it tiny! Without magnifying glasses I would have been lost...
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One annoying thing appears each time I turn on the radio I have to wait about 10 sec until it has reached its final sound volume. It´s like a tube radio warming up.
Maybe this is related to the fact that I built the kit with the 10 M option for resistor R4.
Is this a regular behavior or did I mess up some of those tiny little parts?
BTW there is a little typo in the part list with 2 times C2.

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2374. Re: [X1M_QRP-Transceiver] RE: AGC Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 16:48:36 UTC
From: Dale Parfitt
Topic: 2371 Message: 2374

Also look at your sidetone pot level- could it have inadvertently gotten turned down? The AGC only controls the gain of the MC1350.

Dale W4OP

To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, November 18, 2013 11:40 AM
Subject: [X1M_QRP-Transceiver] RE: AGC Update

I was surprised too. But more so by the delayed display. Anyway, it is a curiosity, not an issue for me. Maybe I did not get the display panel seated just right. I'll check,

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
I think my rig has always taken 1/2 second or so to light up after turned on. I still hear the start up tones right as the display lights up.
I can think of no reason why they should be muted.

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, November 18, 2013 11:15 AM
Subject: RE: RE: Re: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

One more thing I noticed after installing the AGC, not a problem but a "feature"... As others have reported, when you switch the radio on, there is a one second or so delay in the audio appearing. Also, the happy little music the radio played upon startup is gone, as might be expected due to the delayed audio. What I found unexpected is that the display does not light up until the audio starts. It used to light right away, when the "happy beeps" were occurring. I can hear a relay click just as the audio starts and the display lights. So, I guess the X1M somehow monitors the audio circuit to start the display?

Again, no issue, just a surprise to me. I do miss those "happy beeps" though ;-)

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It's getting more real every day. This group is the best thing that ever happened to this radio! Thanks to all!

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Wonderful to hear. The X1M runs like a reral radio with the AGC doesn't it?
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From: lphebus@...
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Sent: Saturday, November 16, 2013 9:02 PM
Subject: RE: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Hi, I made both of Dale's mods tonight, used the 1 meg resistor, works like a charm!!! THANKS!!!

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Yes, I would now recommend the 1M. Still not sure why the difference- just curious at this point.

Dale
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 6:44 PM
Subject: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

So I need to change to the 1M to get the recommended outcome you had stated in the manual?

Sent from my iPhone

On Nov 16, 2013, at 18:16, "Dale Parfitt" <parinc1@...> wrote:

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I am looking into why the decay is longer with the kit than what it was with the proto board. I used the 1M and it sounds fine.

Dale
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 5:41 PM
Subject: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Ok! So I built the mod with the 10m as recommended. I don't think the delay will be a issue for me if it's just a "warm up" scenario. What do you recommend is the optimum setup?

Sent from my iPhone

On Nov 16, 2013, at 14:04, "Dale Parfitt" <parinc1@...> wrote:

☐

Yes, I had 2 sources of the resistors with different nomenclature.

Dale W4OP
----- Original Message -----
From: andreas.fuehrmann@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 1:36 PM

Subject: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

Seems as if my msg didm´t make it through the Yahoo system...

Changed R4 from 10m to 1M (labeling is NOT 1004 but 105!) , had to reduce voltage to 3.09 V. Now there is only a slight delay of about half a second left. Nice!

Thanks again, Dale!!!

Andy, DC3AFA

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This would not have happened if we still had color codes!

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Let's see what others are experiencing. I'll correct the parts list, but I am not seeing the C2 error- can you give me some more detail?

Tnx,
Dale W4OP

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To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 16, 2013 10:03 AM
Subject: [X1M_QRP-Transceiver] Strange behavior after AGC update

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2375. Re: [X1M_QRP-Transceiver] RE: RE: AGC Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 16:49:21 UTC
From: Dale Parfitt
Topic: 2371 Message: 2375

That's news to me also.

Tnx,

Dale W4OP

----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, November 18, 2013 11:46 AM
Subject: [X1M_QRP-Transceiver] RE: RE: AGC Update

Found the "problem"... I had the "mute" switched on. I have not yet updated the firmware and the mute switch did not seem to effect any parameters. It had no effect on the RX audio. Now i know what it does, gets rid of the startup tones!

---In X1M_QRP-Transceiver@yahoogroups.com, <lphebus@...> wrote:

I was surprised too. But more so by the delayed display. Anyway, it is a curiosity, not an issue for me. Maybe I did not get the display panel seated just right. I'll check,

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Subject: RE: RE: Re: Re: [X1M_QRP-Transceiver] RE: Strange behavior after AGC update

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2376. RE: X1M and digimodes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 18:23:14 UTC
From: <deadgoose@...>
Topic: 2361 Message: 2376

The SignaLink USB interface has THREE knobs on the front:

TX -- sets level of modulation (THIS is what you set back). See this discussion in the <gasp> SignalLink documentation, as well as setting it so that peak levels are maybe 25% of full output (CW). A cheap "CB" SWR meter is especially helpful here, even if you have an automatic tuner.

RX - receive side gain -- set for a good signal in the waterfall.

DLY - "hang time" -- which is important in "keyed" modes like Hellschreiber, where on-off keying is effectively taking place. For PSK-31, Olivia, etc., this is not a concern. For SSTV and Hellschreiber, there may be a slight pause between characters/frames, and you don't want the radio to go into receive.

---In x1m_qrp-transceiver@yahoogroups.com, <k7zt@...> wrote:

Paul:
What control did you use to "dial back" the drive level? Was it the SignalLink, PC Mic Mixer, or the XM1? I'm looking to use my XM1 on the digital modes. Can you suggest some rule of thumb techniques for setting this level so I won't fry mine?

Thanks,
DE K7ZT - Joe

From: Paul W. Ross <deadgoose@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, November 18, 2013 7:55 AM
Subject: [X1M_QRP-Transceiver] Re: X1M and digimodes

I used my X1M for digital modes (40 and 20) for a "lighthouse"
activation event before it went "belly up" with great success. You just
have to remember to "dial back" the drive level to the X1M to keep the
power output down to reasonable levels, as the digital mode are
effectively "key down." I use a SignaLink USB interface that I had
configured for my Alinco DX-SR8 for SSTV. Just used 1/2 of a Ethernet
cable, and the stereo plug that came with the radio. Works like a charm.
Can't wait to get my replacement X1M back! Anybody heard anything about
new shipment from China??

73 /paul W3FIS

2377. speaker mod

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 18:27:39 UTC
From: <ww8o@...>
Topic: 2377 Message: 2377

I know there was a mod on the external speaker and I can not fine it I see there two picture but they will not come could some one help?

working on the AGC kit small that not the word but micro is the word haha.

WW8O Gary

2378. Re: [X1M_QRP-Transceiver] speaker mod

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 18:41:26 UTC
From: Dale Parfitt
Topic: 2377 Message: 2378

Hi Gary,
In my Photos file (w4op) check out the third photo- it shows exactly where to place the short in order to be able to get full volume to an external speaker.
http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/photos/albums/38547135/lightbox/295624804
Still works fine with headphones.
Note this is NOT the mod for increasing the gain of the LM380 by 12dB which is necessary for the AGC mod.

Dale W4OP
----- Original Message -----
From: ww8o@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, November 18, 2013 1:27 PM
Subject: [X1M_QRP-Transceiver] speaker mod

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2379. Re: [X1M_QRP-Transceiver] Question re: CW fault in original X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 19:20:40 UTC
From: Charlie , W5COV
Topic: 2365 Message: 2379

That issue was sent to the company and they indicated that it has / is being addressed . None of us have yet received the version of firmware that is in this production run , but the company was going to change it and they have been very good so far on following up on their changes .

Charlie , W5COV

On 11/18/2013 8:50 AM, pal350@... wrote:
>
> It looks like many of the faults in the original X1M have been
> addressed, but I
> haven't been able to find any reference to whether the CW glitch has
> been fixed.
>
> See post #405 for another owner's description of the problem, and my
> post #406
> for a WAV file example. Basically, when sending CW either using the
> keyer or
> straight key, the power would drop in a cyclic manner. At the other
> end, the
> listener would hear that as dropped characters.
>
> Has the new firmware fixed this?
>
> I no longer have a radio, but might consider getting the new version
> if the CW
> works correctly.
>
>

2380. Re: UK Calling - User Guide ☐ AGC Kit Question and Widgets!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 19:44:13 UTC
From: m5zzr@btinternet.com
Topic: 2236 Message: 2380

Thanks Mark, Dale, Stephen and Mike for the RF source suggestions ☐ plenty for me to go on there. What a helpful group. Apologies for the delayed reply but work has got in the way.

I've had my X1M Pro for about 2 weeks now. I'm still surprised every time I turn it on; how super is this little radio?

If there are no stations present, it's silent. The noise floor is rock bottom but in the presence of even quite weak stations it seems to burst into life. So far I've only transmitted on 80 and 40 meters. I've tried on 10 but we have little in the way of inter-G on 10 and 5 watts with a vertical isn't quite a DX setup, but I'll get there.

Apparently I was lucky to obtain one of the first few radios to hit our shores! The UK supplier that I purchased from quickly sold out. I have no performance issues with my radio. It does everything it could be expected to do and more. There were a few loose bits but this was all quickly resolved.

Incidentally, the F buttons especially F3 were pretty unreliable. In the event I removed the front panel to investigate; there is a small board behind the front panel that acts as a guide for the buttons, but in my radio it was floating and this appeared to be the problem. My solution was to stick four tiny pads of foam rubber on the front of the board only about 1mm thick. These are compressed by the re-fitting of the front panel, thereby curtailing any further movement. The result is that all the buttons now have a nice, positive feel.

In the process I replaced the control knobs with the most appealing that I had to hand; slightly larger on the encoder does feel more satisfying. Mine are the grub screw variety of knob rather than the push fit type originally fitted. I inserted a sliver of 1mm aluminium sheet in the slotted shafts to prevent the shafts from compressing under the action of the grub screw. I also re- coloured LK/SYS button as I had a tendency to hit this one instead of F5 by mistake.

I differ from others in my response to the audio output from the radio. Maybe mine is an exception to the rule but I have lots of audio from my speaker ☐ so much so that I can increase it to distortion. Maybe this will cease to be the case when the AGC mod is done, but for now it requires no modification. My kit is on order from Dale.

Although my radio doesn't appear to actually need any extra audio I still prefer to listen through a little amplified re-chargeable `X-mini' IPhone speaker ☐ I use the volume on the radio as

if it were RF gain and the volume on the speaker as AF gain.

By the way, upon pressing and holding F5, I note that I have version V1.01b USA ☐ Oct 14 2013 firmware so I guess that this batch of UK radios came via the USA? Does this ring any bells with you Ed? My S/N# is 1066.

I've made a few adjustments to the supplied microphone and also made up a PTT widget for a PC type microphone. Both seem to work equally well and receive good audio reports.

I'm not sure if I understand the modus operandi of the microphone circuit (I'm just a hobbyist) but it appears to me that PTT switches about 5v from the ring to sleeve activating the Tx relay and also a switching-in a bias of about 5v to the tip. I'm guessing (without foundation) that the LED might be a voltage divider, although I don't know why one should be necessary?

If anyone could clarify what's going on here I would really like to understand it better.

I've made a stand for my radio; it's not as grand as others on here but it does the job. It's a simple folded and riveted aluminium sheet and the radio attaches to it with HD Velcro.

Using this method I should be able to easily and securely switch between mounts that I have yet to make ☐ dashboard, handlebar, hmmm - armband etc. or maybe also use it to attach an ATU, a meter or a battery pack.

I've posted some pictures of my menial widget offerings to date.

73 to all. Mel. M5ZZR

2381. Re: [X1M_QRP-Transceiver] Re: UK Calling - User Guid e - AGC Kit Question and Widgets!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 19:54:10 UTC
From: Dale Parfitt
Topic: 2381 Message: 2381

Hi Mel,
I was two days late in getting your kit out- my fault as I thought I had ordered the parts but had failed to press the final "Place Order" button.
You will need to do the LM380 mod in order for the AGC to kick in at the correct level.

73,

Dale W4OP
----- Original Message -----
From: m5zzr@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, November 18, 2013 2:44 PM
Subject: [X1M_QRP-Transceiver] Re: UK Calling - User Guide - AGC Kit Question and Widgets!

Thanks Mark, Dale, Stephen and Mike for the RF source suggestions - plenty for me to go on there. What a helpful group. Apologies for the delayed reply but work has got in the way.

I've had my X1M Pro for about 2 weeks now. I'm still surprised every time I turn it on; how super is this little radio?

If there are no stations present, it's silent. The noise floor is rock bottom but in the presence of even quite weak stations it seems to burst into life. So far I've only transmitted on 80 and 40 meters. I've tried on 10 but we have little in the way of inter-G on 10 and 5 watts with a vertical isn't quite a DX setup, but I'll get there.

Apparently I was lucky to obtain one of the first few radios to hit our shores! The UK supplier that I purchased from quickly sold out. I have no performance issues with my radio. It does everything it could be expected to do and more. There were a few loose bits but this was all quickly resolved.

Incidentally, the F buttons especially F3 were pretty unreliable. In the event I removed the front panel to investigate; there is a small board behind the front panel that acts as a guide for the buttons, but in my radio it was floating and this appeared to be the problem. My solution was to stick four tiny pads of foam rubber on the front of the board only about 1mm thick. These are compressed by the re-fitting of the front panel, thereby curtailing any further movement. The result is that all the buttons now have a nice, positive feel.

In the process I replaced the control knobs with the most appealing that I had to hand; slightly larger on the encoder does feel more satisfying.

Mine are the grub screw variety of knob rather than the push fit type originally fitted. I inserted a sliver of 1mm aluminium sheet in the slotted shafts to prevent the shafts from compressing under the action of the grub screw. I also re- coloured LK/SYS button as I had a tendency to hit this one instead of F5 by mistake.

I differ from others in my response to the audio output from the radio. Maybe mine is an exception to the rule but I have lots of audio from my speaker - so much so that I can increase it to distortion. Maybe this will cease to be the case when the AGC mod is done, but for now it requires no modification. My kit is on order from Dale.

Although my radio doesn't appear to actually need any extra audio I still prefer to listen through a little amplified re-chargeable `X-mini' IPhone speaker - I use the volume on the radio as if it were RF gain and the volume on the speaker as AF gain.

By the way, upon pressing and holding F5, I note that I have version V1.01b USA - Oct 14 2013 firmware so I guess that this batch of UK radios came via the USA? Does this ring any bells with you Ed? My S/N# is 1066.

I've made a few adjustments to the supplied microphone and also made up a PTT widget for a PC type microphone. Both seem to work equally well and receive good audio reports.

I'm not sure if I understand the modus operandi of the microphone circuit (I'm just a hobbyist) but it appears to me that PTT switches about 5v from the ring to sleeve activating the Tx relay and also a switching-in a bias of about 5v to the tip. I'm guessing (without foundation) that the LED might be a voltage divider, although I don't know why one should be necessary?

If anyone could clarify what's going on here I would really like to understand it better.

I've made a stand for my radio; it's not as grand as others on here but it does the job. It's a simple folded and riveted aluminium sheet and the radio attaches to it with HD Velcro.

Using this method I should be able to easily and securely switch between mounts that I have yet to make - dashboard, handlebar, hmmm - armband etc. or maybe also use it to attach an ATU, a meter or a battery pack.

I've posted some pictures of my menial widget offerings to date.

73 to all. Mel. M5ZZR

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2382. Re: UK Calling - User Guide - AGC Kit Question and Widgets!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 20:55:58 UTC
From: m5zzr@btinternet.com
Topic: 2381 Message: 2382

Yes, I thought I might have to Dale.
Delay not a problem at all. I have lots to do Hi.
I'm just please that you have made this resource available to us.
Next up it will be filters for 17 and 12.
73 Dale. Mel. M5ZZR

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" wrote:
>
> Hi Mel,
> I was two days late in getting your kit out- my fault as I thought I had ordered the parts but had failed to press the final "Place Order" button.
> You will need to do the LM380 mod in order for the AGC to kick in at the correct level.
>
> 73,
>
> Dale W4OP
> ----- Original Message -----

2383. RE: Re: [X1M_QRP-Transceiver] Question re: CW fault in original X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 21:26:23 UTC
From: <pal350@...>
Topic: 2365 Message: 2383

Thanks, Charlie. From reading posts here after not doing so since summer, it looks like cables and firmware updates are available to bring the older sets up to date, or at

least more up to date. Is that right?

Thanks,

Mark
KI0PF

---In X1M_QRP-Transceiver@yahoogroups.com, <cvest@...> wrote:

That issue was sent to the company and they indicated that it has / is being addressed . None of us have yet received the version of firmware that is in this production run , but the company was going to change it and they have been very good so far on following up on their changes .

Charlie , W5COV

On 11/18/2013 8:50 AM, pal350@... mailto:pal350@... wrote:

It looks like many of the faults in the original X1M have been addressed, but I haven't been able to find any reference to whether the CW glitch has been fixed.

See post #405 for another owner's description of the problem, and my post #406 for a WAV file example. Basically, when sending CW either using the keyer or straight key, the power would drop in a cyclic manner. At the other end, the listener would hear that as dropped characters.

Has the new firmware fixed this?

I no longer have a radio, but might consider getting the new version if the CW works correctly.

2384. Re: [X1M_QRP-Transceiver] Question re: CW fault in original X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 21:51:07 UTC
From: Charlie , W5COV
Topic: 2365 Message: 2384

Hi Mark ,

Yes , we are still waiting on the final firmware upgrade , or at least to the best of our knowledge the final upgrade . It is a MUCH different radio now than even the early Pro models with the current level of firmware updates . Many changes have been made since early summer , all for the better . A very nice little radio now and sure to be in high demand with these final changes in the firmware , that we expect just any day now .

They also did not abandon the original version of the X1M with the round buttons either . A new faceplate complete with new display is now available for order and it makes it a true Pro . I have been using this faceplate on an original X1M for about 2 months now and unless you are familiar with the looks of all of the internal boards on the X1M series once installed , you will never know that it wasn't a true production line Pro .

Charlie , W5COV

On 11/18/2013 3:26 PM, pal350@... wrote:
>
> Thanks, Charlie. From reading posts here after not doing so since
> summer, it looks
>
> like cables and firmware updates are available to bring the older sets
> up to date, or at
>
> least more up to date. Is that right?
>
>
> Thanks,
>
>
> Mark
>
> KI0PF
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com, <cvest@...> wrote:
>
> That issue was sent to the company and they indicated that it has / is
> being addressed . None of us have yet received the version of firmware
> that is in this production run , but the company was going to change
> it and they have been very good so far on following up on their changes .

>
> Charlie , W5COV
>
> On 11/18/2013 8:50 AM, pal350@... <mailto:pal350@...> wrote:
>
>> It looks like many of the faults in the original X1M have been
>> addressed, but I
>> haven't been able to find any reference to whether the CW glitch
>> has been fixed.
>>
>> See post #405 for another owner's description of the problem, and
>> my post #406
>> for a WAV file example. Basically, when sending CW either using
>> the keyer or
>> straight key, the power would drop in a cyclic manner. At the
>> other end, the
>> listener would hear that as dropped characters.
>>
>> Has the new firmware fixed this?
>>
>> I no longer have a radio, but might consider getting the new
>> version if the CW
>> works correctly.
>>
>
>

2385. RE: [X1M_QRP-Transceiver] speaker mod

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 21:51:30 UTC
From: Gary Stephenson
Topic: 2377 Message: 2385

Thank you for your help. Dale

Gary WW8O

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Monday, November 18, 2013 1:41 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] speaker mod

□

Hi Gary,

In my Photos file (w4op) check out the third photo- it shows exactly where to place the short in order to be able to get full volume to an external speaker.

http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/photos/albums/38547135/lightbox/295624804

Still works fine with headphones.

Note this is NOT the mod for increasing the gain of the LM380 by 12dB which is necessary for the AGC mod.

Dale W4OP

----- Original Message -----

From: ww8o@... <mailto:ww8o@...>

To: X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver@yahoogroups.com>

Sent: Monday, November 18, 2013 1:27 PM

Subject: [X1M_QRP-Transceiver] speaker mod

I know there was a mod on the external speaker and I can not fine it I see there two picture but they will not come could some one help?

working on the AGC kit small that not the word but micro is the word haha.

WW8O Gary

No virus found in this message.
Checked by AVG - www.avg.com <http://www.avg.com>
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2386. XM1 Microphone wire color codes and pin-outs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 22:00:00 UTC
From: Jose
Topic: 2386 Message: 2386

Hello:
By chance does anyone have the color code for the stock mirophone? Pin outs would nice as well.

Thanks,
DE K7ZT - Joe

2387. Re: [X1M_QRP-Transceiver] XM1 Microphone wire color codes and pin-outs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 22:29:18 UTC
From: Charlie , W5COV
Topic: 2386 Message: 2387

Joe , there is a pin out diagram in the files or photos section for this group for the mike plug . There is no "standard" for the color code for the stock mike . They appear to have used more than one supplier and I have seen different colors for different microphones .

Charlie , W5COV

On 11/18/2013 4:00 PM, Jose wrote:
>
> Hello:
> By chance does anyone have the color code for the stock mirophone? Pin
> outs would nice as well.
>
> Thanks,
> DE K7ZT - Joe
>
>

2388. Re: [X1M_QRP-Transceiver] XM1 Microphone wire color codes and pin-outs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-18 22:35:49 UTC
From: Joseph Westbrook
Topic: 2386 Message: 2388

Disregard, I located this info.

73;s, Joe

From: Jose <k7zt@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, November 18, 2013 4:00 PM
Subject: [X1M_QRP-Transceiver] XM1 Microphone wire color codes and pin-outs

Hello:
By chance does anyone have the color code for the stock mirophone? Pin outs would nice as well.

Thanks,
DE K7ZT - Joe

2389. HELP WANTED (VOLUNTEER BUILDERS)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 01:04:54 UTC
From: Charlie , W5COV
Topic: 2389 Message: 2389

Okay I know many of you are very likely tired of my posts , which I do indeed tend to ramble on and write long e-mails on a variety of subjects and topics .
So if you are one of those people I do apologize and please just delete the post .
One day when we get thousands of these rigs in the hands of extremely satisfied users and there are plenty of people that are plenty familiar with this radio , I'll move on to another project , but never give up this radio or this group. I have made too many very good friends on this group.
Just met another one today , after my post last night to learn more about the current group members . Ended up he and I lived in neighboring small towns at one time and I do genealogy as a hobby and found out that some of my family were his next door neighbors , plus a few other things . THANKS to EVERYONE that is sharing their name , location , call !! You will be amazed at just how small this world is and how it makes this group function so much better when we all know a little more about each other .

There is indeed going to be another run of the AGC kits , for those who might have missed out on the first run and for all of the new users that will be joining us as soon as this production run gets to the Distributors and Dealers and on down to the end users . I expect a HUGE influx of new members , hopefully just in time for Christmas . I do not know the exact size of this production run , but I am quite certain it will likely be the largest run yet and also likely will sell out more quickly than any of the previous runs. The next runs after this one I anticipate will just get larger and larger as more people see just how good of a radio , already assembled , that they are getting , and I don't even need to say "FOR THE PRICE" either . This radio has come to a point with this run , that it can stand up against any other kits and assembled radios COMPLETELY ON ITS OWN MERITS !!!!

What we ARE in need of is ANYONE that has the time , ability , and inclination to help several of their fellow hams . Hopefully , well not really hopefully , but I know that myself and some others have plans to offer some more accessories for the X1M . Right now the only kit that I am aware of , that is a nice addition to the radio , is the AGC kit designed by Dale , W4OP . This particular run of boards and parts , I will be handling the "kitting portion" once all pieces are ordered and received . Again this is a not for profit kit , so to let Dale be able to spend his time keeping up with his own company business and who knows , maybe even give him time to develop some other accessory for the X1M :) I have agreed to kit them up and ship them out . More information when more is available as to when they will once again be available .

There are some members that would like to have this accessory and a couple have contacted me and told me they have the ability to install a completed unit , but just can't manage the actual assembly of the board . I personally can certainly relate to this , or I would be a volunteer to assemble them . There is no possible way with my health issues , eyesight and hand tremors , that I can count on being able to regularly assemble these. So if you are someone that would be willing to do one or more boards for those that can't , PLEASE post to the group if you are wiling to help these people . The two of you can get together one on one and work out the details .

Like I mentioned I do KNOW that some other accessories are in the design / prototype stage . However some of these will be fully assembled and the ones that will likely be kits , that I have seen , "should" be able to be assembled by the "average" builder . On kits that size , I would be a volunteer to assemble those if for some reason the person wanting it was unable to do so .

Along that same line , if you have an accessory that you are working on I would appreciate your contacting me off list . I have a notebook here of possible accessories and don't want to reinvent the wheel , especially if someone else is further along than I am . Also if you have any suggestions as to what you might want to see as an accessory , but for some reason can't or don't want to build it , please let me know about that also . I am not out looking to steal anyone elses work and would love to have a group of us that build and tinker where we can exchange some ideas and perhaps help each other . I plan a later post , to look for some help on some areas that I am weak in and be able to collaborate with other builders . Maybe we can form a kind of informal e-mail group for people like us to meet and exchange ideas and help each other . Maybe the X1M tinkerers group , or something similar , so as to not tie up this group and let it remain a place where people can get help and enjoy using and operating the rig . At least one of my "projects" is going to use a matching extrusion to the X1M . My home e-mail address , if you are interested in discussing mods and accessories is cvest AT cox.net .

Thanks for your patience ,

Charlie , W5COV

2390. Re: [X1M_QRP-Transceiver] HELP WANTED (VOLUNTEER BUILDERS)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 01:14:48 UTC
From: Bill Maxwell
Topic: 2389 Message: 2390

While I don't yet have a X1M,I am happy to assemble for any builder downunder in VK requiring assistance.

Bill, VK7MX
Powranna, Tasmania, Australia 7300
On 19/11/2013 12:04 PM, Charlie , W5COV wrote:
> Okay I know many of you are very likely tired of my posts , which I do
> indeed tend to ramble on and write long e-mails on a variety of subjects
> and topics .
> So if you are one of those people I do apologize and please just delete
> the post .
> One day when we get thousands of these rigs in the hands of extremely
> satisfied users and there are plenty of people that are plenty familiar
> with this radio , I'll move on to another project , but never give up
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> What we ARE in need of is ANYONE that has the time , ability , and
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> am aware of , that is a nice addition to the radio , is the AGC kit

> designed by Dale , W4OP . This particular run of boards and parts , I
> will be handling the "kitting portion" once all pieces are ordered and
> received . Again this is a not for profit kit , so to let Dale be able
> to spend his time keeping up with his own company business and who knows
> , maybe even give him time to develop some other accessory for the X1M
> :) I have agreed to kit them up and ship them out . More information
> when more is available as to when they will once again be available .
>
> There are some members that would like to have this accessory and a
> couple have contacted me and told me they have the ability to install a
> completed unit , but just can't manage the actual assembly of the board
> . I personally can certainly relate to this , or I would be a volunteer
> to assemble them . There is no possible way with my health issues ,
> eyesight and hand tremors , that I can count on being able to regularly
> assemble these. So if you are someone that would be willing to do one or
> more boards for those that can't , PLEASE post to the group if you are
> wiling to help these people . The two of you can get together one on one
> and work out the details .
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> Like I mentioned I do KNOW that some other accessories are in the design
> / prototype stage . However some of these will be fully assembled and
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> Along that same line , if you have an accessory that you are working on
> I would appreciate your contacting me off list . I have a notebook here
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>
> Thanks for your patience ,
>
> Charlie , W5COV
>
>

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> Yahoo Groups Links
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2392. Re: [X1M_QRP-Transceiver] HELP WANTED (VOLUNTEER BUILDERS)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 01:19:06 UTC
From: ken fest
Topic: 2389 Message: 2392

Hello,
I have assembled the AGC board and found it quite easy to build. I have previously built numerous SMD kits and homebrew projects. Having said that I need to stress that I have NOT yet purchased the radio. I figured I would get the AGC kit while they lasted. I plan to buy the radio soon.
I am 67 yrs old but thankfully have no problems building these small boards and would gladly assemble them at no charge for those that can't do it themselves. Of course the kit owner would have to pay all shipping costs.
I am N2LZV and my name and address are accurate in the QRZ website.
Last comment is, these little boards are quite easy to put together. If one can tackle it themselves it is good experience. If self assembly is not possible, I will be happy to help.
Ken

On Mon, 11/18/13, Charlie , W5COV <cvest@...> wrote:

Subject: [X1M_QRP-Transceiver] HELP WANTED (VOLUNTEER BUILDERS)
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Monday, November 18, 2013, 8:04 PM

Okay I know many of you are very
likely tired of my posts , which I do
indeed tend to ramble on and write long e-mails on a variety
of subjects
and topics .
So if you are one of those people I do apologize and please
just delete
the post .
One day when we get thousands of these rigs in the hands of
extremely
satisfied users and there are plenty of people that are
plenty familiar
with this radio , I'll move on to another project , but
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this radio or this group. I have made too many very good
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and work out the details .

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to be assembled by the "average" builder . On kits that size
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it was unable to do so .

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notebook here
of possible accessories and don't want to reinvent the wheel
,
especially if someone else is further along than I am . Also
if you have
any suggestions as to what you might want to see as an

accessory , but
for some reason can't or don't want to build it , please let
me know
about that also . I am not out looking to steal anyone elses
work and
would love to have a group of us that build and tinker where
we can
exchange some ideas and perhaps help each other . I plan a
later post ,
to look for some help on some areas that I am weak in and be
able to
collaborate with other builders . Maybe we can form a kind
of informal
e-mail group for people like us to meet and exchange ideas
and help each
other . Maybe the X1M tinkerers group , or something similar
, so as to
not tie up this group and let it remain a place where people
can get
help and enjoy using and operating the rig . At least one of
my
"projects" is going to use a matching extrusion to the X1M .
My home
e-mail address , if you are interested in discussing mods
and
accessories is cvest AT cox.net .

Thanks for your patience ,

Charlie , W5COV

Yahoo Groups Links

X1M_QRP-Transceiver-fullfeatured@yahoogroups.com

2393. AGC Installation - AF Mod Question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 01:22:21 UTC
From: rickmac06@frontier.com
Topic: 2393 Message: 2393

I have hit a snag while installing the AGC kit. According to the manual:

"YOU MUST DO MY AF GAIN MOD,
WHICH CONSISTS OF SHORTING OUT RESISTOR R80C ON THE BOTTOM SIDE OF THE
TOP BOARD ☐ DIRECTLY UNDERNEATH U8C, THE LM386 IC."

I'm unclear on how to accomplish this. I have board version 3.01b.
I have located the LM386 IC. Directly under it is a SMD resistor that is located on the trace pin 1 of IC386, and it's value is 102. Do I remove that resistor and jump across it? Is that what short resistor R80C is revering to? Thanks guys, Regards, John KC9YAW.

2394. Re: XM1 Microphone wire color codes and pin-outs

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 01:31:13 UTC
From: Paul W. Ross
Topic: 2386 Message: 2394

The microphone pin out is in the "User's Guide" in the files section.

As soon as I get my replacement X1M, I'll update the manual.

73 /paul W3FIS

2395. Re: [X1M_QRP-Transceiver] HELP WANTED (VOLUNTEER BUILDERS)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 01:32:02 UTC
From: mikejmardis@...
Topic: 2389 Message: 2395

Charlie, I would be willing to help anyone who would need help assembling their boards. Should someone contact you, keep me in mind.

Mike, N1SPZ

Sent from my iPhone

> On Nov 18, 2013, at 20:04, "Charlie , W5COV" <cvest@cox.net> wrote:
>
> Okay I know many of you are very likely tired of my posts , which I do
> indeed tend to ramble on and write long e-mails on a variety of subjects
> and topics .
> So if you are one of those people I do apologize and please just delete
> the post .
> One day when we get thousands of these rigs in the hands of extremely
> satisfied users and there are plenty of people that are plenty familiar
> with this radio , I'll move on to another project , but never give up
> this radio or this group. I have made too many very good friends on this
> group.
> Just met another one today , after my post last night to learn more
> about the current group members . Ended up he and I lived in neighboring
> small towns at one time and I do genealogy as a hobby and found out that
> some of my family were his next door neighbors , plus a few other things
> . THANKS to EVERYONE that is sharing their name , location , call !! You
> will be amazed at just how small this world is and how it makes this
> group function so much better when we all know a little more about each
> other .
>
> There is indeed going to be another run of the AGC kits , for those who
> might have missed out on the first run and for all of the new users that
> will be joining us as soon as this production run gets to the
> Distributors and Dealers and on down to the end users . I expect a HUGE
> influx of new members , hopefully just in time for Christmas . I do not
> know the exact size of this production run , but I am quite certain it
> will likely be the largest run yet and also likely will sell out more
> quickly than any of the previous runs. The next runs after this one I
> anticipate will just get larger and larger as more people see just how
> good of a radio , already assembled , that they are getting , and I
> don't even need to say "FOR THE PRICE" either . This radio has come to a
> point with this run , that it can stand up against any other kits and
> assembled radios COMPLETELY ON ITS OWN MERITS !!!!
>
> What we ARE in need of is ANYONE that has the time , ability , and
> inclination to help several of their fellow hams . Hopefully , well not

> really hopefully , but I know that myself and some others have plans to
> offer some more accessories for the X1M . Right now the only kit that I
> am aware of , that is a nice addition to the radio , is the AGC kit
> designed by Dale , W4OP . This particular run of boards and parts , I
> will be handling the "kitting portion" once all pieces are ordered and
> received . Again this is a not for profit kit , so to let Dale be able
> to spend his time keeping up with his own company business and who knows
> , maybe even give him time to develop some other accessory for the X1M
> :) I have agreed to kit them up and ship them out . More information
> when more is available as to when they will once again be available .
>
> There are some members that would like to have this accessory and a
> couple have contacted me and told me they have the ability to install a
> completed unit , but just can't manage the actual assembly of the board
> . I personally can certainly relate to this , or I would be a volunteer
> to assemble them . There is no possible way with my health issues ,
> eyesight and hand tremors , that I can count on being able to regularly
> assemble these. So if you are someone that would be willing to do one or
> more boards for those that can't , PLEASE post to the group if you are
> wiling to help these people . The two of you can get together one on one
> and work out the details .
>
> Like I mentioned I do KNOW that some other accessories are in the design
> / prototype stage . However some of these will be fully assembled and
> the ones that will likely be kits , that I have seen , "should" be able
> to be assembled by the "average" builder . On kits that size , I would
> be a volunteer to assemble those if for some reason the person wanting
> it was unable to do so .
>
> Along that same line , if you have an accessory that you are working on
> I would appreciate your contacting me off list . I have a notebook here
> of possible accessories and don't want to reinvent the wheel ,
> especially if someone else is further along than I am . Also if you have
> any suggestions as to what you might want to see as an accessory , but
> for some reason can't or don't want to build it , please let me know
> about that also . I am not out looking to steal anyone elses work and
> would love to have a group of us that build and tinker where we can
> exchange some ideas and perhaps help each other . I plan a later post ,
> to look for some help on some areas that I am weak in and be able to
> collaborate with other builders . Maybe we can form a kind of informal
> e-mail group for people like us to meet and exchange ideas and help each
> other . Maybe the X1M tinkerers group , or something similar , so as to
> not tie up this group and let it remain a place where people can get
> help and enjoy using and operating the rig . At least one of my
> "projects" is going to use a matching extrusion to the X1M . My home
> e-mail address , if you are interested in discussing mods and
> accessories is cvest AT cox.net .
>
> Thanks for your patience ,
>

> Charlie , W5COV
>

2396. Re: [X1M_QRP-Transceiver] AGC Installation - AF Mod Question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 01:35:41 UTC
From: mikejmardis@...
Topic: 2393 Message: 2396

There's a pic in the picture section. I forget whose album. I may be mistaken and it's in the files. Possibly under mods. It's two pics.
Mike
N1SPZ

Sent from my iPhone

> On Nov 18, 2013, at 20:22, "rickmac06@..." <rickmac06@...> wrote:
>
> I have hit a snag while installing the AGC kit. According to the manual:
>
> "YOU MUST DO MY AF GAIN MOD,
> WHICH CONSISTS OF SHORTING OUT RESISTOR R80C ON THE BOTTOM SIDE OF THE
> TOP BOARD – DIRECTLY UNDERNEATH U8C, THE LM386 IC."
>
> I'm unclear on how to accomplish this. I have board version 3.01b.
> I have located the LM386 IC. Directly under it is a SMD resistor that is located on the trace pin 1 of IC386, and it's value is 102. Do I remove that resistor and jump across it? Is that what short resistor R80C is revering to? Thanks guys, Regards, John KC9YAW.
>
>

2397. Re: [X1M_QRP-Transceiver] AGC Installation - AF Mod Question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 01:43:29 UTC
From: Charlie , W5COV
Topic: 2393 Message: 2397

Hi John I did not even remove the resistor just put a wire across from pin 1 of the LM-386 to the capacitor . Yes you are just shorting the resistor out so you have zero ohms in place of the resistor. If one was good and had the parts on hand you could replace it with a zero ohm jumper .

There are some pictures in the photo section . If you need more detailed help , please let us know . Sorry was busy answering some e-mails so I was a little behind on reading posts . GREAT to see the activity picking up.

Charlie , W5COV

On 11/18/2013 7:22 PM, rickmac06@... wrote:
>
> I have hit a snag while installing the AGC kit. According to the manual:
>
> "YOU MUST DO MY AF GAIN MOD,
> WHICH CONSISTS OF SHORTING OUT RESISTOR R80C ON THE BOTTOM SIDE OF THE
> TOP BOARD -- DIRECTLY UNDERNEATH U8C, THE LM386 IC."
>
> I'm unclear on how to accomplish this. I have board version 3.01b.
> I have located the LM386 IC. Directly under it is a SMD resistor that
> is located on the trace pin 1 of IC386, and it's value is 102. Do I
> remove that resistor and jump across it? Is that what short resistor
> R80C is revering to? Thanks guys, Regards, John KC9YAW.
>
>

2398. Re: AGC Installation - AF Mod Question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 01:54:17 UTC
From: rickmac06@frontier.com
Topic: 2393 Message: 2398

Thanks for the reply, but I have already been to the two pictures that you are referring to. They are in the mod section in a zip file called "X1M-PRO Increased RX Gain Modification" My board does not look like the board in the photo. That is why I included the version number of my board. In the photo there is the a jumper on what appears to be pin 1 of the IC, then there is a large can in the middle follow by a smaller can on the right (where the other side of the jumper makes contact.) My board does not have the large can in the middle. So my board is different than the one in the photo. When referring to the photo I am confused as to how that jumper is shorting resistor R80C. Please forgive my lack of understanding. Perhaps someone can clarify.
I'm concerned that the layout of my board does not match the one in the photo. Thanks, John.

--- In X1M_QRP-Transceiver@yahoogroups.com, mikejmardis@... wrote:
>
> There's a pic in the picture section. I forget whose album. I may be mistaken and it's in the files. Possibly under mods. It's two pics.
> Mike
> N1SPZ
>
> Sent from my iPhone
>
> > On Nov 18, 2013, at 20:22, "rickmac06@..." <rickmac06@...> wrote:
> >
> > I have hit a snag while installing the AGC kit. According to the manual:
> >
> > "YOU MUST DO MY AF GAIN MOD,
> > WHICH CONSISTS OF SHORTING OUT RESISTOR R80C ON THE BOTTOM SIDE OF THE
> > TOP BOARD â□" DIRECTLY UNDERNEATH U8C, THE LM386 IC."
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> > I'm unclear on how to accomplish this. I have board version 3.01b.
> > I have located the LM386 IC. Directly under it is a SMD resistor that is located on the trace pin 1 of IC386, and it's value is 102. Do I remove that resistor and jump across it? Is that what short resistor R80C is revering to? Thanks guys, Regards, John KC9YAW.
> >
> >
>

2399. Re: AGC Installation - AF Mod Question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 02:05:17 UTC
From: rickmac06@frontier.com
Topic: 2393 Message: 2399

Hi Charlie,
Thanks for the explanation. Thanks for helping me understand what we are trying to do with the jumper. Now that I follow the trace I can see how it bypasses the resistor and I can see that the small can is the cap that I need to jump to. I was just very concerned at first because of the board in the photo has a large can next to the capacitor and mine does not. Think that I'm good to go now. Thanks again, John.

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> Hi John I did not even remove the resistor just put a wire across from
> pin 1 of the LM-386 to the capacitor . Yes you are just shorting the
> resistor out so you have zero ohms in place of the resistor. If one was
> good and had the parts on hand you could replace it with a zero ohm jumper .
>
> There are some pictures in the photo section . If you need more detailed
> help , please let us know . Sorry was busy answering some e-mails so I
> was a little behind on reading posts . GREAT to see the activity picking up.
>
> Charlie , W5COV
>
> On 11/18/2013 7:22 PM, rickmac06@... wrote:
> >
> > I have hit a snag while installing the AGC kit. According to the manual:
> >
> > "YOU MUST DO MY AF GAIN MOD,
> > WHICH CONSISTS OF SHORTING OUT RESISTOR R80C ON THE BOTTOM SIDE OF THE
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> > I'm unclear on how to accomplish this. I have board version 3.01b.
> > I have located the LM386 IC. Directly under it is a SMD resistor that
> > is located on the trace pin 1 of IC386, and it's value is 102. Do I
> > remove that resistor and jump across it? Is that what short resistor
> > R80C is revering to? Thanks guys, Regards, John KC9YAW.
> >
> >
>

2400. Re: [X1M_QRP-Transceiver] AGC Installation - AF Mod Question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 02:08:48 UTC
From: Bill Maxwell
Topic: 2393 Message: 2400

alternatively, instead of removing the resistor and replacing it with a zero ohms one, just solder the zero ohm critter over the resistor. Less risk of damaging the board if you dont have to apply heat to remove components.

Bill, VK7MX
On 19/11/2013 12:43 PM, Charlie , W5COV wrote:
>
>
> Hi John I did not even remove the resistor just put a wire across from
> pin 1 of the LM-386 to the capacitor . Yes you are just shorting the
> resistor out so you have zero ohms in place of the resistor. If one
> was good and had the parts on hand you could replace it with a zero
> ohm jumper .
>
> There are some pictures in the photo section . If you need more
> detailed help , please let us know . Sorry was busy answering some
> e-mails so I was a little behind on reading posts . GREAT to see the
> activity picking up.
>
> Charlie , W5COV
>
> On 11/18/2013 7:22 PM, rickmac06@... wrote:
>>
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>> "YOU MUST DO MY AF GAIN MOD,
>> WHICH CONSISTS OF SHORTING OUT RESISTOR R80C ON THE BOTTOM SIDE OF THE
>> TOP BOARD -- DIRECTLY UNDERNEATH U8C, THE LM386 IC."
>>
>> I'm unclear on how to accomplish this. I have board version 3.01b.
>> I have located the LM386 IC. Directly under it is a SMD resistor that
>> is located on the trace pin 1 of IC386, and it's value is 102. Do I
>> remove that resistor and jump across it? Is that what short resistor
>> R80C is revering to? Thanks guys, Regards, John KC9YAW.
>>
>
>
>
>

2401. Re: [X1M_QRP-Transceiver] Re: AGC Installation - AF Mod Question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 02:30:57 UTC
From: Charlie , W5COV
Topic: 2393 Message: 2401

No problem John , always glad to help if I can . Yes there are two different boards and I didn't look at an actual board to see which one you had . Just enough difference in the two to be confusing , although I think that you have the board of the two that I found easier to modify . I don't take many pictures and perhaps once this new shipment comes in and gets all sold out , we can take time to go back and organize our information , from beginning to the latest model . We have kind of just updated the page on the fly .
Any problems let us know .

Charlie

On 11/18/2013 8:05 PM, rickmac06@... wrote:
>
> Hi Charlie,
> Thanks for the explanation. Thanks for helping me understand what we
> are trying to do with the jumper. Now that I follow the trace I can
> see how it bypasses the resistor and I can see that the small can is
> the cap that I need to jump to. I was just very concerned at first
> because of the board in the photo has a large can next to the
> capacitor and mine does not. Think that I'm good to go now. Thanks
> again, John.
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV"
> <cvest@...> wrote:
> >
> > Hi John I did not even remove the resistor just put a wire across from
> > pin 1 of the LM-386 to the capacitor . Yes you are just shorting the
> > resistor out so you have zero ohms in place of the resistor. If one was
> > good and had the parts on hand you could replace it with a zero ohm
> jumper .
> >
> > There are some pictures in the photo section . If you need more
> detailed
> > help , please let us know . Sorry was busy answering some e-mails so I
> > was a little behind on reading posts . GREAT to see the activity
> picking up.
> >
> > Charlie , W5COV
> >
> > On 11/18/2013 7:22 PM, rickmac06@... wrote:
> > >
> > > I have hit a snag while installing the AGC kit. According to the
> manual:
> > >

> > > "YOU MUST DO MY AF GAIN MOD,
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> > > TOP BOARD -- DIRECTLY UNDERNEATH U8C, THE LM386 IC."
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> > > I'm unclear on how to accomplish this. I have board version 3.01b.
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> > > is located on the trace pin 1 of IC386, and it's value is 102. Do I
> > > remove that resistor and jump across it? Is that what short resistor
> > > R80C is revering to? Thanks guys, Regards, John KC9YAW.
> > >
> > >
> >
>
>

2402. Re: [X1M_QRP-Transceiver] Re: AGC Installation - AF Mod Question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 03:11:33 UTC
From: Mike Mardis
Topic: 2393 Message: 2402

John,
Most of us are learning from the few. I don't have my radio yet as I am waiting for the new batch to get in. Ordered and anxiously waiting. I apologize. I didn't know there was a difference. Can you post pics of what you have done when you are finished. It may be a mute point with the new version. But, can't hurt to have a reference if its the same.

Mike Mardis
N1SPZ

> On Nov 18, 2013, at 8:54 PM, "rickmac06@..." <rickmac06@frontier.com> wrote:
>
> Thanks for the reply, but I have already been to the two pictures that you are referring to. They are in the mod section in a zip file called "X1M-PRO Increased RX Gain Modification" My board does not look like the board in the photo. That is why I included the version number of my board. In the photo there is the a jumper on what appears to be pin 1 of the IC, then there is a large can in the middle follow by a smaller can on the right (where the other side of the jumper makes contact.) My board does not have the large can in the middle. So my board is different than the one in the photo. When referring to the photo I am confused as to how that jumper is shorting resistor R80C. Please forgive my lack of understanding. Perhaps someone can clarify.
> I'm concerned that the layout of my board does not match the one in the photo. Thanks, John.
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, mikejmardis@... wrote:
> >
> > There's a pic in the picture section. I forget whose album. I may be mistaken and it's in the files. Possibly under mods. It's two pics.
> > Mike
> > N1SPZ
> >
> > Sent from my iPhone
> >
> > > On Nov 18, 2013, at 20:22, "rickmac06@..." <rickmac06@...> wrote:
> > >
> > > I have hit a snag while installing the AGC kit. According to the manual:
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> > > "YOU MUST DO MY AF GAIN MOD,
> > > WHICH CONSISTS OF SHORTING OUT RESISTOR R80C ON THE BOTTOM SIDE OF THE
> > > TOP BOARD â€" DIRECTLY UNDERNEATH U8C, THE LM386 IC."
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> > > I'm unclear on how to accomplish this. I have board version 3.01b.
> > > I have located the LM386 IC. Directly under it is a SMD resistor that is located on the trace pin 1 of IC386, and it's value is 102. Do I remove that resistor and jump across it? Is that what short resistor R80C is revering to? Thanks guys, Regards, John KC9YAW.
> > >

> > >
> >
>
>

2403. Mod's necessary for new batch of radio's?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 03:19:39 UTC
From: <mikejmardis@...>
Topic: 2403 Message: 2403

What are the chances that the new batch of radio's will not require the either mod for the AGC? Mike, N1SPZ

2404. Re: [X1M_QRP-Transceiver] Mod's necessary for new batch of radio's?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 03:27:10 UTC
From: Dale Parfitt
Topic: 2403 Message: 2404

Slim to none.

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, November 18, 2013 10:19 PM
Subject: [X1M_QRP-Transceiver] Mod's necessary for new batch of radio's?

What are the chances that the new batch of radio's will not require the either mod for the AGC? Mike, N1SPZ

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2405. Re: [X1M_QRP-Transceiver] Mod's necessary for new batch of radio's?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 03:27:41 UTC
From: Charlie , W5COV
Topic: 2403 Message: 2405

Mike , purely a guess on my part . The audio mod will likely be done at the factory . The AGC mod I would say not a chance , since it would require a board and hardware change .

Charlie , W5COV

On 11/18/2013 9:19 PM, mikejmardis@... wrote:
>
> What are the chances that the new batch of radio's will not require
> the either mod for the AGC? Mike, N1SPZ
>
>

2406. Re: [X1M_QRP-Transceiver] Mod's necessary for new batch of radio's?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 03:37:59 UTC
From: mikejmardis@...
Topic: 2403 Message: 2406

So I guess I'll have to hold off installing it when I get the radio for some testing

Sent from my iPhone

> On Nov 18, 2013, at 22:27, "Charlie , W5COV" <cvest@...> wrote:
>
> Mike , purely a guess on my part . The audio mod will likely be done at the factory . The AGC mod I would say not a chance , since it would require a board and hardware change .
>
> Charlie , W5COV
>
>> On 11/18/2013 9:19 PM, mikejmardis@... wrote:
>>
>> What are the chances that the new batch of radio's will not require the either mod for the AGC? Mike, N1SPZ
>>
>
>

2407. Re: [X1M_QRP-Transceiver] Mod's necessary for new batch of radio's?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 03:40:13 UTC
From: mikejmardis@...
Topic: 2403 Message: 2407

Thanks Dale. Are you planning on digging around on one of the new ones when they come in?

Sent from my iPhone

> On Nov 18, 2013, at 22:27, "Dale Parfitt" <parinc1@...> wrote:
>
> □
>
> Slim to none.
>
> Dale W4OP
> ----- Original Message -----
> From: mikejmardis@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Monday, November 18, 2013 10:19 PM
> Subject: [X1M_QRP-Transceiver] Mod's necessary for new batch of radio's?
>
>
> What are the chances that the new batch of radio's will not require the either mod for the AGC? Mike, N1SPZ
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13
>
>

2408. Re: [X1M_QRP-Transceiver] Mod's necessary for new batch of radio's?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 03:42:05 UTC
From: Charlie , W5COV
Topic: 2403 Message: 2408

LOL as you can tell Mike , it is very tough for we Americans to try and
even guess what the Chinese are doing.

Charlie

On 11/18/2013 9:37 PM, mikejmardis@... wrote:
> So I guess I'll have to hold off installing it when I get the radio
> for some testing
>
> Sent from my iPhone
>
> On Nov 18, 2013, at 22:27, "Charlie , W5COV" <cvest@...
> <mailto:cvest@...>> wrote:
>
>> Mike , purely a guess on my part . The audio mod will likely be done
>> at the factory . The AGC mod I would say not a chance , since it
>> would require a board and hardware change .
>>
>> Charlie , W5COV
>>
>> On 11/18/2013 9:19 PM, mikejmardis@... wrote:
>>>
>>> What are the chances that the new batch of radio's will not require
>>> the either mod for the AGC? Mike, N1SPZ
>>>
>>
>
>

2409. Re: [X1M_QRP-Transceiver] Mod's necessary for new batch of radio's?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 03:56:13 UTC
From: Dale Parfitt
Topic: 2403 Message: 2409

As Charlie said, the factory may install a zero Ohm resistor in the LM380 circuit as that is only a part change.
I have no current plans to look at a new radio.
My real amateur radio interest is 1296MHz moonbounce and I have to get my 600W solid state amp mounted at the dish before the 2nd leg of the ARRL EME contest- so my little spare time is gone.

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, November 18, 2013 10:40 PM
Subject: Re: [X1M_QRP-Transceiver] Mod's necessary for new batch of radio's?

Thanks Dale. Are you planning on digging around on one of the new ones when they come in?

Sent from my iPhone

On Nov 18, 2013, at 22:27, "Dale Parfitt" <parinc1@...> wrote:

☐

Slim to none.

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, November 18, 2013 10:19 PM
Subject: [X1M_QRP-Transceiver] Mod's necessary for new batch of radio's?

What are the chances that the new batch of radio's will not require the either mod for the AGC? Mike, N1SPZ

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2410. Re: [X1M_QRP-Transceiver] Mod's necessary for new batch of radio's?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 03:58:09 UTC
From: mikejmardis@...
Topic: 2403 Message: 2410

Right!? We don't know what we Americans are doing half of the time.

Sent from my iPhone

> On Nov 18, 2013, at 22:42, "Charlie , W5COV" <cvest@cox.net> wrote:
>
> LOL as you can tell Mike , it is very tough for we Americans to try and even guess what the Chinese are doing.
>
> Charlie
>
>> On 11/18/2013 9:37 PM, mikejmardis@... wrote:
>>
>> So I guess I'll have to hold off installing it when I get the radio for some testing
>>
>> Sent from my iPhone
>>
>> On Nov 18, 2013, at 22:27, "Charlie , W5COV" <cvest@cox.net> wrote:
>>
>>>
>>> Mike , purely a guess on my part . The audio mod will likely be done at the factory . The AGC mod I would say not a chance , since it would require a board and hardware change .
>>>
>>> Charlie , W5COV
>>>
>>> On 11/18/2013 9:19 PM, mikejmardis@... wrote:
>>>>
>>>> What are the chances that the new batch of radio's will not require the either mod for the AGC? Mike, N1SPZ
>>>>
>>>
>>>
>

2411. X1M will not power up after AGC Mod

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 04:03:25 UTC
From: rickmac06@frontier.com
Topic: 2411 Message: 2411

Well I wish that I had better news. Just finished installing the AGC board and now the radio will not power up. I do see a load on the poweer supply when I flip the switch. Measuring across pin 5 of MC1350 I only get MvoltsDC and the pot R1 on the board has no affect of raising it into the volts. Any ideas before I take the mod out and try to get radio back to pre agc install config?

Thanks, John.

2412. Re: [X1M_QRP-Transceiver] X1M will not power up after AGC Mod

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 04:16:07 UTC
From: Charlie , W5COV
Topic: 2411 Message: 2412

John do you happen to have a way to take a couple of pictures of the
install ?

Charlie
On 11/18/2013 10:03 PM, rickmac06@... wrote:
>
> Well I wish that I had better news. Just finished installing the AGC
> board and now the radio will not power up. I do see a load on the
> poweer supply when I flip the switch. Measuring across pin 5 of MC1350
> I only get MvoltsDC and the pot R1 on the board has no affect of
> raising it into the volts. Any ideas before I take the mod out and try
> to get radio back to pre agc install config?
>
> Thanks, John.
>
>

2413. Re: [X1M_QRP-Transceiver] X1M will not power up after AGC Mod

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 04:17:47 UTC
From: Dale Parfitt
Topic: 2411 Message: 2413

Do you have 9VDC on the AGC board?

Dale W4OP
----- Original Message -----
From: rickmac06@...
To: X1M_QRP-Transceiver@...m
Sent: Monday, November 18, 2013 11:03 PM
Subject: [X1M_QRP-Transceiver] X1M will not power up after AGC Mod

Well I wish that I had better news. Just finished installing the AGC board and now the radio will not power up. I do see a load on the poweer supply when I flip the switch. Measuring across pin 5 of MC1350 I only get MvoltsDC and the pot R1 on the board has no affect of raising it into the volts. Any ideas before I take the mod out and try to get radio back to pre agc install config?

Thanks, John.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2414. Re: [X1M_QRP-Transceiver] X1M will not power up after AGC Mod

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 04:23:52 UTC
From: Dale Parfitt
Topic: 2411 Message: 2414

I suspect that somehow you have shorted the 9VDC line to ground or near ground.
Pad W1 is the 9VDC pad
Pad W2 is the GND Pad.

Disconnect the 9V from the AGC board and see if all is well.
Can you take hi res pix of the board and then a general view of your installation showing the wiring?
Dale W4OP
----- Original Message -----
From: rickmac06@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, November 18, 2013 11:03 PM
Subject: [X1M_QRP-Transceiver] X1M will not power up after AGC Mod

Well I wish that I had better news. Just finished installing the AGC board and now the radio will not power up. I do see a load on the poweer supply when I flip the switch. Measuring across pin 5 of MC1350 I only get MvoltsDC and the pot R1 on the board has no affect of raising it into the volts. Any ideas before I take the mod out and try to get radio back to pre agc install config?

Thanks, John.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2415. Re: [X1M_QRP-Transceiver] X1M will not power up after AGC Mod

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 04:30:16 UTC
From: Charlie , W5COV
Topic: 2411 Message: 2415

One more quick question , did you test the audio mod before installing
the AGC board ?

Charlie

On 11/18/2013 10:23 PM, Dale Parfitt wrote:
>
> I suspect that somehow you have shorted the 9VDC line to ground or
> near ground.
> Pad W1 is the 9VDC pad
> Pad W2 is the GND Pad.
> Disconnect the 9V from the AGC board and see if all is well.
> Can you take hi res pix of the board and then a general view of your
> installation showing the wiring?
> Dale W4OP
>
> ----- Original Message -----
> *From:* rickmac06@... <mailto:rickmac06@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Monday, November 18, 2013 11:03 PM
> *Subject:* [X1M_QRP-Transceiver] X1M will not power up after AGC Mod
>
> Well I wish that I had better news. Just finished installing the
> AGC board and now the radio will not power up. I do see a load on
> the poweer supply when I flip the switch. Measuring across pin 5
> of MC1350 I only get MvoltsDC and the pot R1 on the board has no
> affect of raising it into the volts. Any ideas before I take the
> mod out and try to get radio back to pre agc install config?
>
> Thanks, John.
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date:
> 11/13/13
>
>

2416. AGC Mod but I have no audio output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 05:04:41 UTC
From: rickmac06@frontier.com
Topic: 2416 Message: 2416

The AGC Board is installed. The radio powers up and I get the customary beep. After power up no audio output at all out the speaker. I even plugged in an external speaker, but no joy. I do have 4.7VDC on pin5 of MC1350. The mute button is not on. Any ideas? Thanks, John.

2417. Re: [X1M_QRP-Transceiver] AGC Mod but I have no audio output

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 05:09:25 UTC
From: Dale Parfitt
Topic: 2416 Message: 2417

4.7VDC is too high a voltage on pin 5. Turn it back to about 4.17 or even lower as in the manual.

Dale W4OP----- Original Message -----
From: rickmac06@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 19, 2013 12:04 AM
Subject: [X1M_QRP-Transceiver] AGC Mod but I have no audio output

The AGC Board is installed. The radio powers up and I get the customary beep. After power up no audio output at all out the speaker. I even plugged in an external speaker, but no joy. I do have 4.7VDC on pin5 of MC1350. The mute button is not on. Any ideas? Thanks, John.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2418. RE: X1M will not power up after AGC Mod

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 05:09:27 UTC
From: <lphebus@...>
Topic: 2411 Message: 2418

I had the same problem. As it turned out, the front panel (with the lighted display and the buttons) had worked loose a little during the install. It seems like a mm or two made all the difference. I pushed on the display board (front) toward the back of the radio and all was well. Whew!!!

I hope this message was clear.

---In X1M_QRP-Transceiver@yahoogroups.com, <rickmac06@...> wrote:

Well I wish that I had better news. Just finished installing the AGC board and now the radio will not power up. I do see a load on the poweer supply when I flip the switch. Measuring across pin 5 of MC1350 I only get MvoltsDC and the pot R1 on the board has no affect of raising it into the volts. Any ideas before I take the mod out and try to get radio back to pre agc install config?

Thanks, John.

2419. Success !!! All is well.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 16:08:06 UTC
From: rickmac06@frontier.com
Topic: 2416 Message: 2419

Greetings guys and thank all of you for your help. Got it all working at about 2am this morning. For those that are curious here is what I did wrong that caused my problems.

(1) The lack of power - I resolved this one quickly and tried to delete my post from the list before anybody saw it. You guys are quick. I had taken the top board out to get a better look at doing the (gain mod) under the board. When I put the board back in the alignment of the rear connector pins was not good. All pins were out of sequence. I'm dang lucky that I did not blow my radio. I cannot believe how brain dead I was on that one.

2) Lack of audio - Dale you caught my mistake. I had set the voltage to high at 4.7vdc instead of 4.17 as the manual clearly calls for. Once again brain dead because I was reading from the manual when I made the adjustment. After setting the voltage correctly the audio came alive.

I've only spent a few minutes testing the AGC this morning but it seems to be working very well. Certainly worth the effort.

The kit was not not difficult to put together. The directions were very good with the exception of needing a bit more explanation with regard to the (gain mod). The posted picture of the mod did not help me at first because my board is laid out a bit different than the one in the photo. I was unclear what was needed from the description from the manual "shorting out resistor R80C" In all fairness any seasoned kit builder or electronics guy would not have had a problem figuring it out. Thanks goes out to Charlie W5COV for helping me sort this one out.

For the less experienced builder I would offer this advice.

1)Work very slowly. Check and double check your steps. There is NO need to remove any boards. That includes the gain mod. The jump points are on the edge of the underside of the top board. The idea here is to put one end of your jumper on pin1 of LM386 IC (bypassing the resistor next to pin1) over to the small capacitor as shown in the photo in the mod section called "X1M-PRO Increased RX Gain Modification - Pictures" You can follow the trace from pin1 to the resistor to the capacitor. Refer to the photo to see which side of the cap to connect to.

2)Do not work on the installation when you are tired. It can wait
until you are fresh and have all brain cells on board.

3)If you encounter a problem do not panic. The guys here on the user
group are friendly and very helpful. Don't be afraid to ask for help.

This was a fun project. The AGC is working great. It is well within reach of anyone that can solder and follow directions. The problems that I had were a reflection of a lack of attention to reassembly of the radio (which was not needed for the mod)and not double checking my voltage as prescribed in the installation manual.

I would like to thank Charlie, Onionman, and Dale for helping me sort out my oversight. Kind regards and thanks so much! You guys are great.

John KC9YAW

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> 4.7VDC is too high a voltage on pin 5. Turn it back to about 4.17 or even lower as in the manual.
>
> Dale W4OP----- Original Message -----
> From: rickmac06@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Tuesday, November 19, 2013 12:04 AM
> Subject: [X1M_QRP-Transceiver] AGC Mod but I have no audio output
>
>
>
> The AGC Board is installed. The radio powers up and I get the customary beep. After power up no audio output at all out the speaker. I even plugged in an external speaker, but no joy. I do have 4.7VDC on pin5 of MC1350. The mute button is not on. Any ideas? Thanks, John.
>
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13
>

2420. Re: [X1M_QRP-Transceiver] Success !!! All is well.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 16:30:13 UTC
From: Dale Parfitt
Topic: 2416 Message: 2420

Made my day. I have been thinking about your install all morning.
BTW, for others that are interested- the MC1350 appears to run at full gain with somewhere around 4.1VDC on Pin 5. The manufacturer set this voltage with the on board pot. It only takes about 250mV change to reduce the gain from wide open to about -60dB or so. Pin 5 is actualy current controlled despite what the mfg graph shows. So, if one sets pin 5 at 4.7VDC, the system gain is drastically reduced.
It would require an extremely strong signal to be heard at all.

One might think that instead of doing the AF gain mod, I'll just run the preamp full time. The issue here is that when a radio has the preamp turned on, important specs, like IP3 get reduced by the gain figure of the preamp. Here at my QTH, if I engage the preamp on 160M, I hear intermod/crossmod all across the band. By doing the AF Gain mod, you increase system gain with no impact upon front end spec characteristics.

If the member who posted the photo of the AF Gain mod will give me his permission, I'll add that photo and some text to the AGC manual.

There is only one resistance check that is meaningful on the completed AGC board (before installation) and that is from pad W1 to pad W2. Put your red probe on W1 and black probe on W2. Charlie measured 10.4K resistance- just a crude check that at least the +9VDC line is not shorted. I'll add this to the manual also.

73,

Dale W4OP
----- Original Message -----
From: rickmac06@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 19, 2013 11:08 AM
Subject: [X1M_QRP-Transceiver] Success !!! All is well.

Greetings guys and thank all of you for your help. Got it all working at about 2am this morning. For those that are curious here is what I did wrong that caused my problems.

(1) The lack of power - I resolved this one quickly and tried to delete my post from the list before anybody saw it. You guys are quick. I had taken the top board out to get a better look at doing the (gain mod) under the board. When I put the board back in the alignment of the rear connector pins was not good. All pins were out of sequence. I'm dang lucky that I did not blow my radio. I cannot believe how brain dead I was on that one.

2) Lack of audio - Dale you caught my mistake. I had set the voltage to high at 4.7vdc instead of 4.17 as the manual clearly calls for. Once again brain dead because I was reading from the manual when I made the adjustment. After setting the voltage correctly the audio came alive.

I've only spent a few minutes testing the AGC this morning but it seems to be working very well. Certainly worth the effort.

The kit was not not difficult to put together. The directions were very good with the exception of needing a bit more explanation with regard to the (gain mod). The posted picture of the mod did not help me at first because my board is laid out a bit different than the one in the photo. I was unclear what was needed from the description from the manual "shorting out resistor R80C" In all fairness any seasoned kit builder or electronics guy would not have had a problem figuring it out. Thanks goes out to Charlie W5COV for helping me sort this one out.

For the less experienced builder I would offer this advice.

1)Work very slowly. Check and double check your steps. There is NO need to remove any boards. That includes the gain mod. The jump points are on the edge of the underside of the top board. The idea here is to put one end of your jumper on pin1 of LM386 IC (bypassing the resistor next to pin1) over to the small capacitor as shown in the photo in the mod section called "X1M-PRO Increased RX Gain Modification - Pictures" You can follow the trace from pin1 to the resistor to the capacitor. Refer to the photo to see which side of the cap to connect to.

2)Do not work on the installation when you are tired. It can wait
until you are fresh and have all brain cells on board.

3)If you encounter a problem do not panic. The guys here on the user
group are friendly and very helpful. Don't be afraid to ask for help.

This was a fun project. The AGC is working great. It is well within reach of anyone that can solder and follow directions. The problems that I had were a reflection of a lack of attention to reassembly of the radio (which was not needed for the mod)and not double checking my voltage as prescribed in the installation manual.

I would like to thank Charlie, Onionman, and Dale for helping me sort out my oversight. Kind regards and thanks so much! You guys are great.

John KC9YAW

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> 4.7VDC is too high a voltage on pin 5. Turn it back to about 4.17 or even lower as in the manual.
>
> Dale W4OP----- Original Message -----
> From: rickmac06@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Tuesday, November 19, 2013 12:04 AM
> Subject: [X1M_QRP-Transceiver] AGC Mod but I have no audio output
>
>
>
> The AGC Board is installed. The radio powers up and I get the customary beep. After power up no audio output at all out the speaker. I even plugged in an external speaker, but no joy. I do have 4.7VDC on pin5 of MC1350. The mute button is not on. Any ideas? Thanks, John.
>
>

>
>
> No virus found in this message.
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>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2421. Re: [X1M_QRP-Transceiver] Success !!! All is well.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 16:38:08 UTC
From: mikejmardis@...
Topic: 2416 Message: 2421

I am meter stupid. Not ignorant, stupid!!! This building and testing is new to me and I'm really digging it!
When I test the board, am I testing for a voltage drop or Ohms?
Mike
N1SPZ

Sent from my iPhone

> On Nov 19, 2013, at 11:30, "Dale Parfitt" <parinc1@...> wrote:
>
> Made my day. I have been thinking about your install all morning.
> BTW, for others that are interested- the MC1350 appears to run at full gain with somewhere around 4.1VDC on Pin 5. The manufacturer set this voltage with the on board pot. It only takes about 250mV change to reduce the gain from wide open to about -60dB or so. Pin 5 is actualy current controlled despite what the mfg graph shows. So, if one sets pin 5 at 4.7VDC, the system gain is drastically reduced.
> It would require an extremely strong signal to be heard at all.
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> One might think that instead of doing the AF gain mod, I'll just run the preamp full time. The issue here is that when a radio has the preamp turned on, important specs, like IP3 get reduced by the gain figure of the preamp. Here at my QTH, if I engage the preamp on 160M, I hear intermod/crossmod all across the band. By doing the AF Gain mod, you increase system gain with no impact upon front end spec characteristics.
>
> If the member who posted the photo of the AF Gain mod will give me his permission, I'll add that photo and some text to the AGC manual.
>
> There is only one resistance check that is meaningful on the completed AGC board (before installation) and that is from pad W1 to pad W2. Put your red probe on W1 and black probe on W2. Charlie measured 10.4K resistance- just a crude check that at least the +9VDC line is not shorted. I'll add this to the manual also.
>
> 73,
>
> Dale W4OP
> ----- Original Message -----
> From: rickmac06@frontier.com
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Tuesday, November 19, 2013 11:08 AM
> Subject: [X1M_QRP-Transceiver] Success !!! All is well.
>
>
> Greetings guys and thank all of you for your help. Got it all working at about 2am this morning. For those that are curious here is what I did wrong that caused my problems.
>

> (1) The lack of power - I resolved this one quickly and tried to delete my post from the list before anybody saw it. You guys are quick. I had taken the top board out to get a better look at doing the (gain mod) under the board. When I put the board back in the alignment of the rear connector pins was not good. All pins were out of sequence. I'm dang lucky that I did not blow my radio. I cannot believe how brain dead I was on that one.
>
> 2) Lack of audio - Dale you caught my mistake. I had set the voltage to high at 4.7vdc instead of 4.17 as the manual clearly calls for. Once again brain dead because I was reading from the manual when I made the adjustment. After setting the voltage correctly the audio came alive.
>
> I've only spent a few minutes testing the AGC this morning but it seems to be working very well. Certainly worth the effort.
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> The kit was not not difficult to put together. The directions were very good with the exception of needing a bit more explanation with regard to the (gain mod). The posted picture of the mod did not help me at first because my board is laid out a bit different than the one in the photo. I was unclear what was needed from the description from the manual "shorting out resistor R80C" In all fairness any seasoned kit builder or electronics guy would not have had a problem figuring it out. Thanks goes out to Charlie W5COV for helping me sort this one out.
>
> For the less experienced builder I would offer this advice.
>
> 1)Work very slowly. Check and double check your steps. There is NO need to remove any boards. That includes the gain mod. The jump points are on the edge of the underside of the top board. The idea here is to put one end of your jumper on pin1 of LM386 IC (bypassing the resistor next to pin1) over to the small capacitor as shown in the photo in the mod section called "X1M-PRO Increased RX Gain Modification - Pictures" You can follow the trace from pin1 to the resistor to the capacitor. Refer to the photo to see which side of the cap to connect to.
>
> 2)Do not work on the installation when you are tired. It can wait
> until you are fresh and have all brain cells on board.
>
> 3)If you encounter a problem do not panic. The guys here on the user
> group are friendly and very helpful. Don't be afraid to ask for help.
>
> This was a fun project. The AGC is working great. It is well within reach of anyone that can solder and follow directions. The problems that I had were a reflection of a lack of attention to reassembly of the radio (which was not needed for the mod)and not double checking my voltage as prescribed in the installation manual.
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>
> John KC9YAW
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
> >

> > 4.7VDC is too high a voltage on pin 5. Turn it back to about 4.17 or even lower as in the manual.
> >
> > Dale W4OP----- Original Message -----
> > From: rickmac06@...
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Sent: Tuesday, November 19, 2013 12:04 AM
> > Subject: [X1M_QRP-Transceiver] AGC Mod but I have no audio output
> >
> >
> >
> > The AGC Board is installed. The radio powers up and I get the customary beep. After power up no audio output at all out the speaker. I even plugged in an external speaker, but no joy. I do have 4.7VDC on pin5 of MC1350. The mute button is not on. Any ideas? Thanks, John.
> >
> >
> >
> >
> > No virus found in this message.
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> >
>
>
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> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13
>
>

2422. Re: [X1M_QRP-Transceiver] Success !!! All is well.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 16:43:39 UTC
From: Dale Parfitt
Topic: 2416 Message: 2422

Hi Mike,
If you are referring to the W1 to W2 test, you are testing the resistance between the pads. Because semiconductors are involved, it is important that the (+) lead of the ohm meter be on pad W1. I do not have an uninstalled board here to test, so I cannot confirm that polarity makes a difference- maybe someone can do that test. Until then, just observe the red probe on pad W1.

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 19, 2013 11:38 AM
Subject: Re: [X1M_QRP-Transceiver] Success !!! All is well.

I am meter stupid. Not ignorant, stupid!!! This building and testing is new to me and I'm really digging it!
When I test the board, am I testing for a voltage drop or Ohms?
Mike
N1SPZ

Sent from my iPhone

On Nov 19, 2013, at 11:30, "Dale Parfitt" <parinc1@...> wrote:

Made my day. I have been thinking about your install all morning.
BTW, for others that are interested- the MC1350 appears to run at full gain with somewhere around 4.1VDC on Pin 5. The manufacturer set this voltage with the on board pot. It only takes about 250mV change to reduce the gain from wide open to about -60dB or so. Pin 5 is actualy current controlled despite what the mfg graph shows. So, if one sets pin 5 at 4.7VDC, the system gain is drastically reduced.
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If the member who posted the photo of the AF Gain mod will give me his permission, I'll add that photo and some text to the AGC manual.

There is only one resistance check that is meaningful on the completed AGC board (before installation) and that is from pad W1 to pad W2. Put your red probe on W1 and black probe on W2. Charlie measured 10.4K resistance- just a crude check that at least the +9VDC line is not shorted. I'll add this to the manual also.

73,

Dale W4OP
----- Original Message -----
From: rickmac06@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 19, 2013 11:08 AM
Subject: [X1M_QRP-Transceiver] Success !!! All is well.

Greetings guys and thank all of you for your help. Got it all working at about 2am this morning. For those that are curious here is what I did wrong that caused my problems.

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2) Lack of audio - Dale you caught my mistake. I had set the voltage to high at 4.7vdc instead of 4.17 as the manual clearly calls for. Once again brain dead because I was reading from the manual when I made the adjustment. After setting the voltage correctly the audio came alive.

I've only spent a few minutes testing the AGC this morning but it seems to be working very well. Certainly worth the effort.

The kit was not not difficult to put together. The directions were very good with the exception of needing a bit more explanation with regard to the (gain mod). The posted picture of the mod did not help me at first because my board is laid out a bit different than the one in the photo. I was unclear what was needed from the description from the manual "shorting out resistor R80C" In all fairness any seasoned kit builder or electronics guy would not have had a problem figuring it out. Thanks goes out to Charlie W5COV for helping me sort this one out.

For the less experienced builder I would offer this advice.

1)Work very slowly. Check and double check your steps. There is NO need to remove any boards. That includes the gain mod. The jump points are on the edge of the underside of the top board. The idea here is to put one end of your jumper on pin1 of LM386 IC (bypassing the resistor next to pin1) over to the small capacitor as shown in the photo in the mod section called "X1M-PRO Increased RX Gain Modification - Pictures" You can follow the trace from pin1 to the resistor to the capacitor. Refer to the photo to see which side of the cap to connect to.

2)Do not work on the installation when you are tired. It can wait
until you are fresh and have all brain cells on board.

3)If you encounter a problem do not panic. The guys here on the user
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This was a fun project. The AGC is working great. It is well within reach of anyone that can solder and follow directions. The problems that I had were a reflection of a lack of attention to reassembly of the radio (which was not needed for the mod)and not double checking my voltage as prescribed in the installation manual.

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> To: X1M_QRP-Transceiver@yahoogroups.com
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> Subject: [X1M_QRP-Transceiver] AGC Mod but I have no audio output
>
>
>
> The AGC Board is installed. The radio powers up and I get the customary beep. After power up no audio output at all out the speaker. I even plugged in an external speaker, but no joy. I do have 4.7VDC on pin5 of MC1350. The mute button is not on. Any ideas? Thanks, John.
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2423. Re: [X1M_QRP-Transceiver] Success !!! All is well.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 16:45:13 UTC
From: mikejmardis@...
Topic: 2416 Message: 2423

Thanks for your patience Dale.
Mike
N1SPZ

Sent from my iPhone

> On Nov 19, 2013, at 11:43, "Dale Parfitt" <parinc1@...> wrote:
>
> □
>
> Hi Mike,
> If you are referring to the W1 to W2 test, you are testing the resistance between the pads. Because semiconductors are involved, it is important that the (+) lead of the ohm meter be on pad W1. I do not have an uninstalled board here to test, so I cannot confirm that polarity makes a difference- maybe someone can do that test. Until then, just observe the red probe on pad W1.
>
> Dale W4OP
> ----- Original Message -----
> From: mikejmardis@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Tuesday, November 19, 2013 11:38 AM
> Subject: Re: [X1M_QRP-Transceiver] Success !!! All is well.
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>
> I am meter stupid. Not ignorant, stupid!!! This building and testing is new to me and I'm really digging it!
> When I test the board, am I testing for a voltage drop or Ohms?
> Mike
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>> On Nov 19, 2013, at 11:30, "Dale Parfitt" <parinc1@...> wrote:
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>> Made my day. I have been thinking about your install all morning.
>> BTW, for others that are interested- the MC1350 appears to run at full gain with somewhere around 4.1VDC on Pin 5. The manufacturer set this voltage with the on board pot. It only takes about 250mV change to reduce the gain from wide open to about -60dB or so. Pin 5 is actualy current controlled despite what the mfg graph shows. So, if one sets pin 5 at 4.7VDC, the system gain is drastically reduced.
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>>
>> 73,
>>
>> Dale W4OP
>> ----- Original Message -----
>> From: rickmac06@frontier.com
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: Tuesday, November 19, 2013 11:08 AM
>> Subject: [X1M_QRP-Transceiver] Success !!! All is well.
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>>
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>> 2)Do not work on the installation when you are tired. It can wait
>> until you are fresh and have all brain cells on board.

>>
>> 3)If you encounter a problem do not panic. The guys here on the user
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>> I would like to thank Charlie, Onionman, and Dale for helping me sort out my oversight. Kind regards and thanks so much! You guys are great.
>>
>> John KC9YAW
>>
>> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>> >
>> > 4.7VDC is too high a voltage on pin 5. Turn it back to about 4.17 or even lower as in the manual.
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>> > From: rickmac06@...
>> > To: X1M_QRP-Transceiver@yahoogroups.com
>> > Sent: Tuesday, November 19, 2013 12:04 AM
>> > Subject: [X1M_QRP-Transceiver] AGC Mod but I have no audio output
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>> > The AGC Board is installed. The radio powers up and I get the customary beep. After power up no audio output at all out the speaker. I even plugged in an external speaker, but no joy. I do have 4.7VDC on pin5 of MC1350. The mute button is not on. Any ideas? Thanks, John.
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>

2424. Re: [X1M_QRP-Transceiver] Success !!! All is well.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 16:50:15 UTC
From: Dale Parfitt
Topic: 2416 Message: 2424

May I share that comment with my XYL?

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@...m
Sent: Tuesday, November 19, 2013 11:45 AM
Subject: Re: [X1M_QRP-Transceiver] Success !!! All is well.

Thanks for your patience Dale.
Mike
N1SPZ

Sent from my iPhone

On Nov 19, 2013, at 11:43, "Dale Parfitt" <parinc1@...> wrote:

☐

Hi Mike,
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----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 19, 2013 11:38 AM
Subject: Re: [X1M_QRP-Transceiver] Success !!! All is well.

I am meter stupid. Not ignorant, stupid!!! This building and testing is new to me and I'm really digging it!
When I test the board, am I testing for a voltage drop or Ohms?
Mike
N1SPZ

Sent from my iPhone

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Made my day. I have been thinking about your install all morning.
BTW, for others that are interested- the MC1350 appears to run at full gain with somewhere around 4.1VDC on Pin 5. The manufacturer set this voltage with the on board pot. It only takes about 250mV change to reduce the gain from wide open to about -60dB or so. Pin 5 is actualy current controlled despite what the mfg graph shows. So, if one sets pin 5 at

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> The AGC Board is installed. The radio powers up and I get the customary beep. After power up no audio output at all out the speaker. I even plugged in an external speaker, but no joy. I do have 4.7VDC on pin5 of MC1350. The mute button is not on. Any ideas? Thanks, John.
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Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2425. Re: [X1M_QRP-Transceiver] Success !!! All is well.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 16:53:32 UTC
From: Charlie , W5COV
Topic: 2416 Message: 2425

ROFL !! Yeah sure you can Dale , think she will buy it ??

Charlie

On 11/19/2013 10:50 AM, Dale Parfitt wrote:
>
> □
>
> May I share that comment with my XYL?
> Dale W4OP
>
> ----- Original Message -----
> *From:* mikejmardis@... <mailto:mikejmardis@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Tuesday, November 19, 2013 11:45 AM
> *Subject:* Re: [X1M_QRP-Transceiver] Success !!! All is well.
>
> Thanks for your patience Dale.
> Mike
> N1SPZ
>
> Sent from my iPhone
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> On Nov 19, 2013, at 11:43, "Dale Parfitt" <parinc1@...
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>> *Sent:* Tuesday, November 19, 2013 11:38 AM
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>>> *From:* rickmac06@...
>>> <mailto:rickmac06@...>
>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
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>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
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>>> get the customary beep. After power up no audio output
>>> at all out the speaker. I even plugged in an external
>>> speaker, but no joy. I do have 4.7VDC on pin5 of MC1350.
>>> The mute button is not on. Any ideas? Thanks, John.
>>> >
>>> >
>>> >

>>> >
>>> > No virus found in this message.
>>> > Checked by AVG - www.avg.com <http://www.avg.com>
>>> > Version: 2014.0.4158 / Virus Database: 3629/6834 -
>>> Release Date: 11/13/13
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> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date:
> 11/13/13
>
>

2426. Re: [X1M_QRP-Transceiver] Success !!! All is well.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 16:58:15 UTC
From: Charlie , W5COV
Topic: 2416 Message: 2426

Polarity doesn't make a difference so just looking to see no shorts or high current path for any reason. Looks like something in the neighborhood of 10 K would be a good approximate number .

Charlie , W5COV

On 11/19/2013 10:43 AM, Dale Parfitt wrote:
>
> □
>
> Hi Mike,
> If you are referring to the W1 to W2 test, you are testing the
> resistance between the pads. Because semiconductors are involved, it
> is important that the (+) lead of the ohm meter be on pad W1. I do not
> have an uninstalled board here to test, so I cannot confirm that
> polarity makes a difference- maybe someone can do that test. Until
> then, just observe the red probe on pad W1.
> Dale W4OP
>
> ----- Original Message -----
> *From:* mikejmardis@... <mailto:mikejmardis@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Tuesday, November 19, 2013 11:38 AM
> *Subject:* Re: [X1M_QRP-Transceiver] Success !!! All is well.
>
> I am meter stupid. Not ignorant, stupid!!! This building and
> testing is new to me and I'm really digging it!
> When I test the board, am I testing for a voltage drop or Ohms?
> Mike
> N1SPZ
>
> Sent from my iPhone
>
> On Nov 19, 2013, at 11:30, "Dale Parfitt" <parinc1@...
> <mailto:parinc1@...>> wrote:
>
>> Made my day. I have been thinking about your install all morning.
>> BTW, for others that are interested- the MC1350 appears to run at
>> full gain with somewhere around 4.1VDC on Pin 5. The manufacturer
>> set this voltage with the on board pot. It only takes about 250mV
>> change to reduce the gain from wide open to about -60dB or so.
>> Pin 5 is actualy current controlled despite what the mfg graph
>> shows. So, if one sets pin 5 at 4.7VDC, the system gain is
>> drastically reduced.

>> It would require an extremely strong signal to be heard at all.
>> One might think that instead of doing the AF gain mod, I'll just
>> run the preamp full time. The issue here is that when a radio has
>> the preamp turned on, important specs, like IP3 get reduced by
>> the gain figure of the preamp. Here at my QTH, if I engage the
>> preamp on 160M, I hear intermod/crossmod all across the band. By
>> doing the AF Gain mod, you increase system gain with no impact
>> upon front end spec characteristics.
>> If the member who posted the photo of the AF Gain mod will give
>> me his permission, I'll add that photo and some text to the AGC
>> manual.
>> There is only one resistance check that is meaningful on the
>> completed AGC board (before installation) and that is from pad W1
>> to pad W2. Put your red probe on W1 and black probe on W2.
>> Charlie measured 10.4K resistance- just a crude check that at
>> least the +9VDC line is not shorted. I'll add this to the manual
>> also.
>> 73,
>> Dale W4OP
>> ----- Original Message -----
>>
>> *From:* rickmac06@... <mailto:rickmac06@...>
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>> *Sent:* Tuesday, November 19, 2013 11:08 AM
>> *Subject:* [X1M_QRP-Transceiver] Success !!! All is well.
>>
>> Greetings guys and thank all of you for your help. Got it all
>> working at about 2am this morning. For those that are curious
>> here is what I did wrong that caused my problems.
>>
>> (1) The lack of power - I resolved this one quickly and tried
>> to delete my post from the list before anybody saw it. You
>> guys are quick. I had taken the top board out to get a better
>> look at doing the (gain mod) under the board. When I put the
>> board back in the alignment of the rear connector pins was
>> not good. All pins were out of sequence. I'm dang lucky that
>> I did not blow my radio. I cannot believe how brain dead I
>> was on that one.
>>
>> 2) Lack of audio - Dale you caught my mistake. I had set the
>> voltage to high at 4.7vdc instead of 4.17 as the manual
>> clearly calls for. Once again brain dead because I was
>> reading from the manual when I made the adjustment. After
>> setting the voltage correctly the audio came alive.
>>
>> I've only spent a few minutes testing the AGC this morning
>> but it seems to be working very well. Certainly worth the effort.
>>

>> The kit was not not difficult to put together. The directions
>> were very good with the exception of needing a bit more
>> explanation with regard to the (gain mod). The posted picture
>> of the mod did not help me at first because my board is laid
>> out a bit different than the one in the photo. I was unclear
>> what was needed from the description from the manual
>> "shorting out resistor R80C" In all fairness any seasoned kit
>> builder or electronics guy would not have had a problem
>> figuring it out. Thanks goes out to Charlie W5COV for helping
>> me sort this one out.
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>> For the less experienced builder I would offer this advice.
>>
>> 1)Work very slowly. Check and double check your steps. There
>> is NO need to remove any boards. That includes the gain mod.
>> The jump points are on the edge of the underside of the top
>> board. The idea here is to put one end of your jumper on pin1
>> of LM386 IC (bypassing the resistor next to pin1) over to the
>> small capacitor as shown in the photo in the mod section
>> called "X1M-PRO Increased RX Gain Modification - Pictures"
>> You can follow the trace from pin1 to the resistor to the
>> capacitor. Refer to the photo to see which side of the cap to
>> connect to.
>>
>> 2)Do not work on the installation when you are tired. It can wait
>> until you are fresh and have all brain cells on board.
>>
>> 3)If you encounter a problem do not panic. The guys here on
>> the user
>> group are friendly and very helpful. Don't be afraid to ask
>> for help.
>>
>> This was a fun project. The AGC is working great. It is well
>> within reach of anyone that can solder and follow directions.
>> The problems that I had were a reflection of a lack of
>> attention to reassembly of the radio (which was not needed
>> for the mod)and not double checking my voltage as prescribed
>> in the installation manual.
>>
>> I would like to thank Charlie, Onionman, and Dale for helping
>> me sort out my oversight. Kind regards and thanks so much!
>> You guys are great.
>>
>> John KC9YAW
>>
>> --- In X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>, "Dale Parfitt"
>> <parinc1@...> wrote:
>> >

>> > 4.7VDC is too high a voltage on pin 5. Turn it back to
>> about 4.17 or even lower as in the manual.
>> >
>> > Dale W4OP----- Original Message -----
>> > From: rickmac06@...
>> > To: X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>> > Sent: Tuesday, November 19, 2013 12:04 AM
>> > Subject: [X1M_QRP-Transceiver] AGC Mod but I have no audio
>> output
>> >
>> >
>> >
>> > The AGC Board is installed. The radio powers up and I get
>> the customary beep. After power up no audio output at all out
>> the speaker. I even plugged in an external speaker, but no
>> joy. I do have 4.7VDC on pin5 of MC1350. The mute button is
>> not on. Any ideas? Thanks, John.
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>> > No virus found in this message.
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> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date:
> 11/13/13
>
>

2427. Re: [X1M_QRP-Transceiver] Success !!! All is well.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 17:02:02 UTC
From: Dale Parfitt
Topic: 2416 Message: 2427

It will come as a surprise to her.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 19, 2013 11:53 AM
Subject: Re: [X1M_QRP-Transceiver] Success !!! All is well.

ROFL !! Yeah sure you can Dale , think she will buy it ??

Charlie

On 11/19/2013 10:50 AM, Dale Parfitt wrote:

☐

May I share that comment with my XYL?

Dale W4OP
----- Original Message -----
From: mikejmardis@aol.com
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 19, 2013 11:45 AM
Subject: Re: [X1M_QRP-Transceiver] Success !!! All is well.

Thanks for your patience Dale.
Mike
N1SPZ

Sent from my iPhone

On Nov 19, 2013, at 11:43, "Dale Parfitt" <parinc1@...> wrote:

☐

Hi Mike,
If you are referring to the W1 to W2 test, you are testing the resistance between the pads. Because semiconductors are involved, it is important that the (+) lead of the ohm meter be on pad W1. I do not have an uninstalled board here to test, so I cannot confirm that polarity makes a difference- maybe someone can do that test. Until then, just observe the red probe on pad W1.

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 19, 2013 11:38 AM

Subject: Re: [X1M_QRP-Transceiver] Success !!! All is well.

I am meter stupid. Not ignorant, stupid!!! This building and testing is new to me and I'm really digging it!
When I test the board, am I testing for a voltage drop or Ohms?
Mike
N1SPZ

Sent from my iPhone

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Made my day. I have been thinking about your install all morning.
BTW, for others that are interested- the MC1350 appears to run at full gain with somewhere around 4.1VDC on Pin 5. The manufacturer set this voltage with the on board pot. It only takes about 250mV change to reduce the gain from wide open to about -60dB or so. Pin 5 is actualy current controlled despite what the mfg graph shows. So, if one sets pin 5 at 4.7VDC, the system gain is drastically reduced.
It would require an extremely strong signal to be heard at all.

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If the member who posted the photo of the AF Gain mod will give me his permission, I'll add that photo and some text to the AGC manual.

There is only one resistance check that is meaningful on the completed AGC board (before installation) and that is from pad W1 to pad W2. Put your red probe on W1 and black probe on W2. Charlie measured 10.4K resistance- just a crude check that at least the +9VDC line is not shorted. I'll add this to the manual also.

73,

Dale W4OP
----- Original Message -----
From: rickmac06@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 19, 2013 11:08 AM
Subject: [X1M_QRP-Transceiver] Success !!! All is well.

Greetings guys and thank all of you for your help. Got it all working at about 2am this morning. For those that are curious here is what I did wrong that caused my problems.

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2) Lack of audio - Dale you caught my mistake. I had set the voltage to high at 4.7vdc instead of 4.17 as the manual clearly calls for. Once again brain dead because I was reading from the manual when I made the adjustment. After setting the voltage correctly the audio came alive.

I've only spent a few minutes testing the AGC this morning but it seems to be working very well. Certainly worth the effort.

The kit was not not difficult to put together. The directions were very good with the exception of needing a bit more explanation with regard to the (gain mod). The posted picture of the mod did not help me at first because my board is laid out a bit different than the one in the photo. I was unclear what was needed from the description from the manual "shorting out resistor R80C" In all fairness any seasoned kit builder or electronics guy would not have had a problem figuring it out. Thanks goes out to Charlie W5COV for helping me sort this one out.

For the less experienced builder I would offer this advice.

1)Work very slowly. Check and double check your steps. There is NO need to remove any boards. That includes the gain mod. The jump points are on the edge of the underside of the top board. The idea here is to put one end of your jumper on pin1 of LM386 IC (bypassing the resistor next to pin1) over to the small capacitor as shown in the photo in the mod section called "X1M-PRO Increased RX Gain Modification - Pictures" You can follow the trace from pin1 to the resistor to the capacitor. Refer to the photo to see which side of the cap to connect to.

2)Do not work on the installation when you are tired. It can wait
until you are fresh and have all brain cells on board.

3)If you encounter a problem do not panic. The guys here on the user
group are friendly and very helpful. Don't be afraid to ask for help.

This was a fun project. The AGC is working great. It is well within reach of anyone that can solder and follow directions. The problems that I had were a reflection of a lack of attention to reassembly of the radio (which was not needed for the mod)and not double checking my voltage as prescribed in the installation manual.

I would like to thank Charlie, Onionman, and Dale for helping me sort out my oversight. Kind regards and thanks so much! You guys are great.

John KC9YAW

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> 4.7VDC is too high a voltage on pin 5. Turn it back to about 4.17 or even lower as in the manual.
>
> Dale W4OP----- Original Message -----
> From: rickmac06@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Tuesday, November 19, 2013 12:04 AM
> Subject: [X1M_QRP-Transceiver] AGC Mod but I have no audio output
>
>

>
> The AGC Board is installed. The radio powers up and I get the customary beep. After power up no audio output at all out the speaker. I even plugged in an external speaker, but no joy. I do have 4.7VDC on pin5 of MC1350. The mute button is not on. Any ideas? Thanks, John.
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>
>
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> No virus found in this message.
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Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2428. Re: [X1M_QRP-Transceiver] Success !!! All is well.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 17:05:35 UTC
From: Charlie , W5COV
Topic: 2416 Message: 2428

GREAT NEWS John !!! This is one of the best groups around period !!
Hams helping hams get maximum enjoyment out of this radio and I think we
all learn something along the way .

Everyone brings some different experience to the table , so when all of
that knowledge is combined and shared , the group can handle pretty much
any issues .

Seems as if I meet a new friend on here every day . More of a family
atmosphere and we try hard to keep it a friendly one too . I like it
when I feel at ease addressing someone by name and if I hear them on the
air I will likely recognize their call too and try to work them .

Charlie , W5COV
On 11/19/2013 10:08 AM, rickmac06@... wrote:
>
> Greetings guys and thank all of you for your help. Got it all working
> at about 2am this morning. For those that are curious here is what I
> did wrong that caused my problems.
>
> (1) The lack of power - I resolved this one quickly and tried to
> delete my post from the list before anybody saw it. You guys are
> quick. I had taken the top board out to get a better look at doing the
> (gain mod) under the board. When I put the board back in the alignment
> of the rear connector pins was not good. All pins were out of
> sequence. I'm dang lucky that I did not blow my radio. I cannot
> believe how brain dead I was on that one.
>
> 2) Lack of audio - Dale you caught my mistake. I had set the voltage
> to high at 4.7vdc instead of 4.17 as the manual clearly calls for.
> Once again brain dead because I was reading from the manual when I
> made the adjustment. After setting the voltage correctly the audio
> came alive.
>
> I've only spent a few minutes testing the AGC this morning but it
> seems to be working very well. Certainly worth the effort.
>
> The kit was not not difficult to put together. The directions were
> very good with the exception of needing a bit more explanation with
> regard to the (gain mod). The posted picture of the mod did not help
> me at first because my board is laid out a bit different than the one
> in the photo. I was unclear what was needed from the description from
> the manual "shorting out resistor R80C" In all fairness any seasoned
> kit builder or electronics guy would not have had a problem figuring
> it out. Thanks goes out to Charlie W5COV for helping me sort this one
> out.

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> For the less experienced builder I would offer this advice.
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> 1)Work very slowly. Check and double check your steps. There is NO
> need to remove any boards. That includes the gain mod. The jump points
> are on the edge of the underside of the top board. The idea here is to
> put one end of your jumper on pin1 of LM386 IC (bypassing the resistor
> next to pin1) over to the small capacitor as shown in the photo in the
> mod section called "X1M-PRO Increased RX Gain Modification - Pictures"
> You can follow the trace from pin1 to the resistor to the capacitor.
> Refer to the photo to see which side of the cap to connect to.
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> 2)Do not work on the installation when you are tired. It can wait
> until you are fresh and have all brain cells on board.
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> 3)If you encounter a problem do not panic. The guys here on the user
> group are friendly and very helpful. Don't be afraid to ask for help.
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> reach of anyone that can solder and follow directions. The problems
> that I had were a reflection of a lack of attention to reassembly of
> the radio (which was not needed for the mod)and not double checking my
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> even lower as in the manual.
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> > From: rickmac06@...
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> > Sent: Tuesday, November 19, 2013 12:04 AM
> > Subject: [X1M_QRP-Transceiver] AGC Mod but I have no audio output
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> >
> > The AGC Board is installed. The radio powers up and I get the
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>
>

2429. Re: [X1M_QRP-Transceiver] Success !!! All is well.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 17:07:55 UTC
From: mikejmardis@...
Topic: 2416 Message: 2429

You have that problem too? Sure. Just don't send me a msg like that. You'll kill my wife with laughter.

Sent from my iPhone

> On Nov 19, 2013, at 11:50, "Dale Parfitt" <parinc1@...> wrote:
>
> □
>
> May I share that comment with my XYL?
>
> Dale W4OP
> ----- Original Message -----
> From: mikejmardis@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Tuesday, November 19, 2013 11:45 AM
> Subject: Re: [X1M_QRP-Transceiver] Success !!! All is well.
>
>
> Thanks for your patience Dale.
> Mike
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>> Dale W4OP
>> ----- Original Message -----
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>> Subject: Re: [X1M_QRP-Transceiver] Success !!! All is well.
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>>

>> I am meter stupid. Not ignorant, stupid!!! This building and testing is new to me and I'm really digging it!
>> When I test the board, am I testing for a voltage drop or Ohms?
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>>> For the less experienced builder I would offer this advice.
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>>> 1)Work very slowly. Check and double check your steps. There is NO need to remove any boards. That includes the gain mod. The jump points are on the edge of the underside of the top board. The idea here is to put one end of your jumper on pin1 of LM386 IC (bypassing the resistor next to pin1) over to the small capacitor as shown in the photo in the mod section called "X1M-PRO Increased RX Gain Modification - Pictures" You can follow the trace from pin1 to the resistor to the capacitor. Refer to the photo to see which side of the cap to connect to.
>>>
>>> 2)Do not work on the installation when you are tired. It can wait
>>> until you are fresh and have all brain cells on board.
>>>
>>> 3)If you encounter a problem do not panic. The guys here on the user
>>> group are friendly and very helpful. Don't be afraid to ask for help.
>>>
>>> This was a fun project. The AGC is working great. It is well within reach of anyone that can solder and follow directions. The problems that I had were a reflection of a lack of attention to reassembly of the radio (which was not needed for the mod)and not double checking my voltage as prescribed in the installation manual.
>>>
>>> I would like to thank Charlie, Onionman, and Dale for helping me sort out my oversight. Kind regards and thanks so much! You guys are great.
>>>
>>> John KC9YAW
>>>
>>> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>>> >
>>> > 4.7VDC is too high a voltage on pin 5. Turn it back to about 4.17 or even lower as in the manual.
>>> >
>>> > Dale W4OP----- Original Message -----
>>> > From: rickmac06@...
>>> > To: X1M_QRP-Transceiver@yahoogroups.com
>>> > Sent: Tuesday, November 19, 2013 12:04 AM
>>> > Subject: [X1M_QRP-Transceiver] AGC Mod but I have no audio output
>>> >
>>> >
>>> >
>>> > The AGC Board is installed. The radio powers up and I get the customary beep. After power up no audio output at all out the speaker. I even plugged in an external speaker, but no joy. I do have 4.7VDC on pin5 of MC1350. The mute button is not on. Any ideas? Thanks, John.
>>> >

>>> >
>>> >
>>> >
>>> > No virus found in this message.
>>> > Checked by AVG - www.avg.com
>>> > Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13
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>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13
>
>

2430. BUILDERS LIST

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 17:09:05 UTC
From: Charlie , W5COV
Topic: 2430 Message: 2430

In the wee hours of the morning , I added a list of people that have volunteered to help others put the SMD AGC kit together .
Always room for more . If you want to add your name , please feel free to add it to the list .
It is on the group home page , under the Files section .

Charlie , W5COV

2431. Re: [X1M_QRP-Transceiver] BUILDERS LIST

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 17:15:50 UTC
From: mikejmardis@...
Topic: 2430 Message: 2431

I tried to do a new topic "Sked" but it won't go through on my iPhone.
I'm in SW CT. Anybody around to get on the air?
Mike
N1SPZ

Sent from my iPhone

> On Nov 19, 2013, at 12:09, "Charlie , W5COV" <cvest@...> wrote:
>
> In the wee hours of the morning , I added a list of people that have
> volunteered to help others put the SMD AGC kit together .
> Always room for more . If you want to add your name , please feel free
> to add it to the list .
> It is on the group home page , under the Files section .
>
> Charlie , W5COV
>

2432. Sked's

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 18:00:36 UTC
From: <mikejmardis@...>
Topic: 2432 Message: 2432

I hope to use this topic to get people together. Actually, I'm getting anxious and would like to hear one of these babies on the air. I'm around until 1:45 EST if anyone has time.

2433. Re: [X1M_QRP-Transceiver] Sked's

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 18:02:54 UTC
From: Dale Parfitt
Topic: 2432 Message: 2433

What band/freq?

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 19, 2013 1:00 PM
Subject: [X1M_QRP-Transceiver] Sked's

I hope to use this topic to get people together. Actually, I'm getting anxious and would like to hear one of these babies on the air. I'm around until 1:45 EST if anyone has time.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2434. Re: [X1M_QRP-Transceiver] Sked's

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 18:41:58 UTC
From: mikejmardis@...
Topic: 2432 Message: 2434

Where are you Dale. I'm thinking 10 or 17 meters SSB

Sent from my iPhone

> On Nov 19, 2013, at 13:02, "Dale Parfitt" <parinc1@...> wrote:
>
> □
>
> What band/freq?
>
> Dale W4OP
> ----- Original Message -----
> From: mikejmardis@...
> To: X1M_QRP-Transceiver@...m
> Sent: Tuesday, November 19, 2013 1:00 PM
> Subject: [X1M_QRP-Transceiver] Sked's
>
>
> I hope to use this topic to get people together. Actually, I'm getting anxious and would like to hear one of these babies on the air. I'm around until 1:45 EST if anyone has time.
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13
>
>

2435. Re: [X1M_QRP-Transceiver] Sked's

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 18:58:05 UTC
From: Dale Parfitt
Topic: 2432 Message: 2435

How about 14.345MHz? I can listen while I work.

Dale W4OP----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 19, 2013 1:41 PM
Subject: Re: [X1M_QRP-Transceiver] Sked's

Where are you Dale. I'm thinking 10 or 17 meters SSB

Sent from my iPhone

On Nov 19, 2013, at 13:02, "Dale Parfitt" <parinc1@...> wrote:

☐

What band/freq?

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 19, 2013 1:00 PM
Subject: [X1M_QRP-Transceiver] Sked's

I hope to use this topic to get people together. Actually, I'm getting anxious and would like to hear one of these babies on the air. I'm around until 1:45 EST if anyone has time.

No virus found in this message.
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Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2436. Re: [X1M_QRP-Transceiver] Success !!! All is well.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 18:58:33 UTC
From: mikejmardis@...
Topic: 2416 Message: 2436

Dale, my meter showed 10.5. I should be good , right?
Sorry I missed you for getting on the air. The email didn't come through until right before I responded.

Sent from my iPhone

> On Nov 19, 2013, at 12:07, mikejmardis@aol.com wrote:
>
> You have that problem too? Sure. Just don't send me a msg like that. You'll kill my wife with laughter.
>
> Sent from my iPhone
>
>> On Nov 19, 2013, at 11:50, "Dale Parfitt" <parinc1@...> wrote:
>>
>>
>> □
>>
>> May I share that comment with my XYL?
>>
>> Dale W4OP
>> ----- Original Message -----
>> From: mikejmardis@...
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: Tuesday, November 19, 2013 11:45 AM
>> Subject: Re: [X1M_QRP-Transceiver] Success !!! All is well.
>>
>>
>> Thanks for your patience Dale.
>> Mike
>> N1SPZ
>>
>> Sent from my iPhone
>>
>>> On Nov 19, 2013, at 11:43, "Dale Parfitt" <parinc1@frontier.com> wrote:
>>>
>>>
>>> □
>>>
>>> Hi Mike,
>>> If you are referring to the W1 to W2 test, you are testing the resistance between the pads. Because semiconductors are involved, it is important that the (+) lead of the ohm meter be on pad W1. I do not have an uninstalled board here to test, so I cannot confirm that polarity makes a difference- maybe someone can do that test. Until then, just observe the red probe on pad W1.
>>>
>>> Dale W4OP

>>> ----- Original Message -----
>>> From: mikejmardis@...
>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>> Sent: Tuesday, November 19, 2013 11:38 AM
>>> Subject: Re: [X1M_QRP-Transceiver] Success !!! All is well.
>>>
>>>
>>> I am meter stupid. Not ignorant, stupid!!! This building and testing is new to me and I'm really digging it!
>>> When I test the board, am I testing for a voltage drop or Ohms?
>>> Mike
>>> N1SPZ
>>>
>>> Sent from my iPhone
>>>
>>>> On Nov 19, 2013, at 11:30, "Dale Parfitt" <parinc1@...> wrote:
>>>>
>>>>
>>>> Made my day. I have been thinking about your install all morning.
>>>> BTW, for others that are interested- the MC1350 appears to run at full gain with somewhere around 4.1VDC on Pin 5. The manufacturer set this voltage with the on board pot. It only takes about 250mV change to reduce the gain from wide open to about -60dB or so. Pin 5 is actualy current controlled despite what the mfg graph shows. So, if one sets pin 5 at 4.7VDC, the system gain is drastically reduced.
>>>> It would require an extremely strong signal to be heard at all.
>>>>
>>>> One might think that instead of doing the AF gain mod, I'll just run the preamp full time. The issue here is that when a radio has the preamp turned on, important specs, like IP3 get reduced by the gain figure of the preamp. Here at my QTH, if I engage the preamp on 160M, I hear intermod/crossmod all across the band. By doing the AF Gain mod, you increase system gain with no impact upon front end spec characteristics.
>>>>
>>>> If the member who posted the photo of the AF Gain mod will give me his permission, I'll add that photo and some text to the AGC manual.
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>>>> There is only one resistance check that is meaningful on the completed AGC board (before installation) and that is from pad W1 to pad W2. Put your red probe on W1 and black probe on W2. Charlie measured 10.4K resistance- just a crude check that at least the +9VDC line is not shorted. I'll add this to the manual also.
>>>>
>>>> 73,
>>>>
>>>> Dale W4OP
>>>> ----- Original Message -----
>>>> From: rickmac06@...
>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>> Sent: Tuesday, November 19, 2013 11:08 AM
>>>> Subject: [X1M_QRP-Transceiver] Success !!! All is well.
>>>>
>>>>
>>>> Greetings guys and thank all of you for your help. Got it all working at about 2am this morning. For those that are curious here is what I did wrong that caused my problems.
>>>>

>>>> (1) The lack of power - I resolved this one quickly and tried to delete my post from the list before anybody saw it. You guys are quick. I had taken the top board out to get a better look at doing the (gain mod) under the board. When I put the board back in the alignment of the rear connector pins was not good. All pins were out of sequence. I'm dang lucky that I did not blow my radio. I cannot believe how brain dead I was on that one.
>>>>
>>>> 2) Lack of audio - Dale you caught my mistake. I had set the voltage to high at 4.7vdc instead of 4.17 as the manual clearly calls for. Once again brain dead because I was reading from the manual when I made the adjustment. After setting the voltage correctly the audio came alive.
>>>>
>>>> I've only spent a few minutes testing the AGC this morning but it seems to be working very well. Certainly worth the effort.
>>>>
>>>> The kit was not not difficult to put together. The directions were very good with the exception of needing a bit more explanation with regard to the (gain mod). The posted picture of the mod did not help me at first because my board is laid out a bit different than the one in the photo. I was unclear what was needed from the description from the manual "shorting out resistor R80C" In all fairness any seasoned kit builder or electronics guy would not have had a problem figuring it out. Thanks goes out to Charlie W5COV for helping me sort this one out.
>>>>
>>>> For the less experienced builder I would offer this advice.
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>>>> 1)Work very slowly. Check and double check your steps. There is NO need to remove any boards. That includes the gain mod. The jump points are on the edge of the underside of the top board. The idea here is to put one end of your jumper on pin1 of LM386 IC (bypassing the resistor next to pin1) over to the small capacitor as shown in the photo in the mod section called "X1M-PRO Increased RX Gain Modification - Pictures" You can follow the trace from pin1 to the resistor to the capacitor. Refer to the photo to see which side of the cap to connect to.
>>>>
>>>> 2)Do not work on the installation when you are tired. It can wait
>>>> until you are fresh and have all brain cells on board.
>>>>
>>>> 3)If you encounter a problem do not panic. The guys here on the user
>>>> group are friendly and very helpful. Don't be afraid to ask for help.
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>>>> This was a fun project. The AGC is working great. It is well within reach of anyone that can solder and follow directions. The problems that I had were a reflection of a lack of attention to reassembly of the radio (which was not needed for the mod)and not double checking my voltage as prescribed in the installation manual.
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>>>> I would like to thank Charlie, Onionman, and Dale for helping me sort out my oversight. Kind regards and thanks so much! You guys are great.
>>>>
>>>> John KC9YAW
>>>>
>>>> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>>>> >
>>>> > 4.7VDC is too high a voltage on pin 5. Turn it back to about 4.17 or even lower as in the manual.
>>>> >
>>>> > Dale W4OP----- Original Message -----
>>>> > From: rickmac06@...
>>>> > To: X1M_QRP-Transceiver@yahoogroups.com
>>>> > Sent: Tuesday, November 19, 2013 12:04 AM

>>>> > Subject: [X1M_QRP-Transceiver] AGC Mod but I have no audio output
>>>> >
>>>> >
>>>> >
>>>> > The AGC Board is installed. The radio powers up and I get the customary beep. After power up no audio output at all out the speaker. I even plugged in an external speaker, but no joy. I do have 4.7VDC on pin5 of MC1350. The mute button is not on. Any ideas? Thanks, John.
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>> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13
>>
>
>

2437. First DX

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 20:55:39 UTC
From: <ww8o@...>
Topic: 2437 Message: 2437

Today I try to work on 17 meter at 18130 but no luck. but went to 20 meter 14.180 work ve3 and got a 58/9 with the rig and an endfed wire. first time with an end fed antenna.
580 mile between us and he was strong 59+. so I was happy with it. em88 to fn26jf

try again tomorrow hope to work a few more dx or state anyone to come back haha

WW8O Gary

2438. RE: Re: [X1M_QRP-Transceiver] Success !!! All is well.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 21:38:50 UTC
From: <kd4hjt@...>
Topic: 2416 Message: 2438

Dale,

If you are talking about the pictures I made by all means put them where they will be the most help.

Ray...KD4HJT

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

Made my day. I have been thinking about your install all morning.
BTW, for others that are interested- the MC1350 appears to run at full gain with somewhere around 4.1VDC on Pin 5. The manufacturer set this voltage with the on board pot. It only takes about 250mV change to reduce the gain from wide open to about -60dB or so. Pin 5 is actualy current controlled despite what the mfg graph shows. So, if one sets pin 5 at 4.7VDC, the system gain is drastically reduced.
It would require an extremely strong signal to be heard at all.

One might think that instead of doing the AF gain mod, I'll just run the preamp full time. The issue here is that when a radio has the preamp turned on, important specs, like IP3 get reduced by the gain figure of the preamp. Here at my QTH, if I engage the preamp on 160M, I hear intermod/crossmod all across the band. By doing the AF Gain mod, you increase system gain with no impact upon front end spec characteristics.

If the member who posted the photo of the AF Gain mod will give me his permission, I'll add that photo and some text to the AGC manual.

There is only one resistance check that is meaningful on the completed AGC board (before installation) and that is from pad W1 to pad W2. Put your red probe on W1 and black probe on W2. Charlie measured 10.4K resistance- just a crude check that at least the +9VDC line is not shorted. I'll add this to the manual also.

73,

Dale W4OP
----- Original Message -----
From: rickmac06@... mailto:rickmac06@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 19, 2013 11:08 AM
Subject: [X1M_QRP-Transceiver] Success !!! All is well.

Greetings guys and thank all of you for your help. Got it all working at about 2am this morning. For those that are curious here is what I did wrong that caused my problems.

(1) The lack of power - I resolved this one quickly and tried to delete my post from the list before anybody saw it. You guys are quick. I had taken the top board out to get a better look at doing the (gain mod) under the board. When I put the board back in the alignment of the rear connector pins was not good. All pins were out of sequence. I'm dang lucky that I did not blow my radio. I cannot believe how brain dead I was on that one.

2) Lack of audio - Dale you caught my mistake. I had set the voltage to high at 4.7vdc instead of 4.17 as the manual clearly calls for. Once again brain dead because I was reading from the manual when I made the adjustment. After setting the voltage correctly the audio came alive.

I've only spent a few minutes testing the AGC this morning but it seems to be working very well. Certainly worth the effort.

The kit was not not difficult to put together. The directions were very good with the exception of needing a bit more explanation with regard to the (gain mod). The posted picture of the mod did not help me at first because my board is laid out a bit different than the one in the photo. I was unclear what was needed from the description from the manual "shorting out resistor R80C" In all fairness any seasoned kit builder or electronics guy would not have had a problem figuring it out. Thanks goes out to Charlie W5COV for helping me sort this one out.

For the less experienced builder I would offer this advice.

1)Work very slowly. Check and double check your steps. There is NO need to remove any boards. That includes the gain mod. The jump points are on the edge of the underside of the top board. The idea here is to put one end of your jumper on pin1 of LM386 IC (bypassing the resistor next to pin1) over to the small capacitor as shown in the photo in the mod section called "X1M-PRO Increased RX Gain Modification - Pictures" You can follow the trace from pin1 to the resistor to the capacitor. Refer to the photo to see which side of the cap to connect to.

2)Do not work on the installation when you are tired. It can wait
until you are fresh and have all brain cells on board.

3)If you encounter a problem do not panic. The guys here on the user
group are friendly and very helpful. Don't be afraid to ask for help.

This was a fun project. The AGC is working great. It is well within reach of anyone that can solder and follow directions. The problems that I had were a reflection of a lack of attention to reassembly of the radio (which was not needed for the mod)and not double checking my voltage as prescribed in the installation manual.

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--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
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> From: rickmac06@...
> To: X1M_QRP-Transceiver@yahoogroups.com
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>
> The AGC Board is installed. The radio powers up and I get the customary beep. After power up no audio output at all out the speaker. I even plugged in an external speaker, but no joy. I do have 4.7VDC on pin5 of MC1350. The mute button is not on. Any ideas? Thanks, John.
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No virus found in this message.
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2439. Re: Re: [X1M_QRP-Transceiver] Success !!! All is well.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 21:56:57 UTC
From: Dale Parfitt
Topic: 2416 Message: 2439

Thanks Ray,

Dale W4OP

----- Original Message -----
From: kd4hjt@ymail.com
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 19, 2013 4:38 PM
Subject: RE: Re: [X1M_QRP-Transceiver] Success !!! All is well.

Dale,

If you are talking about the pictures I made by all means put them where they will be the most help.

Ray...KD4HJT

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> 4.7VDC is too high a voltage on pin 5. Turn it back to about 4.17 or even lower as in the manual.
>
> Dale W4OP----- Original Message -----
> From: rickmac06@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Tuesday, November 19, 2013 12:04 AM
> Subject: [X1M_QRP-Transceiver] AGC Mod but I have no audio output
>
>
>
> The AGC Board is installed. The radio powers up and I get the customary beep. After power up no audio output at all out the speaker. I even plugged in an external speaker, but no joy. I do have 4.7VDC on pin5 of MC1350. The mute button is not on. Any ideas? Thanks, John.
>
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2440. Re: [X1M_QRP-Transceiver] First DX

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 22:03:15 UTC
From: Charlie , W5COV
Topic: 2437 Message: 2440

Congratulations Gary !! We all work DX regularly , even with the rotten band conditions . I just get on and act like I am a big gun station , the guys on the other end have no idea what I am using . Very few times that I have not ended up working any station that I was trying to work . Usually if it is late or the station isn't a really rare one and there is a huge pileup anyway , I usually just move on to the next station instead of trying to battle it out .
I reset all of my logbook numbers to zero shortly before I bought the X1M the first part of the summer and I already have a stack of QSL's here from all over the world and many more contacts logged through LOTW and EQSL.org .
Was it a homebrew end fed wire and a 1/4 or half wave ?
One of the major decisions that I had made before I started looking for a new QRP rig , which I figured in my price range would likely be a kit and likely not even have SSB , was that it HAD to be a full 5 watt radio . I didn't want another junk kit that was 1 or 2 watts . I know we are only talking about approximately 3 dB , but when you are already that low in power it really does make a difference . I feel sorry for so many new hams that buy those 1 or 2 watt kits and they usually don't have good antenna systems and many that are new to the hobby give it up before they even really get started , because it is so difficult , if not impossible for them to make contacts . Don't get me wrong I have a beacon that runs 1 watt INPUT and several very low power kit or homebuilt 1 or 2 watt transmitters and have made tons of contacts with them . BUT I also use good antennas with them and I have 48 years experience as a ham.

Charlie , W5COV

On 11/19/2013 2:55 PM, ww8o@... wrote:
>
> Today I try to work on 17 meter at 18130 but no luck. but went to 20
> meter 14.180 work ve3 and got a 58/9 with the rig and an endfed wire.
> first time with an end fed antenna.
>
> 580 mile between us and he was strong 59+. so I was happy with it.
> em88 to fn26jf
>
>
> try again tomorrow hope to work a few more dx or state anyone to come
> back haha
>
>
> WW8O Gary
>

>

2441. RE: X1M Internal Speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 22:39:30 UTC
From: <lphebus@...>
Topic: 2263 Message: 2441

Dale, the mylar speaker you suggested from Mouser came in today and I installed it, The speaker has a bit of a dome to it and doesn't sit down quite flush in the hole (because of the way the wires run), so I worried it might contact the top of the chassis. It looks like some of the board traces run very near the speaker hole, so I dared not open it up a bit. Well. luckily it does not seem to rub the top of the case and the audio sounds GREAT! Even with my old ears, I can hear things I don't believe I could have before, like papers rustling in the shack as someone talks on their microphone, Maybe It's just wishful (overly positive) thinking on my part, as I said, my ears are a little worse for six decades of use. Maybe propagation is especially clear today? Anyway, my opinion is that this is another great mod you have originated for the X1M. The sound is soooo clear!

THANKS

Lee
KF7YRS

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Here's the Mouser part #:
665-AS05008MR4R
AS05008MR-4-R
1.5W 8 OHM 92DBA 11/13/13 2 4.030 8.06

Dale W4OP

2442. Re: [X1M_QRP-Transceiver] RE: X1M Internal Speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-19 22:53:33 UTC
From: Dale Parfitt
Topic: 2263 Message: 2442

Hi Lee,
Mine arrived today also. I have not had an opportunity to do anything with them other than listen to it on the bench- not a fair test. They need an enclosure- like inside the X1M. Glad to hear they fit.

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 19, 2013 5:39 PM
Subject: [X1M_QRP-Transceiver] RE: X1M Internal Speaker

Dale, the mylar speaker you suggested from Mouser came in today and I installed it, The speaker has a bit of a dome to it and doesn't sit down quite flush in the hole (because of the way the wires run), so I worried it might contact the top of the chassis. It looks like some of the board traces run very near the speaker hole, so I dared not open it up a bit. Well. luckily it does not seem to rub the top of the case and the audio sounds GREAT! Even with my old ears, I can hear things I don't believe I could have before, like papers rustling in the shack as someone talks on their microphone, Maybe It's just wishful (overly positive) thinking on my part, as I said, my ears are a little worse for six decades of use. Maybe propagation is especially clear today? Anyway, my opinion is that this is another great mod you have originated for the X1M. The sound is soooo clear!

THANKS

Lee

KF7YRS

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Here's the Mouser part #:
665-AS05008MR4R
AS05008MR-4-R
1.5W 8 OHM 92DBA 11/13/13 2 4.030 8.06

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2443. Re: Success !!! All is well.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-20 02:08:21 UTC
From: rickmac06@frontier.com
Topic: 2416 Message: 2443

Yes Charlie this is one great group of guys. I was surprised at how quickly every responded. Put the little rig on the air tonight. Checked into the moonlighters net. My qth is southern Il, and I got S9's with great audio from Florida, Arkansas, and Tennessee. Also have Ham Radio Deluxe controlling the rig. I'm very pleased with the AGC Mod and am now thinking of upgrading the internal speaker.
Perhaps some time we can meetup with the X1M's. Regards, John. KC9YAW.

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> GREAT NEWS John !!! This is one of the best groups around period !!
> Hams helping hams get maximum enjoyment out of this radio and I think we
> all learn something along the way .
>
> Everyone brings some different experience to the table , so when all of
> that knowledge is combined and shared , the group can handle pretty much
> any issues .
>
> Seems as if I meet a new friend on here every day . More of a family
> atmosphere and we try hard to keep it a friendly one too . I like it
> when I feel at ease addressing someone by name and if I hear them on the
> air I will likely recognize their call too and try to work them .
>
> Charlie , W5COV
> On 11/19/2013 10:08 AM, rickmac06@... wrote:
> >
> > Greetings guys and thank all of you for your help. Got it all working
> > at about 2am this morning. For those that are curious here is what I
> > did wrong that caused my problems.
> >
> > (1) The lack of power - I resolved this one quickly and tried to
> > delete my post from the list before anybody saw it. You guys are
> > quick. I had taken the top board out to get a better look at doing the
> > (gain mod) under the board. When I put the board back in the alignment
> > of the rear connector pins was not good. All pins were out of
> > sequence. I'm dang lucky that I did not blow my radio. I cannot
> > believe how brain dead I was on that one.
> >
> > 2) Lack of audio - Dale you caught my mistake. I had set the voltage
> > to high at 4.7vdc instead of 4.17 as the manual clearly calls for.
> > Once again brain dead because I was reading from the manual when I
> > made the adjustment. After setting the voltage correctly the audio
> > came alive.
> >
> > I've only spent a few minutes testing the AGC this morning but it
> > seems to be working very well. Certainly worth the effort.

> >
> > The kit was not not difficult to put together. The directions were
> > very good with the exception of needing a bit more explanation with
> > regard to the (gain mod). The posted picture of the mod did not help
> > me at first because my board is laid out a bit different than the one
> > in the photo. I was unclear what was needed from the description from
> > the manual "shorting out resistor R80C" In all fairness any seasoned
> > kit builder or electronics guy would not have had a problem figuring
> > it out. Thanks goes out to Charlie W5COV for helping me sort this one
> > out.
> >
> > For the less experienced builder I would offer this advice.
> >
> > 1)Work very slowly. Check and double check your steps. There is NO
> > need to remove any boards. That includes the gain mod. The jump points
> > are on the edge of the underside of the top board. The idea here is to
> > put one end of your jumper on pin1 of LM386 IC (bypassing the resistor
> > next to pin1) over to the small capacitor as shown in the photo in the
> > mod section called "X1M-PRO Increased RX Gain Modification - Pictures"
> > You can follow the trace from pin1 to the resistor to the capacitor.
> > Refer to the photo to see which side of the cap to connect to.
> >
> > 2)Do not work on the installation when you are tired. It can wait
> > until you are fresh and have all brain cells on board.
> >
> > 3)If you encounter a problem do not panic. The guys here on the user
> > group are friendly and very helpful. Don't be afraid to ask for help.
> >
> > This was a fun project. The AGC is working great. It is well within
> > reach of anyone that can solder and follow directions. The problems
> > that I had were a reflection of a lack of attention to reassembly of
> > the radio (which was not needed for the mod)and not double checking my
> > voltage as prescribed in the installation manual.
> >
> > I would like to thank Charlie, Onionman, and Dale for helping me sort
> > out my oversight. Kind regards and thanks so much! You guys are great.
> >
> > John KC9YAW
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt"
> > <parinc1@> wrote:
> > >
> > > 4.7VDC is too high a voltage on pin 5. Turn it back to about 4.17 or
> > even lower as in the manual.
> > >
> > > Dale W4OP----- Original Message -----
> > > From: rickmac06@
> > > To: X1M_QRP-Transceiver@yahoogroups.com
> > > Sent: Tuesday, November 19, 2013 12:04 AM
> > > Subject: [X1M_QRP-Transceiver] AGC Mod but I have no audio output

> > >
> > >
> > >
> > > The AGC Board is installed. The radio powers up and I get the
> > customary beep. After power up no audio output at all out the speaker.
> > I even plugged in an external speaker, but no joy. I do have 4.7VDC on
> > pin5 of MC1350. The mute button is not on. Any ideas? Thanks, John.
> > >
> > >
> > >
> > >
> > > No virus found in this message.
> > > Checked by AVG - www.avg.com
> > > Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date:
> > 11/13/13
> > >
> >
> >
>

2444. Substitute RF power transistor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-20 03:36:47 UTC
From: <disklog@...>
Topic: 2444 Message: 2444

I realize that a slight increase in transmit power means very little at the receive end, and I realize that antenna improvements make easier signal improvements at both ends BUT....
Having said that, please bear with me concerning this question.
It appears to me that the RF power transistor in these radios is a RD06HVF1 which has 13db gain. Considering that the output of these radios is about 4.5 watts, I am guessing that this 13db gain transistor is being driven with about 200mw. Someone please correct me if I am figuring this wrong.
For the sake of discussion, if we replace the 13db transistor with the direct replacement RD16HHF1, a 16db gain transistor, would the additional 3db gain give us around 9 watts output if driven with the same 200mw drive?
OK lets hear all the reasons why this won't work. :)
I have built many projects but my design skills are poor. I am hoping you all can help answer this question and maybe I can learn something.
Thanks, Ken

2445. Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-20 14:39:17 UTC
From: Victor Schensnovich
Topic: 2445 Message: 2445

Hi friends, who knows, where it is possible to buy internal speaker. I red here about Mouser speaker. Who can give me a link.

--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

2446. Re: [X1M_QRP-Transceiver] Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-20 14:49:11 UTC
From: Dale Parfitt
Topic: 2445 Message: 2446

Hi Victor,
The speaker is available from Mouser Electronics:
Mouser #: 665-AS05008MR4R
Mfr. #: AS05008MR-4-R
Desc.: Speakers & Transducers 1.5W 8 OHM 92DBA 350HZ MYLAR

Dale W4OP

2447. Re: Re: [X1M_QRP-Transceiver] Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-20 15:02:50 UTC
From: Victor Schensnovich
Topic: 2445 Message: 2447

Hi Dale, today I got PCB for AGC. Now, looking forward for the parts. Thank you very much!
Dale, to change speaker, what I should to do? To remove top PCB?
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

Dale Parfitt <parinc1@...> wrote:

☐

Hi Victor,

The speaker is available from Mouser Electronics:

Mouser #:665-AS05008MR4R

Mfr. #:AS05008MR-4-RDesc.:Speakers & Transducers 1.5W 8 OHM 92DBA 350HZ MYLAR

Dale W4OP

2448. Re: Re: [X1M_QRP-Transceiver] Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-20 15:07:21 UTC
From: Dale Parfitt
Topic: 2445 Message: 2448

Hi Victor,
I have not had any time to play with mine- just arrived yesterday. Lee has installed one though.

Dale W4OP
----- Original Message -----
From: Victor Schensnovich
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 20, 2013 10:02 AM
Subject: Re: Re: [X1M_QRP-Transceiver] Internal speaker

Hi Dale, today I got PCB for AGC. Now, looking forward for the parts. Thank you very much!
Dale, to change speaker, what I should to do? To remove top PCB?
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

Dale Parfitt <parinc1@...> wrote:

☐

Hi Victor,
The speaker is available from Mouser Electronics:
Mouser #: 665-AS05008MR4R
Mfr. #: AS05008MR-4-R
Desc.: Speakers & Transducers 1.5W 8 OHM 92DBA 350HZ MYLAR

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2449. Re: Re: Re: [X1M_QRP-Transceiver] Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-20 15:16:28 UTC
From: Victor Schensnovich
Topic: 2445 Message: 2449

Ok Dale, looking for mouser electronics russian departament. The price is $4.35, shipping cost $120. Cannot go directly to USA departament. Could you give me a way where to buy directly?

--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

Dale Parfitt <parinc1@...> wrote:

☐

Hi Victor,

I have not had any time to play with mine- just arrived yesterday. Lee has installed one though.

Dale W4OP

----- Original Message -----

From: Victor Schensnovich

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Wednesday, November 20, 2013 10:02 AM

Subject: Re: Re: [X1M_QRP-Transceiver] Internal speaker

Hi Dale, today I got PCB for AGC. Now, looking forward for the parts. Thank you very much! Dale, to change speaker, what I should to do? To remove top PCB?
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

Dale Parfitt <parinc1@...> wrote:

☐

Hi Victor,

The speaker is available from Mouser Electronics:

Mouser #:665-AS05008MR4R

Mfr. #:AS05008MR-4-RDesc.:Speakers & Transducers 1.5W 8 OHM 92DBA 350HZ MYLAR

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2450. RE: Re: Re: [X1M_QRP-Transceiver] Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-20 16:38:39 UTC
From: <lphebus@...>
Topic: 2445 Message: 2450

To to change the speaker you do need to remove the top board. These excellent videos describe the disassembly and re-assembly process. http://m.youtube.com/watch?v=Udc0Zf_HoxY http://m.youtube.com/watch?v=Udc0Zf_HoxY
http://m.youtube.com/watch?v=-y8DtALnZrM http://m.youtube.com/watch?v=-y8DtALnZrM

Once you have the top board removed, you disconnect the speaker where it is soldered. Then carefully remove the hot glue that holds the speaker in place and remove the speaker. If you got the speaker Dale recommends, take a look at it and notice that from the top you can see a ring of holes drilled in the metal. On the bottom, there is black fabric covering these holes so they are not visible, unless you shine a bright light through the speaker from the front. Do not block these holes when you hot glue the new speaker into the place the original speaker occupied. Make sure the new speaker sits as flat and low on the top board as possible. There is little room for the top cover to clear the new speaker "dome" once the radio is reassembled. I held the speaker in place with my hand and put a few blobs of hot glue on the back of the speaker anchoring it to the "bottom of the top board", being careful about those holes. One might mark the spots between the holes with a marker pen to make the glueing easier. Once the speaker was anchored on the bottom, I ran a bead of hot glue partially around the top, avoiding interfering with any surface mount parts. Solder the speaker wiring connections. Reassemble VERY carefully. At my age, I consider a magnifying visor essential for this job.

---In X1M_QRP-Transceiver@yahoogroups.com, <ua1cex@...> wrote:

Hi Dale, today I got PCB for AGC. Now, looking forward for the parts. Thank you very much! Dale, to change speaker, what I should to do? To remove top PCB?
--
Sent from my Android phone with mail.com http://mail.com Mail. Please excuse my brevity.

Dale Parfitt <parinc1@...> wrote: ☐
Hi Victor,
The speaker is available from Mouser Electronics:
Mouser #: 665-AS05008MR4R https://www.mouser.com/Search/ProductDetail.aspx?R=AS05008MR-4-Rvirtualkey66500000virtualkey665-AS05008MR4R
Mfr. #: AS05008MR-4-R https://www.mouser.com/Search/ProductDetail.aspx?R=AS05008MR-4-Rvirtualkey66500000virtualkey665-AS05008MR4R Desc.: Speakers & Transducers 1.5W 8 OHM 92DBA 350HZ MYLAR

Dale W4OP

2451. Re: RE: Re: Re: [X1M_QRP-Transceiver] Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-20 16:53:46 UTC
From: Victor Schensnovich
Topic: 2445 Message: 2451

Thank you very much for very nice discription. Maybe, you can give me a link where to buy speaker. I have a problem. Mouser electronics redirect me to russian departament, and shipping cost is $120.
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

lphebus@... wrote:

To to change the speaker you do need to remove the top board. These excellent videos describe the disassembly and re-assembly process. http://m.youtube.com/watch?v=Udc0Zf_HoxY

http://m.youtube.com/watch?v=-y8DtALnZrM

Once you have the top board removed, you disconnect the speaker where it is soldered. Then carefully remove the hot glue that holds the speaker in place and remove the speaker. If you got the speaker Dale recommends, take a look at it and notice that from the top you can see a ring of holes drilled in the metal. On the bottom, there is black fabric covering these holes so they are not visible, unless you shine a bright light through the speaker from the front. Do not block these holes when you hot glue the new speaker into the place the original speaker occupied. Make sure the new speaker sits as flat and low on the top board as possible. There is little room for the top cover to clear the new speaker "dome" once the radio is reassembled. I held the speaker in place with my hand and put a few blobs of hot glue on the back of the speaker anchoring it to the "bottom of the top board", being careful about those holes. One might mark the spots between the holes with a marker pen to make the glueing easier. Once the speaker was anchored on the bottom, I ran a bead of hot glue partially around the top, avoiding interfering with any surface mount parts. Solder the speaker wiring connections. Reassemble VERY carefully. At my age, I consider a magnifying visor essential for this job.

---In X1M_QRP-Transceiver@yahoogroups.com, <ua1cex@...> wrote:

Hi Dale, today I got PCB for AGC. Now, looking forward for the parts. Thank you very much! Dale, to change speaker, what I should to do? To remove top PCB?
--
Sent from my Android phone with mail.com Mail. Please excuse my brevity.

Dale Parfitt <parinc1@...> wrote:

☐

Hi Victor,

The speaker is available from Mouser Electronics:

Mouser #:665-AS05008MR4R

Mfr. #:AS05008MR-4-RDesc.:Speakers & Transducers 1.5W 8 OHM 92DBA 350HZ MYLAR

Dale W4OP

2452. Big Thanks Dale!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-20 16:58:23 UTC
From: rickmac06@frontier.com
Topic: 2452 Message: 2452

Dale, just want to take a minute to thank you for the time and effort that you made to bring us the AGC Upgrade. It was very kind of you and much appreciated. Regards, John KC9YAW. 73.

2453. RE: Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-20 18:35:08 UTC
From: <andreas.fuehrmann@...>
Topic: 2445 Message: 2453

Hi Victor,

it´s the same problem here in Germany.
Shipping cost are ridiculous high 20 EUR (about 20 $ US) for a 3 EUR speaker!
Ordered a Visaton K50 FL speaker which is looking similiar.

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <ua1cex@...> wrote:

Thank you very much for very nice discription. Maybe, you can give me a link where to buy speaker. I have a problem. Mouser electronics redirect me to russian departament, and shipping cost is $120.
--
Sent from my Android phone with mail.com http://mail.com Mail. Please excuse my brevity.

lphebus@... wrote: To to change the speaker you do need to remove the top board. These excellent videos describe the disassembly and re-assembly process.
http://m.youtube.com/watch?v=Udc0Zf_HoxY http://m.youtube.com/watch?v=Udc0Zf_HoxY
http://m.youtube.com/watch?v=-y8DtALnZrM http://m.youtube.com/watch?v=-y8DtALnZrM

Once you have the top board removed, you disconnect the speaker where it is soldered. Then carefully remove the hot glue that holds the speaker in place and remove the speaker. If you got the speaker Dale recommends, take a look at it and notice that from the top you can see a ring of holes drilled in the metal. On the bottom, there is black fabric covering these holes so they are not visible, unless you shine a bright light through the speaker from the front. Do not block these holes when you hot glue the new speaker into the place the original speaker occupied. Make sure the new speaker sits as flat and low on the top board as possible. There is little room for the top cover to clear the new speaker "dome" once the radio is reassembled. I held the speaker in place with my hand and put a few blobs of hot glue on the back of the speaker anchoring it to the "bottom of the top board", being careful about those holes. One might mark the spots between the holes with a marker pen to make the glueing easier. Once the speaker was anchored on the bottom, I ran a bead of hot glue partially around the top, avoiding interfering with any surface mount parts. Solder the speaker wiring connections. Reassemble VERY carefully. At my age, I consider a magnifying visor essential for this job.

---In X1M_QRP-Transceiver@yahoogroups.com, <ua1cex@...> wrote:

Hi Dale, today I got PCB for AGC. Now, looking forward for the parts. Thank you very much!
Dale, to change speaker, what I should to do? To remove top PCB?
--
Sent from my Android phone with mail.com http://mail.com Mail. Please excuse my brevity.

Dale Parfitt <parinc1@...> wrote: ☐
Hi Victor,
The speaker is available from Mouser Electronics:

Mouser #: 665-AS05008MR4R https://www.mouser.com/Search/ProductDetail.aspx?R=AS05008MR-4-Rvirtualkey66500000virtualkey665-AS05008MR4R
Mfr. #: AS05008MR-4-R https://www.mouser.com/Search/ProductDetail.aspx?R=AS05008MR-4-Rvirtualkey66500000virtualkey665-AS05008MR4R Desc.: Speakers & Transducers 1.5W 8 OHM 92DBA 350HZ MYLAR

Dale W4OP

2454. Re: [X1M_QRP-Transceiver] RE: Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-20 18:52:02 UTC
From: ua1cex@...
Topic: 2445 Message: 2454

Andy, could you give me a link, where you bought. Is there English?

73/72 - Victor, UA1CEX.

2455. RE: Re: [X1M_QRP-Transceiver] RE: Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-20 19:01:36 UTC
From: <lphebus@...>
Topic: 2445 Message: 2455

I spoke to PUI Audio, the company that manufactures the speaker. They recommended "Farnell" as a franchise distributor that could get any of their products in Russia. Maybe this will be of help?

---In X1M_QRP-Transceiver@yahoogroups.com, <ua1cex@...> wrote:

Andy, could you give me a link, where you bought. Is there English?

73/72 - Victor, UA1CEX.

2456. RE: Re: [X1M_QRP-Transceiver] RE: Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-20 19:16:28 UTC
From: ua1cex@...
Topic: 2445 Message: 2456

Ok, I found "Farnell" in Russia. Now, is too late here. Tomorrow, I will find out. Thank you for info.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: ср, 20 ноя 2013 23:01
Subject: RE: Re: [X1M_QRP-Transceiver] RE: Internal speaker

I spoke to PUI Audio, the company that manufactures the speaker. They recommended "Farnell" as a franchise distributor that could get any of their products in Russia. Maybe this will be of help?

---In X1M_QRP-Transceiver@yahoogroups.com, <ua1cex@...> wrote:

Andy, could you give me a link, where you bought. Is there English?

73/72 - Victor, UA1CEX.

2457. Firmware Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-20 21:53:35 UTC
From: <ed@...>
Topic: 2457 Message: 2457

The latest firmware update has been added to the Files Section.

This update changes the step of the RIT control and hopefully improves the CW operations.

This update is only for the X1M-Pro model. It will also work on the X1M models that have had their front panel upgraded.

73
Ed Griffin
Import Communications

2458. Re: [X1M_QRP-Transceiver] Firmware Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-20 22:11:40 UTC
From: Dale Parfitt
Topic: 2457 Message: 2458

I have tested the firmware and it looks to be spot on.
When in RIT mode the tuning control only effects RIT (that is you cannot QSY while in RIT) - but I am not certain that is a drawback at all. At any rate, because we do not have a dedicated RIT knob, this is the way it is going to work. I have no problem with it.

The issue with the very first CW element sent being on the RX frequency also appear to have bee 100% corrected. Listening on my K3, X1M's CW sounds very good indeed.

The ony feature we still don't have is the capability to dump the memory channel to the VFO. This would be a nice feature allowing rapid band change.

I would like some ops thoughts on a bit of a CW issue.. You may recall that initially CW Tone effected both RX and TX frequency- thus you could not offset the RX from the TX. The result being you and the station you were QSOing walked up and down the band (remember also that back then, RIT also effected RX and TX and split did not function in CW mode). So now CW Tone works fine.

Here is the issue as I see it- and where I would like some help as I may be missing something.
In order for the digital dial to read the correct CW frequency on RX, you have to set the CWBFO= IF OFFSET. This works. The result of doing this though, places the RX CW signal in the center of the xtal filter passband. This then means you will hear both sides of zero beat of incoming stations and you have to remember which side of zero beat to tune to in order to work a station. Does someone see a work around for this? Not a huge deal, but I would have no clue how to explain it to the designers.

And finally, many thanks to Ed who has really been pushing the gang in China to get new firmware changes accomplished.

Dale W4OP

----- Original Message -----
From: ed@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 20, 2013 4:53 PM
Subject: [X1M_QRP-Transceiver] Firmware Update

The latest firmware update has been added to the Files Section.

This update changes the step of the RIT control and hopefully improves the CW operations.

This update is only for the X1M-Pro model. It will also work on the X1M models that have had their front panel upgraded.

73
Ed Griffin
Import Communications

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2459. RE: Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-20 22:27:52 UTC
From: <andreas.fuehrmann@...>
Topic: 2445 Message: 2459

I´ve ordered my Visaton speaker from eBay but you always have to keep an eye on shipping costs!

---In x1m_qrp-transceiver@yahoogroups.com, <andreas.fuehrmann@...> wrote:

Hi Victor,

it´s the same problem here in Germany.
Shipping cost are ridiculous high 20 EUR (about 20 $ US) for a 3 EUR speaker!
Ordered a Visaton K50 FL speaker which is looking similiar.

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <ua1cex@...> wrote:

Thank you very much for very nice discription. Maybe, you can give me a link where to buy speaker. I have a problem. Mouser electronics redirect me to russian departament, and shipping cost is $120.
--
Sent from my Android phone with mail.com http://mail.com Mail. Please excuse my brevity.

lphebus@... wrote: To to change the speaker you do need to remove the top board. These excellent videos describe the disassembly and re-assembly process.
http://m.youtube.com/watch?v=Udc0Zf_HoxY http://m.youtube.com/watch?v=Udc0Zf_HoxY
http://m.youtube.com/watch?v=-y8DtALnZrM http://m.youtube.com/watch?v=-y8DtALnZrM

Once you have the top board removed, you disconnect the speaker where it is soldered. Then carefully remove the hot glue that holds the speaker in place and remove the speaker. If you got the speaker Dale recommends, take a look at it and notice that from the top you can see a ring of holes drilled in the metal. On the bottom, there is black fabric covering these holes so they are not visible, unless you shine a bright light through the speaker from the front. Do not block these holes when you hot glue the new speaker into the place the original speaker occupied. Make sure the new speaker sits as flat and low on the top board as possible. There is little room for the top cover to clear the new speaker "dome" once the radio is reassembled. I held the speaker in place with my hand and put a few blobs of hot glue on the back of the speaker anchoring it to the "bottom of the top board", being careful about those holes. One might mark the spots between the holes with a marker pen to make the glueing easier. Once the speaker was anchored on the bottom, I ran a bead of hot glue partially around the top, avoiding interfering with any surface mount parts. Solder the speaker wiring connections. Reassemble VERY carefully. At my age, I consider a magnifying visor essential for this job.

---In X1M_QRP-Transceiver@yahoogroups.com, <ua1cex@...> wrote:

Hi Dale, today I got PCB for AGC. Now, looking forward for the parts. Thank you very much! Dale, to change speaker, what I should to do? To remove top PCB?
--

Sent from my Android phone with mail.com http://mail.com Mail. Please excuse my brevity.

Dale Parfitt <parinc1@...> wrote: ☐
Hi Victor,
The speaker is available from Mouser Electronics:
Mouser #: 665-AS05008MR4R https://www.mouser.com/Search/ProductDetail.aspx?R=AS05008MR-4-Rvirtualkey66500000virtualkey665-AS05008MR4R
Mfr. #: AS05008MR-4-R https://www.mouser.com/Search/ProductDetail.aspx?R=AS05008MR-4-Rvirtualkey66500000virtualkey665-AS05008MR4R Desc.: Speakers & Transducers 1.5W 8 OHM 92DBA 350HZ MYLAR

Dale W4OP

2460. RE: Re: [X1M_QRP-Transceiver] Firmware Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 00:02:37 UTC
From: <ed@...>
Topic: 2457 Message: 2460

Dumping the present memory channel into the VFO is something I have just passed along to the factory for the second time. Them speaking no English makes these things a little difficult to explain but hopefully they will understand and it will be something that can be added.

For the explanation of the CW zero beat, that one will be tough. I'm open to suggestions on how to explain it.

73
Ed
www.ImportCommunications.com

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
I have tested the firmware and it looks to be spot on.
When in RIT mode the tuning control only effects RIT (that is you cannot QSY while in RIT) - but I am not certain that is a drawback at all. At any rate, because we do not have a dedicated RIT knob, this is the way it is going to work. I have no problem with it.

The issue with the very first CW element sent being on the RX frequency also appear to have bee 100% corrected. Listening on my K3, X1M's CW sounds very good indeed.

The ony feature we still don't have is the capability to dump the memory channel to the VFO. This would be a nice feature allowing rapid band change.

I would like some ops thoughts on a bit of a CW issue.. You may recall that initially CW Tone effected both RX and TX frequency- thus you could not offset the RX from the TX. The result being you and the station you were QSOing walked up and down the band (remember also that back then, RIT also effected RX and TX and split did not function in CW mode). So now CW Tone works fine.

Here is the issue as I see it- and where I would like some help as I may be missing something.
In order for the digital dial to read the correct CW frequency on RX, you have to set the CWBFO= IF OFFSET. This works. The result of doing this though, places the RX CW signal in the center of the xtal filter passband. This then means you will hear both sides of zero beat of incoming stations and you have to remember which side of zero beat to tune to in order to work a station. Does someone see a work around for this? Not a huge deal, but I would have no clue how to explain it to the designers.

And finally, many thanks to Ed who has really been pushing the gang in China to get new firmware changes accomplished.

Dale W4OP

----- Original Message -----
From: ed@... mailto:ed@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 20, 2013 4:53 PM
Subject: [X1M_QRP-Transceiver] Firmware Update

The latest firmware update has been added to the Files Section.

This update changes the step of the RIT control and hopefully improves the CW operations.

This update is only for the X1M-Pro model. It will also work on the X1M models that have had their front panel upgraded.

73
Ed Griffin
Import Communications

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2461. Re: [X1M_QRP-Transceiver] RE: Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 00:55:02 UTC
From: Charlie , W5COV
Topic: 2445 Message: 2461

This is a GREAT example of the international cooperation and help found in this group !!! I hope that you will keep us informed Victor and if you come up with some useful information where other members can buy this speaker at a price with shipping that is within reason , please post that information so that it will be available to help other members outside of the USA.

Charlie , W5COV

On 11/20/2013 1:16 PM, ua1cex@... wrote:
>
> Ok, I found "Farnell" in Russia. Now, is too late here. Tomorrow, I
> will find out. Thank you for info.
>
> 73/72 - Victor, UA1CEX.
>
> -----Original Message-----
> From: lphebus@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: ср, 20 ноя 2013 23:01
> Subject: RE: Re: [X1M_QRP-Transceiver] RE: Internal speaker
>
> I spoke to PUI Audio, the company that manufactures the speaker. They
> recommended "Farnell" as a franchise distributor that could get any of
> their products in Russia. Maybe this will be of help?
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com, <ua1cex@...> wrote:
>
> Andy, could you give me a link, where you bought. Is there English?
>
> 73/72 - Victor, UA1CEX.
>

2462. RE: Substitute RF power transistor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 02:12:54 UTC
From: <lphebus@...>
Topic: 2444 Message: 2462

It seems to me that you may be the local expert on this subject... What you are saying seems reasonable enough, provided the rest of the circuitry (inductors, power suply etc) is up to the task. I doubt the Chinese designers are going to chime in (if only because of the language barrier), although in my opinion they must be quite skilled to produce such a good radio at such a reasonable cost. Of course, the work by our local experts has really improved the basic package. For me, this radio is all about experimentation. The radio is not ALL THAT EXPENSIVE (I emphasize because this depends on your current situation), so modifications with bad outcomes are not all that disastrous. Besides, you could probably repair any damage done??? I guess the theme is "modify at your own risk"... but keep us informed so the entire group can learn. Best of luck!!!

---In X1M_QRP-Transceiver@yahoogroups.com, <disklog@...> wrote:

I realize that a slight increase in transmit power means very little at the receive end, and I realize that antenna improvements make easier signal improvements at both ends BUT....
Having said that, please bear with me concerning this question.
It appears to me that the RF power transistor in these radios is a RD06HVF1 which has 13db gain. Considering that the output of these radios is about 4.5 watts, I am guessing that this 13db gain transistor is being driven with about 200mw. Someone please correct me if I am figuring this wrong.
For the sake of discussion, if we replace the 13db transistor with the direct replacement RD16HHF1, a 16db gain transistor, would the additional 3db gain give us around 9 watts output if driven with the same 200mw drive?
OK lets hear all the reasons why this won't work. :)
I have built many projects but my design skills are poor. I am hoping you all can help answer this question and maybe I can learn something.
Thanks, Ken

2463. Re: [X1M_QRP-Transceiver] Substitute RF power transistor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 01:21:43 UTC
From: Charlie , W5COV
Topic: 2444 Message: 2463

Hi Ken ,

It does look like a possible device for the experimenters to work with
and try out .
I still have what I consider a major disadvantage and that is I need a
wall size schematic of the X1M , since it is extremely difficult to work
with all of the small pieces on the computer . My eyesight is poor and I
sometimes have memory issues of maintaining continuity of thought
beginning to end doing it piece by piece . I would love to have two
large schematics , one to hang on the wall and one to put on the bench .
I also have not studied the datasheets . Direct replacement doesn't
always equate to a direct replacement for all applications .
I would look at the X1M power supply to the final also to make certain
that the radio can handle that part of it too .
I do find areas where the X1M seems to push certain elements of the
various power systems a little harder than I normally do in my designs .
How expensive are the transistors and how difficult are they to obtain ?
I haven't done any research at all on this matter , but it certainly
could be of interest to some of the users on here .
Perhaps later this evening I'll pull up the data sheets and have a look .
Interesting subject for the experimenters on here .

Charlie , W5COV

On 11/19/2013 9:36 PM, disklog@... wrote:
>
> I realize that a slight increase in transmit power means very little
> at the receive end, and I realize that antenna improvements make
> easier signal improvements at both ends BUT....
> Having said that, please bear with me concerning this question.
> It appears to me that the RF power transistor in these radios is a
> RD06HVF1 which has 13db gain. Considering that the output of these
> radios is about 4.5 watts, I am guessing that this 13db gain
> transistor is being driven with about 200mw. Someone please correct me
> if I am figuring this wrong.
> For the sake of discussion, if we replace the 13db transistor with the
> direct replacement RD16HHF1, a 16db gain transistor, would the
> additional 3db gain give us around 9 watts
> output if driven with the same 200mw drive?
> OK lets hear all the reasons why this won't work. :)
> I have built many projects but my design skills are poor. I am hoping
> you all can help answer this question and maybe I can learn something.
> Thanks, Ken
>
>

2464. Re: [X1M_QRP-Transceiver] RE: Substitute RF power transistor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 03:25:27 UTC
From: ken fest
Topic: 2444 Message: 2464

I am waiting for delivery of my pro and look forward to using it and modifying it. My track record has been to take brand new equipment and modify it thereby voiding the warranty. I may wait a bit with this radio to insure it has no delivered faults.
The transistors in question are very cheap and available so once modified I will report the results. Hopefully it will be a better experience than my last on-line HF radio purchase. That radio was received missing the entire power amp board. I had a great 40mw hf radio, but no real power. It was an ebay purchase that the seller eventually gave me a partial refund of $100.
I them built an entire RF power amp board from scratch using a recent QST design. It works flawlessly.
This time I am buying NEW so hopefully no surprises.
Ken

On Wed, 11/20/13, lphebus@... <lphebus@...> wrote:

Subject: [X1M_QRP-Transceiver] RE: Substitute RF power transistor
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Wednesday, November 20, 2013, 9:12 PM

It seems to me that you may be the local expert on this
subject... What you are saying seems reasonable
enough, provided the rest of the circuitry (inductors, power
suply etc) is up to the task.   I doubt the Chinese
designers are going to chime in (if only because of the
language barrier), although in my opinion they must be quite
skilled to produce such a good radio at such a reasonable
cost. Of course, the work by our local experts has
really improved the basic package. For me, this radio
is all about experimentation. The radio is not ALL
THAT EXPENSIVE (I emphasize because this depends on your
current situation), so modifications with bad outcomes are
not all that disastrous. Besides, you could probably
repair any damage done???   I guess the theme is
"modify at your own risk"... but keep us informed
so the entire group can learn. Best of luck!!!

---In X1M_QRP-Transceiver@yahoogroups.com,
<disklog@...> wrote:

I realize that a
slight increase in transmit power means very little at the
receive end, and I realize that antenna improvements make
easier signal improvements at both ends BUT....
Having said that, please bear with me concerning this
question.

It appears to me that the RF power transistor in these radios is a RD06HVF1 which has 13db gain. Considering that the output of these radios is about 4.5 watts, I am guessing that this 13db gain transistor is being driven with about 200mw. Someone please correct me if I am figuring this wrong.
For the sake of discussion, if we replace the 13db transistor with the direct replacement RD16HHF1, a 16db gain transistor, would the additional 3db gain give us around 9 watts
output if driven with the same 200mw drive?
OK lets hear all the reasons why this won't work. :)
I have built many projects but my design skills are poor. I am hoping you all can help answer this question and maybe I can learn something.
Thanks, Ken

2465. Re: [X1M_QRP-Transceiver] Substitute RF power transistor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 03:32:27 UTC
From: ken fest
Topic: 2444 Message: 2465

Charlie,
The RD16hhf1 is a 16db gain, 16watt minimum transistor when driven from 400mw. They are $5.30 each and available many many places.
It appears that the final transistor sits on the 12v line but I will have to verify it when I get the radio and determine if any questionable traces or parts are involved.
I know such a small increase in RF power means little but if one incurs RF loses in a tuner etc, this might make that up. Not of great importance but for the price I just have to find out.

On Wed, 11/20/13, Charlie , W5COV <cvest@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] Substitute RF power transistor
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Wednesday, November 20, 2013, 8:21 PM

Hi Ken ,

It does look like a possible device for the
experimenters to work
with and try out .

I still have what I consider a major disadvantage and
that is I need
a wall size schematic of the X1M , since it is extremely
difficult
to work with all of the small pieces on the computer .
My eyesight
is poor and I sometimes have memory issues of
maintaining continuity
of thought beginning to end doing it piece by piece . I
would love
to have two large schematics , one to hang on the wall
and one to
put on the bench .

I also have not studied the datasheets . Direct
replacement doesn't
always equate to a direct replacement for all
applications .

I would look at the X1M power supply to the final also
to make
certain that the radio can handle that part of it too .

I do find areas where the X1M seems to push certain
elements of the

various power systems a little harder than I normally do
in my
designs .

How expensive are the transistors and how difficult are
they to
obtain ? I haven't done any research at all on this
matter , but it
certainly could be of interest to some of the users on
here .

Perhaps later this evening I'll pull up the data
sheets and have a
look .

Interesting subject for the experimenters on here .

Charlie , W5COV

On 11/19/2013
9:36 PM,
disklog@...
wrote:

I realize that a slight increase in transmit
power means
very little at the receive end, and I realize
that antenna
improvements make easier signal improvements
at both ends
BUT....

Having said that, please bear with me
concerning this
question.

It appears to me that the RF power transistor
in these
radios is a RD06HVF1 which has 13db gain.
Considering
that the output of these radios is about 4.5
watts, I am
guessing that this 13db gain transistor is
being driven
with about 200mw. Someone please correct me if
I am
figuring this wrong.

For the sake of discussion, if we replace the
13db
transistor with the direct replacement
RD16HHF1, a 16db

gain transistor, would the additional 3db gain
give us
around 9 watts

output if driven with the same 200mw drive?

OK lets hear all the reasons why this
won't work. :)

I have built many projects but my design
skills are poor.
I am hoping you all can help answer this
question and
maybe I can learn something.

Thanks, Ken

2466. Xiegu Audio Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 03:32:47 UTC
From: <mr.olson@...>
Topic: 2466 Message: 2466

Has anyone played around with the Xiegu Audio Filter? I think it was designed for CW but works a little on SSB. I'm am trying to see if there is some way to make mine better on SSB. Years ago I put a BHI DSP in my FT-817 but they are expensive, $159, and I understand the audio filter will not work as good as a digital one. I did figure out the this filter looks like a knock-off of the NESCAF kit offered by NEQRP, New England QRP. They still sell them and you can download the schematic and manual at http://newenglandqrp.org/nescaf http://newenglandqrp.org/nescaf . Are there any opinions on possible mods. I built one but had problems getting it working so I bought the Xiegu filter.
Lee - N9LO

2467. Re: [X1M_QRP-Transceiver] Substitute RF power transistor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 03:58:39 UTC
From: Bill Maxwell
Topic: 2444 Message: 2467

Hi Charlie

The RD16HHF1 s available and being used in numerous otherr projects at
the moment. Take a look at the 20 watt PA project on
:http://www.qsl.net/k5bcq/Kits/Kits.html

Bill, VK7MX
<http://www.qsl.net/k5bcq/Kits/Kits.html>
>
>
> Hi Ken ,
>
> It does look like a possible device for the experimenters to work with
> and try out .
> I still have what I consider a major disadvantage and that is I need a
> wall size schematic of the X1M , since it is extremely difficult to
> work with all of the small pieces on the computer . My eyesight is
> poor and I sometimes have memory issues of maintaining continuity of
> thought beginning to end doing it piece by piece . I would love to
> have two large schematics , one to hang on the wall and one to put on
> the bench .
> I also have not studied the datasheets . Direct replacement doesn't
> always equate to a direct replacement for all applications .
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> that the radio can handle that part of it too .
> I do find areas where the X1M seems to push certain elements of the
> various power systems a little harder than I normally do in my designs .
> How expensive are the transistors and how difficult are they to obtain
> ? I haven't done any research at all on this matter , but it certainly
> could be of interest to some of the users on here .
> Perhaps later this evening I'll pull up the data sheets and have a look .
> Interesting subject for the experimenters on here .
>
> Charlie , W5COV
>
> On 11/19/2013 9:36 PM, disklog@... wrote:
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>> Having said that, please bear with me concerning this question.
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>> transistor is being driven with about 200mw. Someone please correct

>> me if I am figuring this wrong.
>> For the sake of discussion, if we replace the 13db transistor with
>> the direct replacement RD16HHF1, a 16db gain transistor, would the
>> additional 3db gain give us around 9 watts
>> output if driven with the same 200mw drive?
>> OK lets hear all the reasons why this won't work. :)
>> I have built many projects but my design skills are poor. I am hoping
>> you all can help answer this question and maybe I can learn something.
>> Thanks, Ken
>>
>
>
>
>

2468. Re: [X1M_QRP-Transceiver] Substitute RF power transistor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 04:01:34 UTC
From: Charlie , W5COV
Topic: 2444 Message: 2468

Hi Ken ,

I'll probably order some to keep here in my MOSFET collection . That is about the only amps I have time to play with these days . It is a good thought Ken and I do hope that it works out . We can relax now and enjoy the heck out of this very fine little radio and also now spend our time doing mods and accessories for it !! I have a hard time keeping current with all of the devices available out there these days . I am glad you did the research .

I agree with Lee / 7 this radio is made for experimenting and now more people can concentrate on experimenting and mods , since we have so many of the original issues now resolved . It is now a lot more radio , than what most of us thought that we were buying . The company has done a really great job of making a great little radio out of this and I don't even need to add "for the price these days" , because it can well stand alone on its own merits .

I was like Lee and bought it as an experimental radio and while I would have been slightly upset if I had a failure while working on it these past few months , like Lee said it could have been completely lost and not been a huge hit in the budget like some radios would be . Don't get me wrong , I don't have a lot of money for my radio budget and what little I do have usually goes to parts so I can build something . The price and the intrigue of this little radio made me buy it and it is the first new ham rig that I have been able to buy in many years . He is also correct , unless one makes a huge error or mistake , you can usually repair this one too .

Perfect radio all around for everyday use and for experimenting without the fear of going bankrupt :)

I am going to look around and see if I can pick up a few of those transistors to have on hand .

GREAT to see another experimenter and builder on here . Hope you all get your radios soon . Can't wait to read all of the feedback now that it is a complete working radio and that there is still going to be ongoing firmware upgrades . I have a feeling this may become one of the most popular radios ever sold and that the company is going to have a hard time keeping up with production . It is going to enjoy a nice long life and be very popular once the word gets out to more people about just how far it has come and what a buy it is !! I don't even see the slightest hint of ANY radio , kit or assembled on even the far off horizon that can even begin to compete with this one . A LOT of companies have a LOT of cost cutting to do and a LOT of catching up to do to compete with this !!

Charlie , W5COV

On 11/20/2013 9:32 PM, ken fest wrote:
>
> Charlie,
> The RD16hhf1 is a 16db gain, 16watt minimum transistor when driven
> from 400mw. They are $5.30 each and available many many places.
> It appears that the final transistor sits on the 12v line but I will
> have to verify it when I get the radio and determine if any
> questionable traces or parts are involved.
> I know such a small increase in RF power means little but if one
> incurs RF loses in a tuner etc, this might make that up. Not of great
> importance but for the price I just have to find out.
>
> --
> On Wed, 11/20/13, Charlie , W5COV <cvest@...> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] Substitute RF power transistor
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Wednesday, November 20, 2013, 8:21 PM
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> Hi Ken ,
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> It does look like a possible device for the
> experimenters to work
> with and try out .
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> I still have what I consider a major disadvantage and
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> a wall size schematic of the X1M , since it is extremely
> difficult
> to work with all of the small pieces on the computer .
> My eyesight
> is poor and I sometimes have memory issues of
> maintaining continuity
> of thought beginning to end doing it piece by piece . I
> would love
> to have two large schematics , one to hang on the wall
> and one to
> put on the bench .
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> I also have not studied the datasheets . Direct
> replacement doesn't
> always equate to a direct replacement for all
> applications .
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> I would look at the X1M power supply to the final also
> to make
> certain that the radio can handle that part of it too .
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> I do find areas where the X1M seems to push certain
> elements of the
> various power systems a little harder than I normally do
> in my
> designs .
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> How expensive are the transistors and how difficult are
> they to
> obtain ? I haven't done any research at all on this
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> Perhaps later this evening I'll pull up the data
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> look .
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> Interesting subject for the experimenters on here .
>
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>
> Charlie , W5COV

>
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>
> On 11/19/2013
> 9:36 PM,
> disklog@...
> wrote:
>
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> I realize that a slight increase in transmit
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> that antenna
> improvements make easier signal improvements
> at both ends
> BUT....
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> Considering
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> being driven
> with about 200mw. Someone please correct me if
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> For the sake of discussion, if we replace the
> 13db
> transistor with the direct replacement
> RD16HHF1, a 16db
> gain transistor, would the additional 3db gain
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> output if driven with the same 200mw drive?
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> won't work. :)
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> I have built many projects but my design
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> maybe I can learn something.
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> Thanks, Ken
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2469. Re: [X1M_QRP-Transceiver] Substitute RF power transistor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 04:10:42 UTC
From: Charlie , W5COV
Topic: 2444 Message: 2469

Hey Bill ,

I looked at that particular amp just the other day , for another application . Now those guys put out some VERY FINE projects and products !!! I just didn't pay any attention to the active device in it . THANKS for pointing that out .

It won't fit in my budget right now , but I can build something similar .

This time of year usually finds me on the frequencies below 2 MHz. where I do a lot of experimenting and am right now working on a new design of mine for a 600 / 630 meter transverter .

Will have to read their information again . They have a nice little operation going there , I would like to have a similar operation with just a very few products that I could concentrate on .

Charlie , W5COV

On 11/20/2013 9:58 PM, Bill Maxwell wrote:
>
> Hi Charlie
>
> The RD16HHF1 s available and being used in numerous otherr projects at
> the moment. Take a look at the 20 watt PA project on
> :http://www.qsl.net/k5bcq/Kits/Kits.html
>
> Bill, VK7MX
>
>> Hi Ken ,
>>
>> It does look like a possible device for the experimenters to work
>> with and try out .
>> I still have what I consider a major disadvantage and that is I need
>> a wall size schematic of the X1M , since it is extremely difficult to
>> work with all of the small pieces on the computer . My eyesight is
>> poor and I sometimes have memory issues of maintaining continuity of
>> thought beginning to end doing it piece by piece . I would love to
>> have two large schematics , one to hang on the wall and one to put on
>> the bench .
>> I also have not studied the datasheets . Direct replacement doesn't
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>> I would look at the X1M power supply to the final also to make
>> certain that the radio can handle that part of it too .
>> I do find areas where the X1M seems to push certain elements of the
>> various power systems a little harder than I normally do in my designs .

>> How expensive are the transistors and how difficult are they to
>> obtain ? I haven't done any research at all on this matter , but it
>> certainly could be of interest to some of the users on here .
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>> Interesting subject for the experimenters on here .
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>> Charlie , W5COV
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>> On 11/19/2013 9:36 PM, disklog@... wrote:
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>>> I realize that a slight increase in transmit power means very little
>>> at the receive end, and I realize that antenna improvements make
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>>> Having said that, please bear with me concerning this question.
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>>> RD06HVF1 which has 13db gain. Considering that the output of these
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>>> transistor is being driven with about 200mw. Someone please correct
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>>> additional 3db gain give us around 9 watts
>>> output if driven with the same 200mw drive?
>>> OK lets hear all the reasons why this won't work. :)
>>> I have built many projects but my design skills are poor. I am
>>> hoping you all can help answer this question and maybe I can learn
>>> something.
>>> Thanks, Ken
>>>
>>
>
>

2470. Re: [X1M_QRP-Transceiver] Xiegu Audio Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 04:21:47 UTC
From: Charlie , W5COV
Topic: 2466 Message: 2470

Hi Lee ,

I have the Xiegu Audio Filter , but have used it very little on SSB . I like it when I am working CW and it is even a big help on my FT-857 bare bones with no filters .

I agree that the filter appears to be a close copy of the NESCAF filter . I have not done any experimenting at all with the filter and any possible mods or changes for it .

Now that we have a stable version of a radio that is working quite well , now there is more time to start working on mods and accessories for the X1M . Plus when this shipment comes in we will have a larger group of people that can add some new eyes and ideas for us to play with .

Charlie , W5COV

On 11/20/2013 9:32 PM, mr.olson@... wrote:
>
> Has anyone played around with the Xiegu Audio Filter? I think it was
> designed for CW but works a little on SSB. I'm am trying to see if
> there is some way to make mine better on SSB. Years ago I put a BHI
> DSP in my FT-817 but they are expensive, $159, and I understand the
> audio filter will not work as good as a digital one. I did figure out
> the this filter looks like a knock-off of the NESCAF kit offered by
> NEQRP, New England QRP. They still sell them and you can download the
> schematic and manual at http://newenglandqrp.org/nescaf . Are there
> any opinions on possible mods. I built one but had problems getting
> it working so I bought the Xiegu filter.
>
> Lee - N9LO
>
>

2471. RE: Big Thanks Dale!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 04:39:34 UTC
From: <lphebus@...>
Topic: 2452 Message: 2471

I very much agree!!!

Lee
KF7YRS

---In X1M_QRP-Transceiver@yahoogroups.com, <rickmac06@...> wrote:

Dale, just want to take a minute to thank you for the time and effort that you made to bring us the AGC Upgrade. It was very kind of you and much appreciated. Regards, John KC9YAW. 73.

2472. RE: RE: Re: [X1M_QRP-Transceiver] Firmware Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 04:48:30 UTC
From: <wescom@...>
Topic: 2457 Message: 2472

Maybe I can take a shot at explaining desired CW operation.

1. With the RIT turned off, the frequency displayed in both transmit and receive should be the frequency that the CW carrier is transmitted on.

2. For CW operation, the receiver BFO frequency should be left as for upper sideband operation. The BFO frequency should be outside the receive bandpass. The receive frequency is shifted down by 600 to 1000 Hz from the displayed frequency so that a received CW signal on the displayed frequency will be in the receive IF filter bandpass.

3. As and example: Operating CW on 7.100 MHz. The transceiver should display 7.100 MHz in both transmit and receive. When we press the CW key, the transceiver should produce a carrier at exactly 7.100000 MHz. Assume we wish to hear other signals on 7.100 MHz at an audio pitch of 800 Hz. In receive, the transceiver will be tuned to 7.100 MHz minus 800 Hz which is 7.099200 MHz but still displaying 7.100 MHz.

4. The CW transmit and receive frequency is not placed in the center of the receive filter bandpass when using SSB width IF filters. That would require an on frequency receive signal to produce a 1500 Hz pitch tone which is very harsh for extended receiving.

Does that make sense?

Gary - N0GW

---In X1M_QRP-Transceiver@yahoogroups.com, <ed@...> wrote:

Dumping the present memory channel into the VFO is something I have just passed along to the factory for the second time. Them speaking no English makes these things a little difficult to explain but hopefully they will understand and it will be something that can be added.

For the explanation of the CW zero beat, that one will be tough. I'm open to suggestions on how to explain it.

73
Ed
www.ImportCommunications.com

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
I have tested the firmware and it looks to be spot on.
When in RIT mode the tuning control only effects RIT (that is you cannot QSY while in RIT) - but I am not certain that is a drawback at all. At any rate, because we do not have a dedicated RIT knob, this is the way it is going to work. I have no problem with it.

The issue with the very first CW element sent being on the RX frequency also appear to have bee 100% corrected. Listening on my K3, X1M's CW sounds very good indeed.

The ony feature we still don't have is the capability to dump the memory channel to the VFO. This would be a nice feature allowing rapid band change.

I would like some ops thoughts on a bit of a CW issue.. You may recall that initially CW Tone effected both RX and TX frequency- thus you could not offset the RX from the TX. The result being you and the station you were QSOing walked up and down the band (remember also that back then, RIT also effected RX and TX and split did not function in CW mode). So now CW Tone works fine.

Here is the issue as I see it- and where I would like some help as I may be missing something.
In order for the digital dial to read the correct CW frequency on RX, you have to set the CWBFO= IF OFFSET. This works. The result of doing this though, places the RX CW signal in the center of the xtal filter passband. This then means you will hear both sides of zero beat of incoming stations and you have to remember which side of zero beat to tune to in order to work a station. Does someone see a work around for this? Not a huge deal, but I would have no clue how to explain it to the designers.

And finally, many thanks to Ed who has really been pushing the gang in China to get new firmware changes accomplished.

Dale W4OP

----- Original Message -----
From: ed@... mailto:ed@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 20, 2013 4:53 PM
Subject: [X1M_QRP-Transceiver] Firmware Update

The latest firmware update has been added to the Files Section.

This update changes the step of the RIT control and hopefully improves the CW operations.

This update is only for the X1M-Pro model. It will also work on the X1M models that have had their front panel upgraded.

73
Ed Griffin
Import Communications

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2473. Re: [X1M_QRP-Transceiver] Substitute RF power transistor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 04:54:22 UTC
From: Bill Maxwell
Topic: 2444 Message: 2473

You're more than welcome, Charlie.
Steve G6ALU was the first amateur designer I know to use this transistor
in a PA.

73
Bill, VK7MX

On 21/11/2013 3:10 PM, Charlie , W5COV wrote:
>
>
> Hey Bill ,
>
> I looked at that particular amp just the other day , for another
> application . Now those guys put out some VERY FINE projects and
> products !!! I just didn't pay any attention to the active device in
> it . THANKS for pointing that out .
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> where I do a lot of experimenting and am right now working on a new
> design of mine for a 600 / 630 meter transverter .
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> Will have to read their information again . They have a nice little
> operation going there , I would like to have a similar operation with
> just a very few products that I could concentrate on .
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> Charlie , W5COV
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> On 11/20/2013 9:58 PM, Bill Maxwell wrote:
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>> :http://www.qsl.net/k5bcq/Kits/Kits.html
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>> Bill, VK7MX
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>>> Hi Ken ,
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>>> It does look like a possible device for the experimenters to work
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>>> a wall size schematic of the X1M , since it is extremely difficult

>>> to work with all of the small pieces on the computer . My eyesight
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>>> of thought beginning to end doing it piece by piece . I would love
>>> to have two large schematics , one to hang on the wall and one to
>>> put on the bench .
>>> I also have not studied the datasheets . Direct replacement doesn't
>>> always equate to a direct replacement for all applications .
>>> I would look at the X1M power supply to the final also to make
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>>> I do find areas where the X1M seems to push certain elements of the
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>>> How expensive are the transistors and how difficult are they to
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>>> Perhaps later this evening I'll pull up the data sheets and have a
>>> look .
>>> Interesting subject for the experimenters on here .
>>>
>>> Charlie , W5COV
>>>
>>> On 11/19/2013 9:36 PM, disklog@... wrote:
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>>>> I realize that a slight increase in transmit power means very
>>>> little at the receive end, and I realize that antenna improvements
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>>>> It appears to me that the RF power transistor in these radios is a
>>>> RD06HVF1 which has 13db gain. Considering that the output of these
>>>> radios is about 4.5 watts, I am guessing that this 13db gain
>>>> transistor is being driven with about 200mw. Someone please correct
>>>> me if I am figuring this wrong.
>>>> For the sake of discussion, if we replace the 13db transistor with
>>>> the direct replacement RD16HHF1, a 16db gain transistor, would the
>>>> additional 3db gain give us around 9 watts
>>>> output if driven with the same 200mw drive?
>>>> OK lets hear all the reasons why this won't work. :)
>>>> I have built many projects but my design skills are poor. I am
>>>> hoping you all can help answer this question and maybe I can learn
>>>> something.
>>>> Thanks, Ken
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2474. Re: [X1M_QRP-Transceiver] Substitute RF power transistor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 05:18:16 UTC
From: Dale Parfitt
Topic: 2444 Message: 2474

Works fine with my Palomar converter. The transverter may be the answer.
Interesting PA transistor discussion. 10W would be nice. I'll sit on the sidelines and see how this plays out.

Dale
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 20, 2013 11:01 PM
Subject: Re: [X1M_QRP-Transceiver] Substitute RF power transistor

Hi Ken ,

I'll probably order some to keep here in my MOSFET collection . That is about the only amps I have time to play with these days . It is a good thought Ken and I do hope that it works out . We can relax now and enjoy the heck out of this very fine little radio and also now spend our time doing mods and accessories for it !! I have a hard time keeping current with all of the devices available out there these days . I am glad you did the research .

I agree with Lee / 7 this radio is made for experimenting and now more people can concentrate on experimenting and mods , since we have so many of the original issues now resolved . It is now a lot more radio , than what most of us thought that we were buying . The company has done a really great job of making a great little radio out of this and I don't even need to add "for the price these days" , because it can well stand alone on its own merits .

I was like Lee and bought it as an experimental radio and while I would have been slightly upset if I had a failure while working on it these past few months , like Lee said it could have been completely lost and not been a huge hit in the budget like some radios would be . Don't get me wrong , I don't have a lot of money for my radio budget and what little I do have usually goes to parts so I can build something . The price and the intrigue of this little radio made me buy it and it is the first new ham rig that I have been able to buy in many years . He is also correct , unless one makes a huge error or mistake , you can usually repair this one too .

Perfect radio all around for everyday use and for experimenting without the fear of going bankrupt :)

I am going to look around and see if I can pick up a few of those transistors to have on hand .

GREAT to see another experimenter and builder on here . Hope you all get your radios soon . Can't wait to read all of the feedback now that it is a complete working radio and that there is still going to be ongoing firmware upgrades . I have a feeling this may become one of the most popular radios ever sold and that the company is going to have a hard time keeping up with production . It is going to enjoy a nice long life and be very popular once the word gets out to more people about just how far it has come and what a buy it is !! I

don't even see the slightest hint of ANY radio , kit or assembled on even the far off horizon that can even begin to compete with this one . A LOT of companies have a LOT of cost cutting to do and a LOT of catching up to do to compete with this !!

Charlie , W5COV

On 11/20/2013 9:32 PM, ken fest wrote:

Charlie,
The RD16hhf1 is a 16db gain, 16watt minimum transistor when driven from 400mw. They are $5.30 each and available many many places.
It appears that the final transistor sits on the 12v line but I will have to verify it when I get the radio and determine if any questionable traces or parts are involved.
I know such a small increase in RF power means little but if one incurs RF loses in a tuner etc, this might make that up. Not of great importance but for the price I just have to find out.

On Wed, 11/20/13, Charlie , W5COV <cvest@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] Substitute RF power transistor
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Wednesday, November 20, 2013, 8:21 PM

Hi Ken ,

It does look like a possible device for the
experimenters to work
with and try out .

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that is I need
a wall size schematic of the X1M , since it is extremely
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Perhaps later this evening I'll pull up the data
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look .

Interesting subject for the experimenters on here .

Charlie , W5COV

On 11/19/2013
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disklog@...
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OK lets hear all the reasons why this
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skills are poor.
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question and
maybe I can learn something.

Thanks, Ken

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2475. Re: [X1M_QRP-Transceiver] RE: Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 05:28:43 UTC
From: Victor Schensnovich
Topic: 2445 Message: 2475

Looking for the "Farnell", speaker costs 2.15 euro, shipping cost 20
euro. Too much!
21.11.2013 3:55, Charlie , W5COV пишет:
>
> This is a GREAT example of the international cooperation and help
> found in this group !!! I hope that you will keep us informed Victor
> and if you come up with some useful information where other members
> can buy this speaker at a price with shipping that is within reason ,
> please post that information so that it will be available to help
> other members outside of the USA.
>
> Charlie , W5COV
>
> On 11/20/2013 1:16 PM, ua1cex@... wrote:
>>
>> Ok, I found "Farnell" in Russia. Now, is too late here. Tomorrow, I
>> will find out. Thank you for info.
>>
>> 73/72 - Victor, UA1CEX.
>>
>> -----Original Message-----
>> From: lphebus@...
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: ср, 20 ноя 2013 23:01
>> Subject: RE: Re: [X1M_QRP-Transceiver] RE: Internal speaker
>>
>> I spoke to PUI Audio, the company that manufactures the speaker.
>> They recommended "Farnell" as a franchise distributor that could get
>> any of their products in Russia. Maybe this will be of help?
>>
>>
>>
>> ---In X1M_QRP-Transceiver@yahoogroups.com, <ua1cex@...> wrote:
>>
>> Andy, could you give me a link, where you bought. Is there English?
>>
>> 73/72 - Victor, UA1CEX.
>
>

2476. CW setup issue

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 05:34:56 UTC
From: Dale Parfitt
Topic: 2476 Message: 2476

It all makes perfect sense Gary- and is exactly as I think it should be. The issue is that set up that way (CW BFO=USB BFO), the RX frequency as displayed on the freq readout is not correct. The only way to get the RX frequency to be correct is to set the CW BFO= IF OFFSET, and the CW signal is now centered in the filter (not where one wants it) . I agree that the CW signal when tuned to the tone you have set in menu should be off the skirt on the filter.

Have you set up your rig for CW? Perhaps mine is behaving differently than yours?

Dale W4OP
----- Original Message -----
From: wescom@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 20, 2013 11:48 PM
Subject: RE: RE: Re: [X1M_QRP-Transceiver] Firmware Update

Maybe I can take a shot at explaining desired CW operation.

1. With the RIT turned off, the frequency displayed in both transmit and receive should be the frequency that the CW carrier is transmitted on.

2. For CW operation, the receiver BFO frequency should be left as for upper sideband operation. The BFO frequency should be outside the receive bandpass. The receive frequency is shifted down by 600 to 1000 Hz from the displayed frequency so that a received CW signal on the displayed frequency will be in the receive IF filter bandpass.

3. As and example: Operating CW on 7.100 MHz. The transceiver should display 7.100 MHz in both transmit and receive. When we press the CW key, the transceiver should produce a carrier at exactly 7.100000 MHz. Assume we wish to hear other signals on 7.100 MHz at an audio pitch of 800 Hz. In receive, the transceiver will be tuned to 7.100 MHz minus 800 Hz which is 7.099200 MHz but still displaying 7.100 MHz.

4. The CW transmit and receive frequency is not placed in the center of the receive filter bandpass when using SSB width IF filters. That would require an on frequency receive signal to produce a 1500 Hz pitch tone which is very harsh for extended receiving.

Does that make sense?

Gary - N0GW

---In X1M_QRP-Transceiver@yahoogroups.com, <ed@...> wrote:

Dumping the present memory channel into the VFO is something I have just passed along to the factory for the second time. Them speaking no English makes these things a little difficult to explain but hopefully they will understand and it will be something that can be added.

For the explanation of the CW zero beat, that one will be tough. I'm open to suggestions on how to explain it.

73

Ed

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---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐

I have tested the firmware and it looks to be spot on.
When in RIT mode the tuning control only effects RIT (that is you cannot QSY while in RIT) - but I am not certain that is a drawback at all. At any rate, because we do not have a dedicated RIT knob, this is the way it is going to work. I have no problem with it.

The issue with the very first CW element sent being on the RX frequency also appear to have bee 100% corrected. Listening on my K3, X1M's CW sounds very good indeed.

The ony feature we still don't have is the capability to dump the memory channel to the VFO. This would be a nice feature allowing rapid band change.

I would like some ops thoughts on a bit of a CW issue.. You may recall that initially CW Tone effected both RX and TX frequency- thus you could not offset the RX from the TX. The result being you and the station you were QSOing walked up and down the band (remember also that back then, RIT also effected RX and TX and split did not function in CW mode). So now CW Tone works fine.

Here is the issue as I see it- and where I would like some help as I may be missing something.
In order for the digital dial to read the correct CW frequency on RX, you have to set the CWBFO= IF OFFSET. This works. The result of doing this though, places the RX CW signal in the center of the xtal filter passband. This then means you will hear both sides of zero beat of incoming stations and you have to remember which side of zero beat to tune to in order to work a station. Does someone see a work around for this? Not a huge deal, but I would have no clue how to explain it to the designers.

And finally, many thanks to Ed who has really been pushing the gang in China to get new firmware changes accomplished.

Dale W4OP

----- Original Message -----
From: ed@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 20, 2013 4:53 PM
Subject: [X1M_QRP-Transceiver] Firmware Update

The latest firmware update has been added to the Files Section.

This update changes the step of the RIT control and hopefully improves the CW operations.

This update is only for the X1M-Pro model. It will also work on the X1M models that have had their front panel upgraded.

73
Ed Griffin
Import Communications

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2477. Re: [X1M_QRP-Transceiver] RE: Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 05:47:21 UTC
From: Charlie , W5COV
Topic: 2445 Message: 2477

WOW yes far too much shipping Victor !!! I have no ideas on a solution , since I no longer work in anything related to shipping outside of the states .

I am on the Mouser site right now getting ready to order one . Unfortunately they do not have that MOSFET transistor and some other parts that I need to order have gone up so much in price I can't afford to order them from them , but am going to have to resort to eBay . So now I am trying to buy enough parts that I can use to make the order worthwhile .

Do you know of any possible solutions that any of us on the group could help you with ?

Charlie , W5COV

On 11/20/2013 11:28 PM, Victor Schensnovich wrote:
>
> Looking for the "Farnell", speaker costs 2.15 euro, shipping cost 20
> euro. Too much!
>
> 21.11.2013 3:55, Charlie , W5COV пишет:
>>
>> This is a GREAT example of the international cooperation and help
>> found in this group !!! I hope that you will keep us informed Victor
>> and if you come up with some useful information where other members
>> can buy this speaker at a price with shipping that is within reason ,
>> please post that information so that it will be available to help
>> other members outside of the USA.
>>
>> Charlie , W5COV
>>
>> On 11/20/2013 1:16 PM, ua1cex@... wrote:
>>>
>>> Ok, I found "Farnell" in Russia. Now, is too late here. Tomorrow, I
>>> will find out. Thank you for info.
>>>
>>> 73/72 - Victor, UA1CEX.
>>>
>>> -----Original Message-----
>>> From: lphebus@...
>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>> Sent: ср, 20 ноя 2013 23:01
>>> Subject: RE: Re: [X1M_QRP-Transceiver] RE: Internal speaker
>>>
>>> I spoke to PUI Audio, the company that manufactures the speaker.

>>> They recommended "Farnell" as a franchise distributor that could
>>> get any of their products in Russia. Maybe this will be of help?
>>>
>>>
>>>
>>> ---In X1M_QRP-Transceiver@yahoogroups.com, <ua1cex@...> wrote:
>>>
>>> Andy, could you give me a link, where you bought. Is there English?
>>>
>>> 73/72 - Victor, UA1CEX.
>>
>
>

2478. Re: [X1M_QRP-Transceiver] Substitute RF power transistor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 05:53:19 UTC
From: Charlie , W5COV
Topic: 2444 Message: 2478

Dale , I'll scale this filter , since I am putting together a Mouser order and get busy over the next couple of days and build up 2 transverters and see how they do . Am picking up some good capacitors . I think the transverter will be MUCH better , probably include a BCB filter in the transverter now too .

Charlie

On 11/20/2013 11:18 PM, Dale Parfitt wrote:
>
> Works fine with my Palomar converter. The transverter may be the answer.
> Interesting PA transistor discussion. 10W would be nice. I'll sit on
> the sidelines and see how this plays out.
> Dale
>
> ----- Original Message -----
> *From:* Charlie , W5COV <mailto:cvest@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Wednesday, November 20, 2013 11:01 PM
> *Subject:* Re: [X1M_QRP-Transceiver] Substitute RF power transistor
>
> Hi Ken ,
>
> I'll probably order some to keep here in my MOSFET collection .
> That is about the only amps I have time to play with these days .
> It is a good thought Ken and I do hope that it works out . We can
> relax now and enjoy the heck out of this very fine little radio
> and also now spend our time doing mods and accessories for it !! I
> have a hard time keeping current with all of the devices available
> out there these days . I am glad you did the research .
>
> I agree with Lee / 7 this radio is made for experimenting and now
> more people can concentrate on experimenting and mods , since we
> have so many of the original issues now resolved . It is now a lot
> more radio , than what most of us thought that we were buying .
> The company has done a really great job of making a great little
> radio out of this and I don't even need to add "for the price
> these days" , because it can well stand alone on its own merits .
>
> I was like Lee and bought it as an experimental radio and while I
> would have been slightly upset if I had a failure while working on
> it these past few months , like Lee said it could have been
> completely lost and not been a huge hit in the budget like some
> radios would be . Don't get me wrong , I don't have a lot of money

> for my radio budget and what little I do have usually goes to
> parts so I can build something . The price and the intrigue of
> this little radio made me buy it and it is the first new ham rig
> that I have been able to buy in many years . He is also correct ,
> unless one makes a huge error or mistake , you can usually repair
> this one too .
>
> Perfect radio all around for everyday use and for experimenting
> without the fear of going bankrupt :)
>
> I am going to look around and see if I can pick up a few of those
> transistors to have on hand .
>
> GREAT to see another experimenter and builder on here . Hope you
> all get your radios soon . Can't wait to read all of the feedback
> now that it is a complete working radio and that there is still
> going to be ongoing firmware upgrades . I have a feeling this may
> become one of the most popular radios ever sold and that the
> company is going to have a hard time keeping up with production .
> It is going to enjoy a nice long life and be very popular once the
> word gets out to more people about just how far it has come and
> what a buy it is !! I don't even see the slightest hint of ANY
> radio , kit or assembled on even the far off horizon that can even
> begin to compete with this one . A LOT of companies have a LOT of
> cost cutting to do and a LOT of catching up to do to compete with
> this !!
>
> Charlie , W5COV
>
>
> On 11/20/2013 9:32 PM, ken fest wrote:
>>
>> Charlie,
>> The RD16hhf1 is a 16db gain, 16watt minimum transistor when
>> driven from 400mw. They are $5.30 each and available many many
>> places.
>> It appears that the final transistor sits on the 12v line but I
>> will have to verify it when I get the radio and determine if any
>> questionable traces or parts are involved.
>> I know such a small increase in RF power means little but if one
>> incurs RF loses in a tuner etc, this might make that up. Not of
>> great importance but for the price I just have to find out.
>>
>> ---
>> On Wed, 11/20/13, Charlie , W5COV <cvest@...> wrote:
>>
>> Subject: Re: [X1M_QRP-Transceiver] Substitute RF power transistor
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Date: Wednesday, November 20, 2013, 8:21 PM
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>> Hi Ken ,
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>> It does look like a possible device for the
>> experimenters to work
>> with and try out .
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>> I still have what I consider a major disadvantage and
>> that is I need
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>> to work with all of the small pieces on the computer .
>> My eyesight
>> is poor and I sometimes have memory issues of
>> maintaining continuity
>> of thought beginning to end doing it piece by piece . I
>> would love
>> to have two large schematics , one to hang on the wall
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>> put on the bench .
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>> I also have not studied the datasheets . Direct

>> replacement doesn't
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>> applications .
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>> I would look at the X1M power supply to the final also
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>> I do find areas where the X1M seems to push certain
>> elements of the
>> various power systems a little harder than I normally do
>> in my
>> designs .
>>
>> How expensive are the transistors and how difficult are
>> they to
>> obtain ? I haven't done any research at all on this
>> matter , but it
>> certainly could be of interest to some of the users on
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>> Perhaps later this evening I'll pull up the data
>> sheets and have a
>> look .
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>> Interesting subject for the experimenters on here .
>>
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>> Charlie , W5COV
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>> On 11/19/2013
>> 9:36 PM,
>> disklog@...
>> wrote:
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>> I realize that a slight increase in transmit
>> power means
>> very little at the receive end, and I realize
>> that antenna
>> improvements make easier signal improvements
>> at both ends
>> BUT....

>>
>> Having said that, please bear with me
>> concerning this
>> question.
>>
>> It appears to me that the RF power transistor
>> in these
>> radios is a RD06HVF1 which has 13db gain.
>> Considering
>> that the output of these radios is about 4.5
>> watts, I am
>> guessing that this 13db gain transistor is
>> being driven
>> with about 200mw. Someone please correct me if
>> I am
>> figuring this wrong.
>>
>> For the sake of discussion, if we replace the
>> 13db
>> transistor with the direct replacement
>> RD16HHF1, a 16db
>> gain transistor, would the additional 3db gain
>> give us
>> around 9 watts
>>
>> output if driven with the same 200mw drive?
>>
>> OK lets hear all the reasons why this
>> won't work. :)
>>
>> I have built many projects but my design
>> skills are poor.
>> I am hoping you all can help answer this
>> question and
>> maybe I can learn something.
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>> Thanks, Ken
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> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
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> 11/13/13
>
>

2479. Re: [X1M_QRP-Transceiver] Substitute RF power transistor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 06:28:46 UTC
From: Dale Parfitt
Topic: 2444 Message: 2479

Let me know, and I'll send you the schematic for our BCST-LPF. It's an elliptic topology with a fast rolloff above 530KHz.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, November 21, 2013 12:53 AM
Subject: Re: [X1M_QRP-Transceiver] Substitute RF power transistor

Dale , I'll scale this filter , since I am putting together a Mouser order and get busy over the next couple of days and build up 2 transverters and see how they do . Am picking up some good capacitors . I think the transverter will be MUCH better , probably include a BCB filter in the transverter now too .

Charlie

On 11/20/2013 11:18 PM, Dale Parfitt wrote:

Works fine with my Palomar converter. The transverter may be the answer.
Interesting PA transistor discussion. 10W would be nice. I'll sit on the sidelines and see how this plays out.

Dale
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 20, 2013 11:01 PM
Subject: Re: [X1M_QRP-Transceiver] Substitute RF power transistor

Hi Ken ,

I'll probably order some to keep here in my MOSFET collection . That is about the only amps I have time to play with these days . It is a good thought Ken and I do hope that it works out . We can relax now and enjoy the heck out of this very fine little radio and also now spend our time doing mods and accessories for it !! I have a hard time keeping current with all of the devices available out there these days . I am glad you did the research .

I agree with Lee / 7 this radio is made for experimenting and now more people can concentrate on experimenting and mods , since we have so many of the original issues now resolved . It is now a lot more radio , than what most of us thought that we were buying . The company has done a really great job of making a great little radio out of this and I don't even need to add "for the price these days" , because it can well stand alone on its own merits .

I was like Lee and bought it as an experimental radio and while I would have been slightly upset if I had a failure while working on it these past few months , like Lee said it could

have been completely lost and not been a huge hit in the budget like some radios would be . Don't get me wrong , I don't have a lot of money for my radio budget and what little I do have usually goes to parts so I can build something . The price and the intrigue of this little radio made me buy it and it is the first new ham rig that I have been able to buy in many years . He is also correct , unless one makes a huge error or mistake , you can usually repair this one too .

Perfect radio all around for everyday use and for experimenting without the fear of going bankrupt :)

I am going to look around and see if I can pick up a few of those transistors to have on hand .

GREAT to see another experimenter and builder on here . Hope you all get your radios soon . Can't wait to read all of the feedback now that it is a complete working radio and that there is still going to be ongoing firmware upgrades . I have a feeling this may become one of the most popular radios ever sold and that the company is going to have a hard time keeping up with production . It is going to enjoy a nice long life and be very popular once the word gets out to more people about just how far it has come and what a buy it is !! I don't even see the slightest hint of ANY radio , kit or assembled on even the far off horizon that can even begin to compete with this one . A LOT of companies have a LOT of cost cutting to do and a LOT of catching up to do to compete with this !!

Charlie , W5COV

On 11/20/2013 9:32 PM, ken fest wrote:

Charlie,
The RD16hhf1 is a 16db gain, 16watt minimum transistor when driven from 400mw. They are $5.30 each and available many many places.
It appears that the final transistor sits on the 12v line but I will have to verify it when I get the radio and determine if any questionable traces or parts are involved.
I know such a small increase in RF power means little but if one incurs RF loses in a tuner etc, this might make that up. Not of great importance but for the price I just have to find out.

On Wed, 11/20/13, Charlie , W5COV <cvest@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] Substitute RF power transistor
To: X1M_QRP-Transceiver@...m
Date: Wednesday, November 20, 2013, 8:21 PM

Hi Ken ,

It does look like a possible device for the
experimenters to work
with and try out .

I still have what I consider a major disadvantage and
that is I need
a wall size schematic of the X1M , since it is extremely
difficult
to work with all of the small pieces on the computer .

My eyesight
is poor and I sometimes have memory issues of
maintaining continuity
of thought beginning to end doing it piece by piece . I
would love
to have two large schematics , one to hang on the wall
and one to
put on the bench .

I also have not studied the datasheets . Direct
replacement doesn't
always equate to a direct replacement for all
applications .

I would look at the X1M power supply to the final also
to make
certain that the radio can handle that part of it too .

I do find areas where the X1M seems to push certain
elements of the
various power systems a little harder than I normally do
in my
designs .

How expensive are the transistors and how difficult are
they to
obtain ? I haven't done any research at all on this
matter , but it
certainly could be of interest to some of the users on
here .

Perhaps later this evening I'll pull up the data
sheets and have a
look .

Interesting subject for the experimenters on here .

Charlie , W5COV

On 11/19/2013
9:36 PM,
disklog@...m
wrote:

I realize that a slight increase in transmit
power means
very little at the receive end, and I realize
that antenna
improvements make easier signal improvements
at both ends
BUT....

Having said that, please bear with me
concerning this
question.

It appears to me that the RF power transistor
in these
radios is a RD06HVF1 which has 13db gain.
Considering
that the output of these radios is about 4.5
watts, I am
guessing that this 13db gain transistor is
being driven
with about 200mw. Someone please correct me if
I am
figuring this wrong.

For the sake of discussion, if we replace the
13db
transistor with the direct replacement
RD16HHF1, a 16db
gain transistor, would the additional 3db gain
give us
around 9 watts

output if driven with the same 200mw drive?

OK lets hear all the reasons why this
won't work. :)

I have built many projects but my design
skills are poor.
I am hoping you all can help answer this
question and
maybe I can learn something.

Thanks, Ken

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

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2480. Parts Question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 06:28:12 UTC
From: Charlie , W5COV
Topic: 2480 Message: 2480

Okay , I thought that I ordered quite a few "common parts."

Am I doing something wrong (highly possible) or are some of these what I consider common parts , becoming obsolete this quickly ?

I am looking for C0G or NP0 leaded capacitors on Mouser . What I am seeing is extremely slim picking and some really expensive for what I don't consider a high dollar part . Tons and tons of them in Surface Mount . Almost none , at least on a couple that I started out looking for in leaded radial . The first one was a 2,000 pF. Many are shown as non stocked , some show stock levels in the single digits . The 1% one that I found was $12.00 !!

I don't like to buy my capacitors on eBay , because well in excess of 90 % of them are from a foreign supplier , usually China . I don't have a problem buying China parts for most applications , but in this case I need them in an RF application and they never clearly state that they are indeed NP0 or C0G and I am trying very hard to improve the quality of parts that I keep on hand . Also the lead time from China can seem like forever when you are building a project .

Luckily in this case I was trying to replace and add stock . I do have silver micas on hand so it isn't going to slow my building so far on this particular project . I haven't checked all of the values that I need since I have made design changes to this project in the past week . Since I am also an old tube guy , hopefully I have all of the values that I need in stock of good quality capacitors .

So what is everyone else that is a builder / homebrewer doing on parts today for non surface mount projects ?

Maybe one day we will come up with a project that almost everyone just has to have and we can do a group buy . Mouser usually offers some substantial price cuts in lot of 10 and some the break is at 25 , but it is usually big enough to justify at least me , buying the larger quantity , since it is nice to have all of the parts on hand when I decide to build a project .

Maybe I'll put the order off until tomorrow so I can come up with a good list to fill up on parts that I am low on and see if there are some new ones I need to have on hand .

Charlie , W5COV

2481. Re: [X1M_QRP-Transceiver] Substitute RF power transistor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 06:31:59 UTC
From: Dale Parfitt
Topic: 2444 Message: 2481

Are you on 185KHz tonight Charlie. If so I'll run captures all night.

Dale W4OP
----- Original Message -----
From: ken fest
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 20, 2013 10:32 PM
Subject: Re: [X1M_QRP-Transceiver] Substitute RF power transistor

Charlie,
The RD16hhf1 is a 16db gain, 16watt minimum transistor when driven from 400mw. They are $5.30 each and available many many places.
It appears that the final transistor sits on the 12v line but I will have to verify it when I get the radio and determine if any questionable traces or parts are involved.
I know such a small increase in RF power means little but if one incurs RF loses in a tuner etc, this might make that up. Not of great importance but for the price I just have to find out.

On Wed, 11/20/13, Charlie , W5COV <cvest@cox.net> wrote:

Subject: Re: [X1M_QRP-Transceiver] Substitute RF power transistor
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Wednesday, November 20, 2013, 8:21 PM

Hi Ken ,

It does look like a possible device for the
experimenters to work
with and try out .

I still have what I consider a major disadvantage and
that is I need
a wall size schematic of the X1M , since it is extremely
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to work with all of the small pieces on the computer .
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replacement doesn't

always equate to a direct replacement for all
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sheets and have a
look .

Interesting subject for the experimenters on here .

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OK lets hear all the reasons why this
won't work. :)

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skills are poor.
I am hoping you all can help answer this
question and
maybe I can learn something.

Thanks, Ken

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2482. Re: [X1M_QRP-Transceiver] Substitute RF power transistor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 06:41:07 UTC
From: Charlie , W5COV
Topic: 2444 Message: 2482

Thanks Dale , I really appreciate that . Is 10 MHz. IF okay for you ? I have a couple of spare OCXO's for there , so we should have the stability we need . Later I will build a SMD model since I also have some 2.5ppm TCXO's here and it looks like I will have no problem sourcing high quality SMD parts to build a tiny model with , I also have several AADE and Mini Circuits SMD mixers , so I have plenty of good high quality parts to build up a couple of different models .

I only have one BCB station close enough to me to be of any real concern at all . It operates from 6 a.m. until midnight . It runs 10,000 watts daytime and 5,000 watts night time and the transmitter is about 20 or 25 miles from me . I have never really had many issues with it .

Yes the beacon is on . I'll go back and check the loading .

Charlie

On 11/21/2013 12:28 AM, Dale Parfitt wrote:
>
> Let me know, and I'll send you the schematic for our BCST-LPF. It's an
> elliptic topology with a fast rolloff above 530KHz.
> Dale W4OP
>
> ----- Original Message -----
> *From:* Charlie , W5COV <mailto:cvest@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Thursday, November 21, 2013 12:53 AM
> *Subject:* Re: [X1M_QRP-Transceiver] Substitute RF power transistor
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> Dale , I'll scale this filter , since I am putting together a
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> up 2 transverters and see how they do . Am picking up some good
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>> on the sidelines and see how this plays out.
>> Dale
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>> *From:* Charlie , W5COV <mailto:cvest@...>
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>> *Sent:* Wednesday, November 20, 2013 11:01 PM
>> *Subject:* Re: [X1M_QRP-Transceiver] Substitute RF power
>> transistor
>>
>> Hi Ken ,
>>
>> I'll probably order some to keep here in my MOSFET collection
>> . That is about the only amps I have time to play with these
>> days . It is a good thought Ken and I do hope that it works
>> out . We can relax now and enjoy the heck out of this very
>> fine little radio and also now spend our time doing mods and
>> accessories for it !! I have a hard time keeping current with
>> all of the devices available out there these days . I am glad
>> you did the research .
>>
>> I agree with Lee / 7 this radio is made for experimenting and
>> now more people can concentrate on experimenting and mods ,
>> since we have so many of the original issues now resolved .
>> It is now a lot more radio , than what most of us thought
>> that we were buying . The company has done a really great job
>> of making a great little radio out of this and I don't even
>> need to add "for the price these days" , because it can well
>> stand alone on its own merits .
>>
>> I was like Lee and bought it as an experimental radio and
>> while I would have been slightly upset if I had a failure
>> while working on it these past few months , like Lee said it
>> could have been completely lost and not been a huge hit in
>> the budget like some radios would be . Don't get me wrong , I
>> don't have a lot of money for my radio budget and what little
>> I do have usually goes to parts so I can build something .
>> The price and the intrigue of this little radio made me buy
>> it and it is the first new ham rig that I have been able to
>> buy in many years . He is also correct , unless one makes a
>> huge error or mistake , you can usually repair this one too .
>>
>> Perfect radio all around for everyday use and for
>> experimenting without the fear of going bankrupt :)
>>
>> I am going to look around and see if I can pick up a few of
>> those transistors to have on hand .
>>
>> GREAT to see another experimenter and builder on here . Hope
>> you all get your radios soon . Can't wait to read all of the
>> feedback now that it is a complete working radio and that
>> there is still going to be ongoing firmware upgrades . I have
>> a feeling this may become one of the most popular radios ever

>> sold and that the company is going to have a hard time
>> keeping up with production . It is going to enjoy a nice long
>> life and be very popular once the word gets out to more
>> people about just how far it has come and what a buy it is !!
>> I don't even see the slightest hint of ANY radio , kit or
>> assembled on even the far off horizon that can even begin to
>> compete with this one . A LOT of companies have a LOT of cost
>> cutting to do and a LOT of catching up to do to compete with
>> this !!
>>
>> Charlie , W5COV
>>
>>
>> On 11/20/2013 9:32 PM, ken fest wrote:
>>>
>>> Charlie,
>>> The RD16hhf1 is a 16db gain, 16watt minimum transistor when
>>> driven from 400mw. They are $5.30 each and available many
>>> many places.
>>> It appears that the final transistor sits on the 12v line
>>> but I will have to verify it when I get the radio and
>>> determine if any questionable traces or parts are involved.
>>> I know such a small increase in RF power means little but if
>>> one incurs RF loses in a tuner etc, this might make that up.
>>> Not of great importance but for the price I just have to
>>> find out.
>>>
>>> ---
>>> On Wed, 11/20/13, Charlie , W5COV <cvest@...> wrote:
>>>
>>> Subject: Re: [X1M_QRP-Transceiver] Substitute RF power
>>> transistor
>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>> Date: Wednesday, November 20, 2013, 8:21 PM
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>>> Hi Ken ,
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>>> It does look like a possible device for the
>>> experimenters to work
>>> with and try out .
>>>
>>> I still have what I consider a major disadvantage and
>>> that is I need
>>> a wall size schematic of the X1M , since it is extremely
>>> difficult
>>> to work with all of the small pieces on the computer .
>>> My eyesight
>>> is poor and I sometimes have memory issues of
>>> maintaining continuity
>>> of thought beginning to end doing it piece by piece . I
>>> would love
>>> to have two large schematics , one to hang on the wall
>>> and one to
>>> put on the bench .
>>>
>>> I also have not studied the datasheets . Direct
>>> replacement doesn't
>>> always equate to a direct replacement for all
>>> applications .
>>>
>>> I would look at the X1M power supply to the final also
>>> to make
>>> certain that the radio can handle that part of it too .
>>>
>>> I do find areas where the X1M seems to push certain
>>> elements of the
>>> various power systems a little harder than I normally do
>>> in my
>>> designs .
>>>
>>> How expensive are the transistors and how difficult are

>>> they to
>>> obtain ? I haven't done any research at all on this
>>> matter , but it
>>> certainly could be of interest to some of the users on
>>> here .
>>>
>>> Perhaps later this evening I'll pull up the data
>>> sheets and have a
>>> look .
>>>
>>> Interesting subject for the experimenters on here .
>>>
>>>
>>>
>>> Charlie , W5COV
>>>
>>>
>>>
>>> On 11/19/2013
>>> 9:36 PM,
>>> disklog@...
>>> wrote:
>>>
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>>>
>>>
>>>
>>>
>>> I realize that a slight increase in transmit
>>> power means
>>> very little at the receive end, and I realize
>>> that antenna
>>> improvements make easier signal improvements
>>> at both ends
>>> BUT....
>>>
>>> Having said that, please bear with me
>>> concerning this
>>> question.
>>>
>>> It appears to me that the RF power transistor
>>> in these
>>> radios is a RD06HVF1 which has 13db gain.
>>> Considering
>>> that the output of these radios is about 4.5
>>> watts, I am
>>> guessing that this 13db gain transistor is
>>> being driven
>>> with about 200mw. Someone please correct me if
>>> I am

>>> figuring this wrong.
>>>
>>> For the sake of discussion, if we replace the
>>> 13db
>>> transistor with the direct replacement
>>> RD16HHF1, a 16db
>>> gain transistor, would the additional 3db gain
>>> give us
>>> around 9 watts
>>>
>>> output if driven with the same 200mw drive?
>>>
>>> OK lets hear all the reasons why this
>>> won't work. :)
>>>
>>> I have built many projects but my design
>>> skills are poor.
>>> I am hoping you all can help answer this
>>> question and
>>> maybe I can learn something.
>>>
>>> Thanks, Ken
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>> No virus found in this message.
>> Checked by AVG - www.avg.com <http://www.avg.com>
>> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release
>> Date: 11/13/13
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> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date:
> 11/13/13
>
>

2483. Re: [X1M_QRP-Transceiver] Substitute RF power transistor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 06:51:51 UTC
From: Charlie , W5COV
Topic: 2444 Message: 2483

Conditions are changing here to more like LF season . The beacon loaded
a little better tonight . The ground must be improving .

Charlie

On 11/21/2013 12:31 AM, Dale Parfitt wrote:
>
> Are you on 185KHz tonight Charlie. If so I'll run captures all night.
> Dale W4OP
>
> ----- Original Message -----
> *From:* ken fest <mailto:disklog@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Wednesday, November 20, 2013 10:32 PM
> *Subject:* Re: [X1M_QRP-Transceiver] Substitute RF power transistor
>
> Charlie,
> The RD16hhf1 is a 16db gain, 16watt minimum transistor when driven
> from 400mw. They are $5.30 each and available many many places.
> It appears that the final transistor sits on the 12v line but I
> will have to verify it when I get the radio and determine if any
> questionable traces or parts are involved.
> I know such a small increase in RF power means little but if one
> incurs RF loses in a tuner etc, this might make that up. Not of
> great importance but for the price I just have to find out.
>
> ---
> On Wed, 11/20/13, Charlie , W5COV <cvest@...> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] Substitute RF power transistor
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Wednesday, November 20, 2013, 8:21 PM
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> Hi Ken ,
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> It does look like a possible device for the
> experimenters to work
> with and try out .
>
> I still have what I consider a major disadvantage and
> that is I need
> a wall size schematic of the X1M , since it is extremely
> difficult
> to work with all of the small pieces on the computer .
> My eyesight
> is poor and I sometimes have memory issues of
> maintaining continuity
> of thought beginning to end doing it piece by piece . I
> would love
> to have two large schematics , one to hang on the wall
> and one to
> put on the bench .
>
> I also have not studied the datasheets . Direct
> replacement doesn't
> always equate to a direct replacement for all
> applications .
>
> I would look at the X1M power supply to the final also
> to make
> certain that the radio can handle that part of it too .
>
> I do find areas where the X1M seems to push certain
> elements of the
> various power systems a little harder than I normally do

> in my
> designs .
>
> How expensive are the transistors and how difficult are
> they to
> obtain ? I haven't done any research at all on this
> matter , but it
> certainly could be of interest to some of the users on
> here .
>
> Perhaps later this evening I'll pull up the data
> sheets and have a
> look .
>
> Interesting subject for the experimenters on here .
>
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>
> Charlie , W5COV
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>
> On 11/19/2013
> 9:36 PM,
> disklog@...
> wrote:
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>
> I realize that a slight increase in transmit
> power means
> very little at the receive end, and I realize
> that antenna
> improvements make easier signal improvements
> at both ends
> BUT....
>
> Having said that, please bear with me
> concerning this
> question.
>
> It appears to me that the RF power transistor
> in these
> radios is a RD06HVF1 which has 13db gain.
> Considering
> that the output of these radios is about 4.5
> watts, I am

> guessing that this 13db gain transistor is
> being driven
> with about 200mw. Someone please correct me if
> I am
> figuring this wrong.
>
> For the sake of discussion, if we replace the
> 13db
> transistor with the direct replacement
> RD16HHF1, a 16db
> gain transistor, would the additional 3db gain
> give us
> around 9 watts
>
> output if driven with the same 200mw drive?
>
> OK lets hear all the reasons why this
> won't work. :)
>
> I have built many projects but my design
> skills are poor.
> I am hoping you all can help answer this
> question and
> maybe I can learn something.
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> Thanks, Ken
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> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date:
> 11/13/13
>
>

2484. Re: [X1M_QRP-Transceiver] Parts Question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 06:56:47 UTC
From: Dale Parfitt
Topic: 2480 Message: 2484

At Mouser, click on:
All Products > Xicon > Passive Components > Capacitors > Ceramic Capacitors > Ceramic Disc Capacitors
Look in Class I 5%
They run around 10 cents in single quantities.

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, November 21, 2013 1:28 AM
Subject: [X1M_QRP-Transceiver] Parts Question

Okay , I thought that I ordered quite a few "common parts."

Am I doing something wrong (highly possible) or are some of these what I consider common parts , becoming obsolete this quickly ?

I am looking for C0G or NP0 leaded capacitors on Mouser . What I am seeing is extremely slim picking and some really expensive for what I don't consider a high dollar part . Tons and tons of them in Surface Mount . Almost none , at least on a couple that I started out looking for in leaded radial . The first one was a 2,000 pF. Many are shown as non stocked , some show stock levels in the single digits . The 1% one that I found was $12.00 !!

I don't like to buy my capacitors on eBay , because well in excess of 90 % of them are from a foreign supplier , usually China . I don't have a problem buying China parts for most applications , but in this case I need them in an RF application and they never clearly state that they are indeed NP0 or C0G and I am trying very hard to improve the quality of parts that I keep on hand . Also the lead time from China can seem like forever when you are building a project .

Luckily in this case I was trying to replace and add stock . I do have silver micas on hand so it isn't going to slow my building so far on this particular project . I haven't checked all of the values that I need since I have made design changes to this project in the past week . Since I am also an old tube guy , hopefully I have all of the values that I need in stock of good quality capacitors .

So what is everyone else that is a builder / homebrewer doing on parts today for non surface mount projects ?

Maybe one day we will come up with a project that almost everyone just has to have and we can do a group buy . Mouser usually offers some substantial price cuts in lot of 10 and some the break is at 25 , but it

is usually big enough to justify at least me , buying the larger quantity , since it is nice to have all of the parts on hand when I decide to build a project .

Maybe I'll put the order off until tomorrow so I can come up with a good list to fill up on parts that I am low on and see if there are some new ones I need to have on hand .

Charlie , W5COV

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2485. Re: [X1M_QRP-Transceiver] RE: Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 07:30:41 UTC
From: Bill Maxwell
Topic: 2445 Message: 2485

Maybe somebody closer to Russia could get one and send it to Victor?

Bill, VK7MX
On 21/11/2013 4:28 PM, Victor Schensnovich wrote:
>
>
> Looking for the "Farnell", speaker costs 2.15 euro, shipping cost 20
> euro. Too much!
> 21.11.2013 3:55, Charlie , W5COV пишет:
>>
>> This is a GREAT example of the international cooperation and help
>> found in this group !!! I hope that you will keep us informed Victor
>> and if you come up with some useful information where other members
>> can buy this speaker at a price with shipping that is within reason ,
>> please post that information so that it will be available to help
>> other members outside of the USA.
>>
>> Charlie , W5COV
>>
>> On 11/20/2013 1:16 PM, ua1cex@... wrote:
>>>
>>> Ok, I found "Farnell" in Russia. Now, is too late here. Tomorrow, I
>>> will find out. Thank you for info.
>>>
>>> 73/72 - Victor, UA1CEX.
>>>
>>> -----Original Message-----
>>> From: lphebus@...
>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>> Sent: ср, 20 ноя 2013 23:01
>>> Subject: RE: Re: [X1M_QRP-Transceiver] RE: Internal speaker
>>>
>>> I spoke to PUI Audio, the company that manufactures the speaker.
>>> They recommended "Farnell" as a franchise distributor that could
>>> get any of their products in Russia. Maybe this will be of help?
>>>
>>>
>>>
>>> ---In X1M_QRP-Transceiver@yahoogroups.com, <ua1cex@...> wrote:
>>>
>>> Andy, could you give me a link, where you bought. Is there English?
>>>
>>> 73/72 - Victor, UA1CEX.
>>
>

>
>
>

2486. Re: [X1M_QRP-Transceiver] RE: Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 07:51:16 UTC
From: Charlie , W5COV
Topic: 2445 Message: 2486

Bill , that was my thought also . We have people on here from all over the world . I just don't do enough shipping either foreign or domestic to know who might be in the best position to do that . I have no idea what it would cost to ship from here . If Mouser is not making a markup on the shipping , I would assume it would cost me the same as them to ship to him . I will try to remember to check at the post office tomorrow to see what the shipping would be from here .

Charlie , W5COV

On 11/21/2013 1:30 AM, Bill Maxwell wrote:
>
> Maybe somebody closer to Russia could get one and send it to Victor?
>
> Bill, VK7MX
>
> On 21/11/2013 4:28 PM, Victor Schensnovich wrote:
>> Looking for the "Farnell", speaker costs 2.15 euro, shipping cost 20
>> euro. Too much!
>> 21.11.2013 3:55, Charlie , W5COV пишет:
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>>> This is a GREAT example of the international cooperation and help
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>>> and if you come up with some useful information where other members
>>> can buy this speaker at a price with shipping that is within reason
>>> , please post that information so that it will be available to help
>>> other members outside of the USA.
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>>> Charlie , W5COV
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>>> On 11/20/2013 1:16 PM, ua1cex@... wrote:
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>>>> Ok, I found "Farnell" in Russia. Now, is too late here. Tomorrow, I
>>>> will find out. Thank you for info.
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>>>> 73/72 - Victor, UA1CEX.
>>>>
>>>> -----Original Message-----
>>>> From: lphebus@...
>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>> Sent: ср, 20 ноя 2013 23:01
>>>> Subject: RE: Re: [X1M_QRP-Transceiver] RE: Internal speaker
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>>>> I spoke to PUI Audio, the company that manufactures the speaker.
>>>> They recommended "Farnell" as a franchise distributor that could

>>>> get any of their products in Russia. Maybe this will be of help?
>>>>
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>>>>
>>>> ---In X1M_QRP-Transceiver@yahoogroups.com, <ua1cex@...> wrote:
>>>>
>>>> Andy, could you give me a link, where you bought. Is there English?
>>>>
>>>> 73/72 - Victor, UA1CEX.
>>>
>>
>
>

2487. Re: [X1M_QRP-Transceiver] RE: Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 08:13:39 UTC
From: Bill Maxwell
Topic: 2445 Message: 2487

I think we can safely assume that Mouser etc are making huge mark-ups on international shipping to some destinations, Charlie. I have organised a number of international group-buys, from here in Australia, and never have the costs of postage approached the shipping costs required by major component suppliers.

A related problem is that many suppliers use standard size packages, regardless of what is inside. I have one package I am keeping as a souvenire. It is about 16 inches x 10 inches x 1 inch. Inside was one rotary encoder, smaller than an audio potentiometer. The cost of shipping? More than is now being asked of Victor. and being stupid but really wanting the encoder, I paid it!

Never again.

On occasions, I have accepted an offer by international hams to act as intermediate shipping destinations. They have taken advantage of cheap domestic postage, then posted on to me at cost. Usually heaps cheaper than direct shipping from the original supplier.

Bill, VK7MX

> Charlie , W5COV
>
> On 11/21/2013 1:30 AM, Bill Maxwell wrote:
>>
>> Maybe somebody closer to Russia could get one and send it to Victor?
>>
>> Bill, VK7MX
>>
>> On 21/11/2013 4:28 PM, Victor Schensnovich wrote:
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>>>> This is a GREAT example of the international cooperation and help
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>>>> available to help other members outside of the USA.
>>>>
>>>> Charlie , W5COV
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>>>>> I will find out. Thank you for info.
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>>>>> I spoke to PUI Audio, the company that manufactures the speaker.
>>>>> They recommended "Farnell" as a franchise distributor that could
>>>>> get any of their products in Russia. Maybe this will be of help?
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>>>>> ---In X1M_QRP-Transceiver@yahoogroups.com, <ua1cex@...> wrote:
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>>>>> Andy, could you give me a link, where you bought. Is there English?
>>>>>
>>>>> 73/72 - Victor, UA1CEX.
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2488. X1M SERVICE MANUAL (LONG)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 09:01:11 UTC
From: Charlie , W5COV
Topic: 2488 Message: 2488

Well I have the transistors ordered but chose the slow boat from China to get them , so it will take them a while to get here . I have really slipped way behind on my projects over the summer and working with the X1M.

I am also needing to stock up my parts bins with some better quality parts , especially capacitors , so I can make low pass filters for any band the X1M covers and to save a little time , I am going to draw up some boards so it will save time to put a filter together .

I am also working on building a couple of new transverters to allow people an easy way to get on 600/630 meters with basically any newer radio .

Still on my list is getting a large size full schematic of the X1M made up . Living in a rural area we don't have any of those chain stores that specialize in printing and with my limited mobility it is pretty difficult to get to even a city large enough to see if they can do what I want . I am at least and hours drive from any place that might do that kind of work . Maybe some of the huge influx of new X1M owners we are going to see when all of the distributors get their orders in from this production run , we will have someone that is in the printing or graphics business that can do that . I have no idea how many total radios that there are in a production run , but I would guess in the hundreds so we should have a nice increase in people with different abilities .

I come up with a few crazy ideas every once in a while . I would like to see if we can't create at least a start on a kind of a service manual for this radio . It will by no means be a true comprehensive service manual , but I have zero doubts that we can put together a very decent technical manual with voltages and parts identifications that may indeed be of benefit in the event that one of us needs to troubleshoot or repair their radio . Do you know of ANY service centers once the warranty is up ? I don't .

I have never written anything except technical manuals and plans that don't in any way relate to radio and electronics troubleshooting .

A few basic things that I think we will need , is a good photographer , or even more than one , to photograph and identify different boards and different areas of the boards and be able to label as many components as possible to help people orient where they are on the board and which board that they are on .

Naturally we would need several people involved . Say for instance to take voltage readings on each of the components , in both the receive and transmit mode . We would specify the mode too for the readings . We could decide first on a very general manual and choose some frequency

and a specific set of settings that everyone would use as the "initial standard" from where everyone bases the readings that they take . A good Bill of Materials for the components actually installed in the radio . Many times schematics do not get updated to a true "as built" radio . It is no small undertaking , but you could be the one that needs it first and it could save you from having a radio that just turns into a shelf piece . Another set of ohm meter readings in several places could be of benefit also to help you at least get in the right area to troubleshoot . One of the main things is getting 2 or 3 people that collect the data and then place it on the schematics and or a chart or spreadsheet for each particular section . At first just having voltage and ohm meter readings would be a good starting point , along with photos tagged with component identification . Paul is very organized and has a great deal of writing experience , so having him involved would certainly be a huge help . There is room for everyone who wants to volunteer on a project like this .

Okay now that you know I am a case for a mental ward , if you think we can pull off any version of this and add to it as we go along and want to join me at the funny farm , give it a little thought and make a comment on what you might be able to contribute to this project . Maybe we can start a list in the files section , like I did for the volunteer builders of any and all of you willing to contribute to such a project in any manner and if it is more than just me , we can get a little better organized and get started on this project which will be very fluid .

I also am not sure just how much space we are allowed on a Yahoo group , but this could get fairly large with pictures , especially down the line if we add scope , frequency counter , spectrum analyzer pictures etc. so hopefully in the end we can actually call it a service manual and maybe strive to make it even a little better than an "average service manual" like from the BIG THREE and others . Hopefully someone with very little electronics knowledge can find and effect a repair on their own . If it turns out as well as I hope it will we might have to have web page for it , especially since we don't want to run out of room on our Yahoo home page .

I can't even figure out how to write me a personal web page since my brain damage , so we would certainly need someone to take the lead on that , since I am completely useless even to myself when it comes to web pages :)

Also we need an area for people that have had problems and what they did to resolve them .

Just a crazy idea , but one I would love to see come to fruition in some form or another . It doesn't have to take the path that I have suggested and if you have ideas on a better way to do it PLEASE don't be shy !! I really do think something more than an operators manual would be used by pretty much everyone at some point in time .

Best 73 , Charlie , W5COV

2489. Re: [X1M_QRP-Transceiver] RE: Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 09:48:28 UTC
From: Victor Schensnovich
Topic: 2445 Message: 2489

Will be very grateful for the help!
21.11.2013 10:51, Charlie , W5COV пишет:
>
> Bill , that was my thought also . We have people on here from all over
> the world . I just don't do enough shipping either foreign or domestic
> to know who might be in the best position to do that . I have no idea
> what it would cost to ship from here . If Mouser is not making a
> markup on the shipping , I would assume it would cost me the same as
> them to ship to him . I will try to remember to check at the post
> office tomorrow to see what the shipping would be from here .
>
> Charlie , W5COV
>
> On 11/21/2013 1:30 AM, Bill Maxwell wrote:
>>
>> Maybe somebody closer to Russia could get one and send it to Victor?
>>
>> Bill, VK7MX
>>
>> On 21/11/2013 4:28 PM, Victor Schensnovich wrote:
>>> Looking for the "Farnell", speaker costs 2.15 euro, shipping cost 20
>>> euro. Too much!
>>> 21.11.2013 3:55, Charlie , W5COV пишет:
>>>>
>>>> This is a GREAT example of the international cooperation and help
>>>> found in this group !!! I hope that you will keep us informed
>>>> Victor and if you come up with some useful information where other
>>>> members can buy this speaker at a price with shipping that is
>>>> within reason , please post that information so that it will be
>>>> available to help other members outside of the USA.
>>>>
>>>> Charlie , W5COV
>>>>
>>>> On 11/20/2013 1:16 PM, ua1cex@... wrote:
>>>>>
>>>>> Ok, I found "Farnell" in Russia. Now, is too late here. Tomorrow,
>>>>> I will find out. Thank you for info.
>>>>>
>>>>> 73/72 - Victor, UA1CEX.
>>>>>
>>>>> -----Original Message-----
>>>>> From: lphebus@...
>>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>>> Sent: ср, 20 ноя 2013 23:01
>>>>> Subject: RE: Re: [X1M_QRP-Transceiver] RE: Internal speaker

>>>>>
>>>>> I spoke to PUI Audio, the company that manufactures the speaker.
>>>>> They recommended "Farnell" as a franchise distributor that could
>>>>> get any of their products in Russia. Maybe this will be of help?
>>>>>
>>>>>
>>>>>
>>>>> ---In X1M_QRP-Transceiver@yahoogroups.com, <ua1cex@...> wrote:
>>>>>
>>>>> Andy, could you give me a link, where you bought. Is there English?
>>>>>
>>>>> 73/72 - Victor, UA1CEX.
>>>>
>>>
>>
>
>

2490. Re: [X1M_QRP-Transceiver] RE: Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 09:58:41 UTC
From: Charlie , W5COV
Topic: 2445 Message: 2490

I agree Bill , I have a feeling Mouser is making a killing at that kind of shipping cost . In years past , when I was very active , I also have acted as the intermediate shipping destination . Since I am preparing a good sized order for myself from Mouser , I thought that perhaps if the shipping cost to Victor from here was within reason , that I would be more than happy to ship it to him and help out a fellow ham and save him some money and he would get his speaker like all of the rest of us .

I am sure that there are certain items in other countries from time to time , that I could use here and if having a "local' ham pick it up and ship it to me was much cheaper , I would certainly be grateful to have someone do that for me .

I am an "old school" ham and also in my personal life , where if I can help someone else out , I am more than happy to do so . I was brought up in a ham community , where it was an unwritten rule that hams helped hams.

I am very hopeful that we can get Victor a speaker and get it shipped to him for a reasonable cost .

What is your setup going to be over there Bill ? I haven't yet worked Australia X1M to X1M .

The best antenna that I am running here is on 17 meters . I am running an HF 17 METER "OMNIANGLE" , which is an antenna manufactured by a company here in the USA , that is owned and operated by one of our very own X1M group members , Dale , W4OP . Here is a link to his page for this particular line of antennas that he manufactures : http://www.parelectronics.com/hf-omnis.php It is horizontally polarized and is a TRUE Omni Directional Antenna . No rotor needed .

His company also manufactures other antennas and products and he has made countless changes to improve the X1M from its inception . He is the one that developed the AGC kit for the X1M . He is also the original designer of the Par EFHW super popular antenna , worldwide. A true favorite of QRP and portable operators . He has since sold that particular line of antennas to LNR Precision , as he continues to develop new antennas and products .

The X1M doesn't come with 17 meters as one of the bands with an internal factor low pass filter so I have an external low pass filter that I built .

Probably our next best choice of bands is 20 meters . I use a G5RV multiband antenna on 20 and rarely have any problems working DX with it even though it is not as high as I would like or quite as good of an antenna . Come spring time I plan on adding more of Dale's Omniangles and both 20 meters and 6 meters are at the top of the list .

Charlie , W5COV

On 11/21/2013 2:13 AM, Bill Maxwell wrote:
>
> I think we can safely assume that Mouser etc are making huge mark-ups
> on international shipping to some destinations, Charlie. I have
> organised a number of international group-buys, from here in
> Australia, and never have the costs of postage approached the shipping
> costs required by major component suppliers.
>
> A related problem is that many suppliers use standard size packages,
> regardless of what is inside. I have one package I am keeping as a
> souvenire. It is about 16 inches x 10 inches x 1 inch. Inside was one
> rotary encoder, smaller than an audio potentiometer. The cost of
> shipping? More than is now being asked of Victor. and being stupid but
> really wanting the encoder, I paid it!
>
> Never again.
>
> On occasions, I have accepted an offer by international hams to act as
> intermediate shipping destinations. They have taken advantage of
> cheap domestic postage, then posted on to me at cost. Usually heaps
> cheaper than direct shipping from the original supplier.
>
>
>
> Bill, VK7MX
>
>> Charlie , W5COV
>>
>> On 11/21/2013 1:30 AM, Bill Maxwell wrote:
>>>
>>> Maybe somebody closer to Russia could get one and send it to Victor?
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>>> Bill, VK7MX
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>>> On 21/11/2013 4:28 PM, Victor Schensnovich wrote:
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>>>>> Charlie , W5COV
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>>>>> On 11/20/2013 1:16 PM, ua1cex@... wrote:

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>>>>>> From: lphebus@...
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>>>>>> Sent: ср, 20 ноя 2013 23:01
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>>>>>> Andy, could you give me a link, where you bought. Is there English?
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>>>>>
>>>>
>>>
>>
>
>

2491. Re: [X1M_QRP-Transceiver] Xiegu Audio Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 13:49:29 UTC
From: mikejmardis@...
Topic: 2466 Message: 2491

I also have the filter. I'm waiting for my radio to come in so I've used it on my 857. Well worth the money. It does a good job in SSB. I would recommend it for both modes.

Sent from my iPhone

> On Nov 20, 2013, at 23:21, "Charlie , W5COV" <cvest@...> wrote:
>
> Hi Lee ,
>
> I have the Xiegu Audio Filter , but have used it very little on SSB . I like it when I am working CW and it is even a big help on my FT-857 bare bones with no filters .
>
> I agree that the filter appears to be a close copy of the NESCAF filter . I have not done any experimenting at all with the filter and any possible mods or changes for it .
>
> Now that we have a stable version of a radio that is working quite well , now there is more time to start working on mods and accessories for the X1M . Plus when this shipment comes in we will have a larger group of people that can add some new eyes and ideas for us to play with .
>
> Charlie , W5COV
>
>> On 11/20/2013 9:32 PM, mr.olson@... wrote:
>>
>> Has anyone played around with the Xiegu Audio Filter? I think it was designed for CW but works a little on SSB. I'm am trying to see if there is some way to make mine better on SSB. Years ago I put a BHI DSP in my FT-817 but they are expensive, $159, and I understand the audio filter will not work as good as a digital one. I did figure out the this filter looks like a knock-off of the NESCAF kit offered by NEQRP, New England QRP. They still sell them and you can download the schematic and manual at http://newenglandqrp.org/nescaf . Are there any opinions on possible mods. I built one but had problems getting it working so I bought the Xiegu filter.
>>
>> Lee - N9LO
>>
>
>

2492. Re: RE: Re: [X1M_QRP-Transceiver] Firmware Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 16:01:18 UTC
From: Joseph Westbrook
Topic: 2457 Message: 2492

Is there a list of all of the X1M variations and the individual charateristics? I'm trying to determine which version of the XM1 that I just purchased used. It is the one with the green screen and the BNC connector on the rear.

Thanks,
DE K7ZT - Joe

_____
From: "wescom@..." <wescom@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 20, 2013 10:48 PM
Subject: RE: RE: Re: [X1M_QRP-Transceiver] Firmware Update

Maybe I can take a shot at explaining desired CW operation.

1. With the RIT turned off, the frequency displayed in both transmit and receive should be the frequency that the CW carrier is transmitted on.

2. For CW operation, the receiver BFO frequency should be left as for upper sideband operation. The BFO frequency should be outside the receive bandpass. The receive frequency is shifted down by 600 to 1000 Hz from the displayed frequency so that a received CW signal on the displayed frequency will be in the receive IF filter bandpass.

3. As and example: Operating CW on 7.100 MHz. The transceiver should display 7.100 MHz in both transmit and receive. When we press the CW key, the transceiver should produce a carrier at exactly 7.100000 MHz. Assume we wish to hear other signals on 7.100 MHz at an audio pitch of 800 Hz. In receive, the transceiver will be tuned to 7.100 MHz minus 800 Hz which is 7.099200 MHz but still displaying 7.100 MHz.

4. The CW transmit and receive frequency is not placed in the center of the receive filter bandpass when using SSB width IF filters. That would require an on frequency receive signal to produce a 1500 Hz pitch tone which is very harsh for extended receiving.

Does that make sense?

Gary - N0GW

---In X1M_QRP-Transceiver@yahoogroups.com, <ed@...> wrote:
Dumping the present memory channel into the VFO is something I have just passed along to the factory for the second time. Them speaking no English makes these things a little difficult to explain but hopefully they will understand and it will be something that can be added.

For the explanation of the CW zero beat, that one will be tough. I'm open to suggestions on how to explain it.

73
Ed

http://www.importcommunications.com/

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:
>
>
>□
>
>I have tested the firmware and it looks to be spot on.
>When in RIT mode the tuning control only effects RIT (that is you cannot QSY while in RIT) - but I am not certain that is a drawback at all. At any rate, because we do not have a dedicated RIT knob, this is the way it is going to work. I have no problem with it.
>
>The issue with the very first CW element sent being on the RX frequency also appear to have bee 100% corrected. Listening on my K3, X1M's CW sounds very good indeed.
>
>The ony feature we still don't have is the capability to dump the memory channel to the VFO. This would be a nice feature allowing rapid band change.
>
>I would like some ops thoughts on a bit of a CW issue.. You may recall that initially CW Tone effected both RX and TX frequency- thus you could not offset the RX from the TX. The result being you and the station you were QSOing walked up and down the band (remember also that back then, RIT also effected RX and TX and split did not function in CW mode). So now CW Tone works fine.
>
>Here is the issue as I see it- and where I would like some help as I may be missing something.
>In order for the digital dial to read the correct CW frequency on RX, you have to set the CWBFO= IF OFFSET. This works. The result of doing this though, places the RX CW signal in the center of the xtal filter passband. This then means you will hear both sides of zero beat of incoming stations and you have to remember which side of zero beat to tune to in order to work a station. Does someone see a work around for this? Not a huge deal, but I would have no clue how to explain it to the designers.
>
>And finally, many thanks to Ed who has really been pushing the gang in China to get new firmware changes accomplished.
>
>Dale W4OP
>
>
>----- Original Message -----
>>>From: ed@...
>>>To: X1M_QRP-Transceiver@yahoogroups.com
>>>Sent: Wednesday, November 20, 2013 4:53 PM
>>>Subject: [X1M_QRP-Transceiver] Firmware Update
>>>
>>>
>>>The latest firmware update has been added to the Files Section.
>>>
>>>This update changes the step of the RIT control and hopefully improves the CW operations.
>>>
>>>This update is only for the X1M-Pro model. It will also work on the X1M models that have had their front panel upgraded.

>>>
>>>73
>>>Ed Griffin
>>>Import Communications
>>>No virus found in this message.
>>>Checked by AVG - http://www.avg.com/
>>>Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2493. RE: Parts Question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 16:37:41 UTC
From: <lphebus@...>
Topic: 2480 Message: 2493

About 3/4 of the way down the page, at the bottom of the 20W HF amp section, these guys are selling 500 Volt mica caps for LPFs. I don't know how the prices compare to big venders.

http://www.qsl.net/k5bcq/Kits/Kits.html http://www.qsl.net/k5bcq/Kits/Kits.html

---In X1M_QRP-Transceiver@yahoogroups.com, <cvest@...> wrote:

Okay , I thought that I ordered quite a few "common parts."

Am I doing something wrong (highly possible) or are some of these what I consider common parts , becoming obsolete this quickly ?

I am looking for C0G or NP0 leaded capacitors on Mouser . What I am seeing is extremely slim picking and some really expensive for what I don't consider a high dollar part . Tons and tons of them in Surface Mount . Almost none , at least on a couple that I started out looking for in leaded radial . The first one was a 2,000 pF. Many are shown as non stocked , some show stock levels in the single digits . The 1% one that I found was $12.00 !!

I don't like to buy my capacitors on eBay , because well in excess of 90 % of them are from a foreign supplier , usually China . I don't have a problem buying China parts for most applications , but in this case I need them in an RF application and they never clearly state that they are indeed NP0 or C0G and I am trying very hard to improve the quality of parts that I keep on hand . Also the lead time from China can seem like forever when you are building a project .

Luckily in this case I was trying to replace and add stock . I do have silver micas on hand so it isn't going to slow my building so far on this particular project . I haven't checked all of the values that I need since I have made design changes to this project in the past week . Since I am also an old tube guy , hopefully I have all of the values that I need in stock of good quality capacitors .

So what is everyone else that is a builder / homebrewer doing on parts today for non surface mount projects ?

Maybe one day we will come up with a project that almost everyone just has to have and we can do a group buy . Mouser usually offers some substantial price cuts in lot of 10 and some the break is at 25 , but it is usually big enough to justify at least me , buying the larger quantity , since it is nice to have all of the parts on hand when I decide to build a project .

Maybe I'll put the order off until tomorrow so I can come up with a good list to fill up on parts that I am low on and see if there are some new

ones I need to have on hand .

Charlie , W5COV

2494. RE: CW setup issue

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 17:22:59 UTC
From: <wescom@...>
Topic: 2476 Message: 2494

First, nope I don't have an XM1. I have been monitoring this info to decide when to order one. The CW setup issue has been a concern of mine.

Actually, what I was describing was how I would like to see the transceiver operate in CW mode in a way that the manufacturer's engineers might be able to understand unambiguously. I'm guessing none of the folks working on the software for this radio are CW operators. The hardware appears to be capable of operating correctly once some small tweaks are made to the software to correct operation in CW mode.

So, you are correct: BFO set the same as for SSB operation but the frequency displayed during receive should be offset to indicate the transmit frequency. This should be a very minor change to the radio's software.

Gary - N0GW

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ It all makes perfect sense Gary- and is exactly as I think it should be. The issue is that set up that way (CW BFO=USB BFO), the RX frequency as displayed on the freq readout is not correct. The only way to get the RX frequency to be correct is to set the CW BFO= IF OFFSET, and the CW signal is now centered in the filter (not where one wants it) . I agree that the CW signal when tuned to the tone you have set in menu should be off the skirt on the filter.

Have you set up your rig for CW? Perhaps mine is behaving differently than yours?

Dale W4OP
----- Original Message -----
From: wescom@... mailto:wescom@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 20, 2013 11:48 PM
Subject: RE: RE: Re: [X1M_QRP-Transceiver] Firmware Update

Maybe I can take a shot at explaining desired CW operation.

1. With the RIT turned off, the frequency displayed in both transmit and receive should be the frequency that the CW carrier is transmitted on.

2. For CW operation, the receiver BFO frequency should be left as for upper sideband operation. The BFO frequency should be outside the receive bandpass. The receive frequency is shifted down by 600 to 1000 Hz from the displayed frequency so that a received CW signal on the displayed frequency will be in the receive IF filter bandpass.

3. As and example: Operating CW on 7.100 MHz. The transceiver should display 7.100 MHz in both transmit and receive. When we press the CW key, the transceiver should produce a carrier at exactly 7.100000 MHz. Assume we wish to hear other signals on 7.100 MHz at an audio pitch of 800 Hz. In receive, the transceiver will be tuned to 7.100 MHz minus 800 Hz which is 7.099200 MHz but still displaying 7.100 MHz.

4. The CW transmit and receive frequency is not placed in the center of the receive filter bandpass when using SSB width IF filters. That would require an on frequency receive signal to produce a 1500 Hz pitch tone which is very harsh for extended receiving.

Does that make sense?

Gary - N0GW

---In X1M_QRP-Transceiver@yahoogroups.com, <ed@...> wrote:

Dumping the present memory channel into the VFO is something I have just passed along to the factory for the second time. Them speaking no English makes these things a little difficult to explain but hopefully they will understand and it will be something that can be added.

For the explanation of the CW zero beat, that one will be tough. I'm open to suggestions on how to explain it.

73
Ed
www.ImportCommunications.com

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
I have tested the firmware and it looks to be spot on.
When in RIT mode the tuning control only effects RIT (that is you cannot QSY while in RIT) - but I am not certain that is a drawback at all. At any rate, because we do not have a dedicated RIT knob, this is the way it is going to work. I have no problem with it.

The issue with the very first CW element sent being on the RX frequency also appear to have bee 100% corrected. Listening on my K3, X1M's CW sounds very good indeed.

The ony feature we still don't have is the capability to dump the memory channel to the VFO. This would be a nice feature allowing rapid band change.

I would like some ops thoughts on a bit of a CW issue.. You may recall that initially CW Tone effected both RX and TX frequency- thus you could not offset the RX from the TX. The result being you and the station you were QSOing walked up and down the band (remember also that back then, RIT also effected RX and TX and split did not function in CW mode). So now CW Tone works fine.

Here is the issue as I see it- and where I would like some help as I may be missing something.
In order for the digital dial to read the correct CW frequency on RX, you have to set the CWBFO= IF OFFSET. This works. The result of doing this though, places the RX CW signal in the center of the xtal filter passband. This then means you will hear both sides of zero beat of incoming stations and you have to remember which side of zero beat to tune to in order to work a station. Does someone see a work around for this? Not a huge deal, but I would have no clue how to explain it to the designers.

And finally, many thanks to Ed who has really been pushing the gang in China to get new firmware changes accomplished.

Dale W4OP

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To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
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Subject: [X1M_QRP-Transceiver] Firmware Update

The latest firmware update has been added to the Files Section.

This update changes the step of the RIT control and hopefully improves the CW operations.

This update is only for the X1M-Pro model. It will also work on the X1M models that have had their front panel upgraded.

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Ed Griffin
Import Communications

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Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

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2495. Re: [X1M_QRP-Transceiver] RE: CW setup issue

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 17:42:51 UTC
From: Dale Parfitt
Topic: 2476 Message: 2495

Other than hearing both sides of zero beat, the rig is fine. All of the other CW issues have been solved. This one could be fixed also if we can figure out how to communicate this to China. I am enjoying the rig immensely now.

Dale W4OP
----- Original Message -----
From: wescom@centurylink.net
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, November 21, 2013 12:22 PM
Subject: [X1M_QRP-Transceiver] RE: CW setup issue

First, nope I don't have an XM1. I have been monitoring this info to decide when to order one. The CW setup issue has been a concern of mine.

Actually, what I was describing was how I would like to see the transceiver operate in CW mode in a way that the manufacturer's engineers might be able to understand unambiguously. I'm guessing none of the folks working on the software for this radio are CW operators. The hardware appears to be capable of operating correctly once some small tweaks are made to the software to correct operation in CW mode.

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www.ImportCommunications.com

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Dale W4OP

----- Original Message -----
From: ed@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, November 20, 2013 4:53 PM
Subject: [X1M_QRP-Transceiver] Firmware Update

The latest firmware update has been added to the Files Section.

This update changes the step of the RIT control and hopefully improves the CW operations.

This update is only for the X1M-Pro model. It will also work on the X1M models that have had their front panel upgraded.

73
Ed Griffin
Import Communications

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2496. Re: [X1M_QRP-Transceiver] Firmware Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 18:42:36 UTC
From: Charlie , W5COV
Topic: 2457 Message: 2496

There are two pretty basic ways to tell as of right now , at least prior to the new shipment coming in .

What color and shape are the buttons on the front of the radio .

What color are the circuit boards inside of the radio . There is one more possibility but lets see what your answers are to this first .

Charlie , W5COV

On 11/21/2013 10:01 AM, Joseph Westbrook wrote:
> Is there a list of all of the X1M variations and the individual
> charateristics? I'm trying to determine which version of the XM1 that
> I just purchased used. It is the one with the green screen and the
> BNC connector on the rear.
> Thanks,
> DE K7ZT - Joe
>
> *From:* "wescom@..." <wescom@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Wednesday, November 20, 2013 10:48 PM
> *Subject:* RE: RE: Re: [X1M_QRP-Transceiver] Firmware Update
> Maybe I can take a shot at explaining desired CW operation.
>
> 1. With the RIT turned off, the frequency displayed in both transmit
> and receive should be the frequency that the CW carrier is transmitted on.
>
> 2. For CW operation, the receiver BFO frequency should be left as for
> upper sideband operation. The BFO frequency should be outside the
> receive bandpass. The receive frequency is shifted down by 600 to
> 1000 Hz from the displayed frequency so that a received CW signal on
> the displayed frequency will be in the receive IF filter bandpass.
>
> 3. As and example: Operating CW on 7.100 MHz. The transceiver should
> display 7.100 MHz in both transmit and receive. When we press the CW
> key, the transceiver should produce a carrier at exactly 7.100000 MHz.
> Assume we wish to hear other signals on 7.100 MHz at an audio pitch
> of 800 Hz. In receive, the transceiver will be tuned to 7.100 MHz
> minus 800 Hz which is 7.099200 MHz but still displaying 7.100 MHz.
>
> 4. The CW transmit and receive frequency is not placed in the center
> of the receive filter bandpass when using SSB width IF filters. That
> would require an on frequency receive signal to produce a 1500 Hz
> pitch tone which is very harsh for extended receiving.
>

> Does that make sense?
>
> Gary - N0GW
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com, <ed@...> wrote:
> Dumping the present memory channel into the VFO is something I have
> just passed along to the factory for the second time. Them speaking
> no English makes these things a little difficult to explain but
> hopefully they will understand and it will be something that can be added.
>
> For the explanation of the CW zero beat, that one will be tough. I'm
> open to suggestions on how to explain it.
>
> 73
> Ed
> http://www.importcommunications.com/
>
> ---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:
>
> □
> I have tested the firmware and it looks to be spot on.
> When in RIT mode the tuning control *only* effects RIT (that is
> you cannot QSY while in RIT) - but I am not certain that is a
> drawback at all. At any rate, because we do not have a dedicated
> RIT knob, this is the way it is going to work. I have no problem
> with it.
> The issue with the very first CW element sent being on the RX
> frequency also appear to have bee 100% corrected. Listening on my
> K3, X1M's CW sounds very good indeed.
> The ony feature we still don't have is the capability to dump the
> memory channel to the VFO. This would be a nice feature allowing
> rapid band change.
> I would like some ops thoughts on a bit of a CW issue.. You may
> recall that initially CW Tone effected both RX and TX frequency-
> thus you could not offset the RX from the TX. The result being you
> and the station you were QSOing walked up and down the band
> (remember also that back then, RIT also effected RX and TX and
> split did not function in CW mode). So now CW Tone works fine.
> Here is the issue as I see it- and where I would like some help
> as I may be missing something.
> In order for the digital dial to read the correct CW frequency on
> RX, you have to set the CWBFO= IF OFFSET. This works. The result
> of doing this though, places the RX CW signal in the center of the
> xtal filter passband. This then means you will hear both sides of
> zero beat of incoming stations and you have to remember which side
> of zero beat to tune to in order to work a station. Does someone
> see a work around for this? Not a huge deal, but I would have no
> clue how to explain it to the designers.

> And finally, many thanks to Ed who has really been pushing the
> gang in China to get new firmware changes accomplished.
> Dale W4OP
>
> ----- Original Message -----
> *From:* ed@... <mailto:ed@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Wednesday, November 20, 2013 4:53 PM
> *Subject:* [X1M_QRP-Transceiver] Firmware Update
>
> The latest firmware update has been added to the Files
> Section.
>
> This update changes the step of the RIT control and
> hopefully improves the CW operations.
>
> This update is only for the X1M-Pro model. It will also
> work on the X1M models that have had their front panel
> upgraded.
>
> 73
> Ed Griffin
> Import Communications
> No virus found in this message.
> Checked by AVG - http://www.avg.com/
> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release
> Date: 11/13/13
>
>

2497. Cost of an XM1 Pro??

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 19:37:00 UTC
From: James Rodenkirch
Topic: 2457 Message: 2497

So - what does one of these cost?? 72, Jim R. K9JWV

2498. Re: [X1M_QRP-Transceiver] Cost of an XM1 Pro??

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 20:17:59 UTC
From: Charlie , W5COV
Topic: 2457 Message: 2498

Here is the link to the USA Distributors web page for the X1M , along with prices .

http://www.wouxun.us/item.php?item_id=302&category_id=65

Ed is a VERY reputable dealer and who I bought mine from . He also stands behind his products .

AGAIN USUAL DISCLAIMER NO FINANCIAL INTEREST ETC.ETC.

Just a VERY satisfied customer .

Charlie , W5COV

On 11/21/2013 1:37 PM, James Rodenkirch wrote:
>
> So - what does one of these cost?? 72, Jim R. K9JWV
>

2499. RE: [X1M_QRP-Transceiver] Cost of an XM1 Pro??

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 21:09:40 UTC
From: James Rodenkirch
Topic: 2457 Message: 2499

Thank you, Charlie - I see a VFO A and B but see where split operation is only possible in SSB...is that correct?
I see no receive filter selection but have a NEScaf filter so that should take care of that.
Anyone used the X1M in a contest and have any "observations..especially with being swamped by loud stations close by?
72, Jim R. K9JWV

To: X1M_QRP-Transceiver@yahoogroups.com
From: cvest@...
Date: Thu, 21 Nov 2013 14:17:59 -0600
Subject: Re: [X1M_QRP-Transceiver] Cost of an XM1 Pro??

Here is the link to the USA Distributors web page for the X1M ,
along with prices .

http://www.wouxun.us/item.php?item_id=302&category_id=65

Ed is a VERY reputable dealer and who I bought mine from . He also
stands behind his products .

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Just a VERY satisfied customer .

Charlie , W5COV

On 11/21/2013 1:37 PM, James Rodenkirch
wrote:

So - what does one of these cost?? 72, Jim
R. K9JWV

2500. Re: [X1M_QRP-Transceiver] RE: Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 21:17:59 UTC
From: Bill Maxwell
Topic: 2445 Message: 2500

Hi Charlie

I regret to say that I haven't been on HF from my home QTH for about 3 years now. Big winds one spring took out both trees that held up the ends of my G5RV and threre aren't any others close enough to allow me to string it up again. I have a small tower to go put up but it is one of those tasks that always seems to be bumped lower on the "to do" list.

I'm currently away from home in VK1, trying to get our old house up here ready for sale. No radio gear with me at ll this trip.

I have never tried 17 Meters but who knows, once I get a X1M, I will give it a try. Meanwhile I'll look up the Omniangle.

Bill, VK7MX & VK1MX
On 21/11/2013 8:58 PM, Charlie , W5COV wrote:
>
>
> I agree Bill , I have a feeling Mouser is making a killing at that
> kind of shipping cost . In years past , when I was very active , I
> also have acted as the intermediate shipping destination . Since I am
> preparing a good sized order for myself from Mouser , I thought that
> perhaps if the shipping cost to Victor from here was within reason ,
> that I would be more than happy to ship it to him and help out a
> fellow ham and save him some money and he would get his speaker like
> all of the rest of us .
>
> I am sure that there are certain items in other countries from time to
> time , that I could use here and if having a "local' ham pick it up
> and ship it to me was much cheaper , I would certainly be grateful to
> have someone do that for me .
>
> I am an "old school" ham and also in my personal life , where if I can
> help someone else out , I am more than happy to do so . I was brought
> up in a ham community , where it was an unwritten rule that hams
> helped hams.
>
> I am very hopeful that we can get Victor a speaker and get it shipped
> to him for a reasonable cost .
>
> What is your setup going to be over there Bill ? I haven't yet worked
> Australia X1M to X1M .
>
> The best antenna that I am running here is on 17 meters . I am running
> an HF 17 METER "OMNIANGLE" , which is an antenna manufactured by a
> company here in the USA , that is owned and operated by one of our

> very own X1M group members , Dale , W4OP . Here is a link to his page
> for this particular line of antennas that he manufactures :
> http://www.parelectronics.com/hf-omnis.php It is horizontally
> polarized and is a TRUE Omni Directional Antenna . No rotor needed .
>
> His company also manufactures other antennas and products and he has
> made countless changes to improve the X1M from its inception . He is
> the one that developed the AGC kit for the X1M . He is also the
> original designer of the Par EFHW super popular antenna , worldwide. A
> true favorite of QRP and portable operators . He has since sold that
> particular line of antennas to LNR Precision , as he continues to
> develop new antennas and products .
>
> The X1M doesn't come with 17 meters as one of the bands with an
> internal factor low pass filter so I have an external low pass filter
> that I built .
>
> Probably our next best choice of bands is 20 meters . I use a G5RV
> multiband antenna on 20 and rarely have any problems working DX with
> it even though it is not as high as I would like or quite as good of
> an antenna . Come spring time I plan on adding more of Dale's
> Omniangles and both 20 meters and 6 meters are at the top of the list .
>
> Charlie , W5COV
>
> On 11/21/2013 2:13 AM, Bill Maxwell wrote:
>>
>> I think we can safely assume that Mouser etc are making huge mark-ups
>> on international shipping to some destinations, Charlie. I have
>> organised a number of international group-buys, from here in
>> Australia, and never have the costs of postage approached the
>> shipping costs required by major component suppliers.
>>
>> A related problem is that many suppliers use standard size packages,
>> regardless of what is inside. I have one package I am keeping as a
>> souvenire. It is about 16 inches x 10 inches x 1 inch. Inside was one
>> rotary encoder, smaller than an audio potentiometer. The cost of
>> shipping? More than is now being asked of Victor. and being stupid
>> but really wanting the encoder, I paid it!
>>
>> Never again.
>>
>> On occasions, I have accepted an offer by international hams to act
>> as intermediate shipping destinations. They have taken advantage of
>> cheap domestic postage, then posted on to me at cost. Usually heaps
>> cheaper than direct shipping from the original supplier.
>>
>>
>>
>> Bill, VK7MX

>>
>>> Charlie , W5COV
>>>
>>> On 11/21/2013 1:30 AM, Bill Maxwell wrote:
>>>>
>>>> Maybe somebody closer to Russia could get one and send it to Victor?
>>>>
>>>> Bill, VK7MX
>>>>
>>>> On 21/11/2013 4:28 PM, Victor Schensnovich wrote:
>>>>> Looking for the "Farnell", speaker costs 2.15 euro, shipping cost
>>>>> 20 euro. Too much!
>>>>> 21.11.2013 3:55, Charlie , W5COV пишет:
>>>>>>
>>>>>> This is a GREAT example of the international cooperation and help
>>>>>> found in this group !!! I hope that you will keep us informed
>>>>>> Victor and if you come up with some useful information where
>>>>>> other members can buy this speaker at a price with shipping that
>>>>>> is within reason , please post that information so that it will
>>>>>> be available to help other members outside of the USA.
>>>>>>
>>>>>> Charlie , W5COV
>>>>>>
>>>>>> On 11/20/2013 1:16 PM, ua1cex@... wrote:
>>>>>>>
>>>>>>> Ok, I found "Farnell" in Russia. Now, is too late here.
>>>>>>> Tomorrow, I will find out. Thank you for info.
>>>>>>>
>>>>>>> 73/72 - Victor, UA1CEX.
>>>>>>>
>>>>>>> -----Original Message-----
>>>>>>> From: lphebus@...
>>>>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>>>>> Sent: ср, 20 ноя 2013 23:01
>>>>>>> Subject: RE: Re: [X1M_QRP-Transceiver] RE: Internal speaker
>>>>>>>
>>>>>>> I spoke to PUI Audio, the company that manufactures the speaker.
>>>>>>> They recommended "Farnell" as a franchise distributor that
>>>>>>> could get any of their products in Russia. Maybe this will be
>>>>>>> of help?
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>> ---In X1M_QRP-Transceiver@yahoogroups.com, <ua1cex@...> wrote:
>>>>>>>
>>>>>>> Andy, could you give me a link, where you bought. Is there English?
>>>>>>>
>>>>>>> 73/72 - Victor, UA1CEX.
>>>>>>>
>>>>>

>>>>
>>>
>>
>
>
>
>

2501. Anyone want to try QRP to QRP contact tonight? 11/21/13

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 22:00:51 UTC
From: rickmac06@frontier.com
Topic: 2501 Message: 2501

I have been having good luck making contacts at night on 40m with the X1M. Would anyone like to try a X1M to X1M contact tonight?
Regards, John KC9YAW.

2502. Re: [X1M_QRP-Transceiver] Cost of an XM1 Pro??

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-21 22:31:58 UTC
From: Charlie , W5COV
Topic: 2457 Message: 2502

Hi James ,

I will have to check but I am pretty sure we had that issue fixed where split is operational in CW also .

I use the Xiegu filter that Ed sells but it appears to be a close copy of the NESCAF filter .

I did listen a bit during the sweepstakes , but I had not yet installed my AGC . It was "possible" to operate , but I won't say pleasant . However after 48 years of contests I could have got by with it . I really need to spend more time on CW with mine now . This last firmware update resolved a couple of CW issues that we had experienced by fast operators under certain conditions . Many of the updates have been CW related , and although I haven't loaded the new firmware yet , Dale (W4OP) tried it yesterday and said that the issues had been addressed and now worked properly .The last update was just released yesterday .

We still have a technical discussion going on about having the CW signal centered in the pass band. If you haven't seen the messages from yesterday I would say a CW operator and contester should read them and feel free to express your opinion . It is very difficult to write the needed change simple enough that the Chinese factory truly does understand it . They are VERY good about making the changes , but they understand almost no English so it has to be in very simple form . I think of drawing stick figures .<grin>

Charlie , W5COV

On 11/21/2013 3:09 PM, James Rodenkirch wrote:
>
> Thank you, Charlie - I see a VFO A and B but see where split operation
> is only possible in SSB...is that correct?
>
> I see no receive filter selection but have a NEScaf filter so that
> should take care of that.
>
> Anyone used the X1M in a contest and have any
> "observations..especially with being swamped by loud stations close by?
>
> 72, Jim R. K9JWV
>
>
> ---
> To: X1M_QRP-Transceiver@yahoogroups.com
> From: cvest@...

> Date: Thu, 21 Nov 2013 14:17:59 -0600
> Subject: Re: [X1M_QRP-Transceiver] Cost of an XM1 Pro??
>
> Here is the link to the USA Distributors web page for the X1M , along
> with prices .
>
> http://www.wouxun.us/item.php?item_id=302&category_id=65
>
> Ed is a VERY reputable dealer and who I bought mine from . He also
> stands behind his products .
>
> AGAIN USUAL DISCLAIMER NO FINANCIAL INTEREST ETC.ETC.
>
> Just a VERY satisfied customer .
>
> Charlie , W5COV
>
>
> On 11/21/2013 1:37 PM, James Rodenkirch wrote:
>
>
> So - what does one of these cost?? 72, Jim R. K9JWV
>
>
>
>

2503. Re: [X1M_QRP-Transceiver] Anyone want to try QRP to QRP contact tonight? 11/21/13

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-22 00:52:28 UTC
From: Merrill Smith
Topic: 2501 Message: 2503

Frequency and time?

From: "rickmac06@..." <rickmac06@...m>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, November 21, 2013 5:00 PM
Subject: [X1M_QRP-Transceiver] Anyone want to try QRP to QRP contact tonight? 11/21/13

I have been having good luck making contacts at night on 40m with the X1M. Would anyone like to try a X1M to X1M contact tonight?
Regards, John KC9YAW.

2504. Re: [X1M_QRP-Transceiver] X1M SERVICE MANUAL (LONG)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-22 01:31:34 UTC
From: M_AND_R_SHAREF
Topic: 2488 Message: 2504

Have you thought of sending the schematic to a poster company. You know the ones that will make a poster from any photo you have.

On Thu, Nov 21, 2013 at 4:01 AM, Charlie , W5COV <cvest@...> wrote:

>
>
> Well I have the transistors ordered but chose the slow boat from China
> to get them , so it will take them a while to get here . I have really
> slipped way behind on my projects over the summer and working with the X1M.
>
> I am also needing to stock up my parts bins with some better quality
> parts , especially capacitors , so I can make low pass filters for any
> band the X1M covers and to save a little time , I am going to draw up
> some boards so it will save time to put a filter together .
>
> I am also working on building a couple of new transverters to allow
> people an easy way to get on 600/630 meters with basically any newer radio
> .
>
> Still on my list is getting a large size full schematic of the X1M made
> up . Living in a rural area we don't have any of those chain stores that
> specialize in printing and with my limited mobility it is pretty
> difficult to get to even a city large enough to see if they can do what
> I want . I am at least and hours drive from any place that might do that
> kind of work . Maybe some of the huge influx of new X1M owners we are
> going to see when all of the distributors get their orders in from this
> production run , we will have someone that is in the printing or
> graphics business that can do that . I have no idea how many total
> radios that there are in a production run , but I would guess in the
> hundreds so we should have a nice increase in people with different
> abilities .
>
> I come up with a few crazy ideas every once in a while . I would like to
> see if we can't create at least a start on a kind of a service manual
> for this radio . It will by no means be a true comprehensive service
> manual , but I have zero doubts that we can put together a very decent
> technical manual with voltages and parts identifications that may indeed
> be of benefit in the event that one of us needs to troubleshoot or
> repair their radio . Do you know of ANY service centers once the
> warranty is up ? I don't .
>
> I have never written anything except technical manuals and plans that
> don't in any way relate to radio and electronics troubleshooting .
>

> A few basic things that I think we will need , is a good photographer ,
> or even more than one , to photograph and identify different boards and
> different areas of the boards and be able to label as many components as
> possible to help people orient where they are on the board and which
> board that they are on .
>
> Naturally we would need several people involved . Say for instance to
> take voltage readings on each of the components , in both the receive
> and transmit mode . We would specify the mode too for the readings . We
> could decide first on a very general manual and choose some frequency
> and a specific set of settings that everyone would use as the "initial
> standard" from where everyone bases the readings that they take . A good
> Bill of Materials for the components actually installed in the radio .
> Many times schematics do not get updated to a true "as built" radio . It
> is no small undertaking , but you could be the one that needs it first
> and it could save you from having a radio that just turns into a shelf
> piece . Another set of ohm meter readings in several places could be of
> benefit also to help you at least get in the right area to troubleshoot
> . One of the main things is getting 2 or 3 people that collect the data
> and then place it on the schematics and or a chart or spreadsheet for
> each particular section . At first just having voltage and ohm meter
> readings would be a good starting point , along with photos tagged with
> component identification . Paul is very organized and has a great deal
> of writing experience , so having him involved would certainly be a huge
> help . There is room for everyone who wants to volunteer on a project
> like this .
>
> Okay now that you know I am a case for a mental ward , if you think we
> can pull off any version of this and add to it as we go along and want
> to join me at the funny farm , give it a little thought and make a
> comment on what you might be able to contribute to this project . Maybe
> we can start a list in the files section , like I did for the volunteer
> builders of any and all of you willing to contribute to such a project
> in any manner and if it is more than just me , we can get a little
> better organized and get started on this project which will be very fluid .
>
> I also am not sure just how much space we are allowed on a Yahoo group ,
> but this could get fairly large with pictures , especially down the line
> if we add scope , frequency counter , spectrum analyzer pictures etc. so
> hopefully in the end we can actually call it a service manual and maybe
> strive to make it even a little better than an "average service manual"
> like from the BIG THREE and others . Hopefully someone with very little
> electronics knowledge can find and effect a repair on their own . If it
> turns out as well as I hope it will we might have to have web page for
> it , especially since we don't want to run out of room on our Yahoo home
> page .
>
> I can't even figure out how to write me a personal web page since my
> brain damage , so we would certainly need someone to take the lead on
> that , since I am completely useless even to myself when it comes to web

> pages :)
>
> Also we need an area for people that have had problems and what they did
> to resolve them .
>
> Just a crazy idea , but one I would love to see come to fruition in some
> form or another . It doesn't have to take the path that I have suggested
> and if you have ideas on a better way to do it PLEASE don't be shy !! I
> really do think something more than an operators manual would be used by
> pretty much everyone at some point in time .
>
> Best 73 , Charlie , W5COV
>
>

2505. Re: [X1M_QRP-Transceiver] RE: Parts Question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-22 01:36:15 UTC
From: M_AND_R_SHAREF
Topic: 2480 Message: 2505

Dan's Small Parts and Kits. It takes for ever to find anything, but for me
it was worth it. Then again I'm retired. 73

On Thu, Nov 21, 2013 at 11:37 AM, <lphebus@...> wrote:

>
>
> About 3/4 of the way down the page, at the bottom of the 20W HF amp
> section, these guys are selling 500 Volt mica caps for LPFs. I don't know
> how the prices compare to big venders.
>
>
> http://www.qsl.net/k5bcq/Kits/Kits.html
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com, <cvest@...> wrote:
>
> Okay , I thought that I ordered quite a few "common parts."
>
> Am I doing something wrong (highly possible) or are some of these what
> I consider common parts , becoming obsolete this quickly ?
>
> I am looking for C0G or NP0 leaded capacitors on Mouser . What I am
> seeing is extremely slim picking and some really expensive for what I
> don't consider a high dollar part . Tons and tons of them in Surface
> Mount . Almost none , at least on a couple that I started out looking
> for in leaded radial . The first one was a 2,000 pF. Many are shown as
> non stocked , some show stock levels in the single digits . The 1% one
> that I found was $12.00 !!
>
> I don't like to buy my capacitors on eBay , because well in excess of 90
> % of them are from a foreign supplier , usually China . I don't have a
> problem buying China parts for most applications , but in this case I
> need them in an RF application and they never clearly state that they
> are indeed NP0 or C0G and I am trying very hard to improve the quality
> of parts that I keep on hand . Also the lead time from China can seem
> like forever when you are building a project .
>
> Luckily in this case I was trying to replace and add stock . I do have
> silver micas on hand so it isn't going to slow my building so far on
> this particular project . I haven't checked all of the values that I
> need since I have made design changes to this project in the past week .
> Since I am also an old tube guy , hopefully I have all of the values
> that I need in stock of good quality capacitors .
>

> So what is everyone else that is a builder / homebrewer doing on parts
> today for non surface mount projects ?
>
> Maybe one day we will come up with a project that almost everyone just
> has to have and we can do a group buy . Mouser usually offers some
> substantial price cuts in lot of 10 and some the break is at 25 , but it
> is usually big enough to justify at least me , buying the larger
> quantity , since it is nice to have all of the parts on hand when I
> decide to build a project .
>
> Maybe I'll put the order off until tomorrow so I can come up with a good
> list to fill up on parts that I am low on and see if there are some new
> ones I need to have on hand .
>
> Charlie , W5COV
>
>
>

2506. Re: Anyone want to try QRP to QRP contact tonight? 11/21/13

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-22 02:30:05 UTC
From: rickmac06@frontier.com
Topic: 2501 Message: 2506

How about 9pm central 40meters...you name the frequency.
Regards, John.

--- In X1M_QRP-Transceiver@yahoogroups.com, Merrill Smith <smithmerrill@...> wrote:
>
> Frequency and time?
>
>
> From: "rickmac06@..." <rickmac06@...>
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Thursday, November 21, 2013 5:00 PM
> Subject: [X1M_QRP-Transceiver] Anyone want to try QRP to QRP contact tonight? 11/21/13
>
> Â
> I have been having good luck making contacts at night on 40m with the X1M. Would anyone like to try a X1M to X1M contact tonight?
> Regards, John KC9YAW.
>

2507. Re: [X1M_QRP-Transceiver] Re: Anyone want to try QRP to QRP contact tonight? 11/21/13

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-22 02:51:52 UTC
From: Merrill Smith
Topic: 2501 Message: 2507

will be on at 7.205 if busy, email me an open freq.

Bryan Ke4hsv

From: "rickmac06@..." <rickmac06@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, November 21, 2013 9:30 PM
Subject: [X1M_QRP-Transceiver] Re: Anyone want to try QRP to QRP contact tonight? 11/21/13

How about 9pm central 40meters...you name the frequency.
Regards, John.

--- In X1M_QRP-Transceiver@yahoogroups.com, Merrill Smith <smithmerrill@...> wrote:
>
> Frequency and time?
>
>
> From: "rickmac06@..." <rickmac06@...>
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Thursday, November 21, 2013 5:00 PM
> Subject: [X1M_QRP-Transceiver] Anyone want to try QRP to QRP contact tonight? 11/21/13
>
> Â
> I have been having good luck making contacts at night on 40m with the X1M. Would anyone like to try a X1M to X1M contact tonight?
> Regards, John KC9YAW.
>

2508. RE: Re: [X1M_QRP-Transceiver] RE: Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-22 03:04:51 UTC
From: <fpohlmann2@...>
Topic: 2445 Message: 2508

Hi there!

Electro Sonic in Canada has the same speaker in stock.
Price is 4.73.

http://www.e-sonic.com/acc/products.aspx?partID=AS05008MR-4-R&partIDExt=339&command=detail
http://www.e-sonic.com/acc/products.aspx?partID=AS05008MR-4-R&partIDExt=339&command=detail

Minimum order is 25 dollars. I've sent an email to see if I could buy
directly but no response so far.

73

Flavio VE2ZFP

---In X1M_QRP-Transceiver@yahoogroups.com, <ua1cex@...> wrote:

Will be very grateful for the help!
21.11.2013 10:51, Charlie , W5COV пишет:

Bill , that was my thought also . We have people on here from all over the world . I just don't do enough shipping either foreign or domestic to know who might be in the best position to do that . I have no idea what it would cost to ship from here . If Mouser is not making a markup on the shipping , I would assume it would cost me the same as them to ship to him . I will try to remember to check at the post office tomorrow to see what the shipping would be from here .

Charlie , W5COV

On 11/21/2013 1:30 AM, Bill Maxwell wrote:

Maybe somebody closer to Russia could get one and send it to Victor?

Bill, VK7MX

On 21/11/2013 4:28 PM, Victor Schensnovich wrote:

Looking for the "Farnell", speaker costs 2.15 euro, shipping cost 20 euro. Too much!
21.11.2013 3:55, Charlie , W5COV пишет:

This is a GREAT example of the international cooperation and help found in this group !!! I hope that you will keep us informed Victor and if you come up with some useful information where other members can buy this speaker at a price with shipping that is within reason , please post that information so that it will be available to help other members outside of the USA.

Charlie , W5COV

On 11/20/2013 1:16 PM, ua1cex@... mailto:ua1cex@... wrote:

Ok, I found "Farnell" in Russia. Now, is too late here. Tomorrow, I will find out. Thank you for info.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: lphebus@... mailto:lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: ср, 20 ноя 2013 23:01
Subject: RE: Re: [X1M_QRP-Transceiver] RE: Internal speaker

I spoke to PUI Audio, the company that manufactures the speaker. They recommended "Farnell" as a franchise distributor that could get any of their products in Russia. Maybe this will be of help?

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <ua1cex@...> mailto:ua1cex@... wrote:

Andy, could you give me a link, where you bought. Is there English?

73/72 - Victor, UA1CEX.

2509. RE: Re: Anyone want to try QRP to QRP contact tonight? 11/21/13

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-22 03:18:24 UTC
From: <lphebus@...>
Topic: 2501 Message: 2509

How about 7.240 MHz < I'll be listening in Page, AZ

Lee

KF7YRS

---In X1M_QRP-Transceiver@yahoogroups.com, <rickmac06@...> wrote:

How about 9pm central 40meters...you name the frequency.
Regards, John.

--- In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com,
Merrill Smith <smithmerrill@...> wrote:
>
> Frequency and time?
>
>
> From: "rickmac06@..." <rickmac06@...>
> To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
> Sent: Thursday, November 21, 2013 5:00 PM
> Subject: [X1M_QRP-Transceiver] Anyone want to try QRP to QRP contact tonight? 11/21/13
>
> Â
> I have been having good luck making contacts at night on 40m with the X1M. Would anyone
like to try a X1M to X1M contact tonight?
> Regards, John KC9YAW.
>

2510. RE: RE: Re: Anyone want to try QRP to QRP contact tonight? 11/21/13

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-22 03:23:35 UTC
From: <lphebus@...>
Topic: 2501 Message: 2510

7.205 it is... my screen did not refresh...

---In X1M_QRP-Transceiver@yahoogroups.com, <lphebus@...> wrote:

How about 7.240 MHz < I'll be listening in Page, AZ

Lee

KF7YRS

---In X1M_QRP-Transceiver@yahoogroups.com, <rickmac06@...> wrote:

How about 9pm central 40meters...you name the frequency.
Regards, John.

--- In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com,
Merrill Smith <smithmerrill@...> wrote:
>
> Frequency and time?
>
>
> From: "rickmac06@..." <rickmac06@...>
> To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
> Sent: Thursday, November 21, 2013 5:00 PM
> Subject: [X1M_QRP-Transceiver] Anyone want to try QRP to QRP contact tonight? 11/21/13
>
> Â
> I have been having good luck making contacts at night on 40m with the X1M. Would anyone
like to try a X1M to X1M contact tonight?
> Regards, John KC9YAW.
>

2511. AGC Board Pictures

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-22 18:41:40 UTC
From: <petek@...>
Topic: 2511 Message: 2511

Hello group.

I've posted two pictures of the AGC board that I assembled and a picture showing the size of the surface mount resistors.

The board was quite easy to assemble - but I did have to wear two sets of reading glasses in order to see the parts! Took about a half-hour.

A very big thanks to Dale W4OP for designing and making this kit available. I've got a x1m on order and this will be the first mod I'll make to the radio.

Pete NU0D

2512. Re: [X1M_QRP-Transceiver] AGC Board Pictures

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-22 18:47:58 UTC
From: ken fest
Topic: 2511 Message: 2512

I too have assembled my AGC board and I am waiting for the radio to arrive. Today in the mail I received two RD16HH1 16 watt mosfet transistors. So I now have two mods to install, the AGC and the final swap. I also would like to incorporate a speech compression circuit INSIDE the radio but I need to explore that option after the radio gets here.
Fun days ahead!!!!!

On Fri, 11/22/13, petek@... <petek@...> wrote:

Subject: [X1M_QRP-Transceiver] AGC Board Pictures
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, November 22, 2013, 1:41 PM

Hello group.
I've posted two pictures of the AGC board
that I assembled and a picture showing the size of the
surface mount resistors.
The board was quite easy to assemble - but I did
have to wear two sets of reading glasses in order to see the
parts! Took about a half-hour.
A very big thanks to Dale W4OP for designing and
making this kit available. I've got a x1m on order
and this will be the first mod I'll make to the
radio.
Pete NU0D

2513. Re: [X1M_QRP-Transceiver] AGC Board Pictures

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-22 19:51:32 UTC
From: mikejmardis@...
Topic: 2511 Message: 2513

For anyone who has the radio, are you able to adjust the output of the radio?
Ken, what do you expect to get for output after your mod on the final?

Sent from my iPhone

> On Nov 22, 2013, at 13:47, ken fest <disklog@yahoo.com> wrote:
>
> I too have assembled my AGC board and I am waiting for the radio to arrive. Today in the mail I received two RD16HH1 16 watt mosfet transistors. So I now have two mods to install, the AGC and the final swap. I also would like to incorporate a speech compression circuit INSIDE the radio but I need to explore that option after the radio gets here.
> Fun days ahead!!!!!
> ---
> On Fri, 11/22/13, petek@... <petek@...> wrote:
>
> Subject: [X1M_QRP-Transceiver] AGC Board Pictures
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Friday, November 22, 2013, 1:41 PM
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> Hello group.
> I've posted two pictures of the AGC board
> that I assembled and a picture showing the size of the
> surface mount resistors.
> The board was quite easy to assemble - but I did
> have to wear two sets of reading glasses in order to see the
> parts! Took about a half-hour.
> A very big thanks to Dale W4OP for designing and
> making this kit available. I've got a x1m on order
> and this will be the first mod I'll make to the
> radio.
> Pete NU0D
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2514. Speech processor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-22 20:58:57 UTC
From: Bastress, David G
Topic: 2514 Message: 2514

To: Lee N9LO,

Hey Lee I was looking through your info on the speech processor for the X1M and I noticed that the SSM2167 in your project was mounted on some kind of a header or carrier board. Where can you get those at a reasonable price? The SSM2167 by itself is only a couple of bucks but when you look at the price of one of the proto boards the company sells it is enough to make you faint!

I would like to find a source for a couple of those boards at a reasonable price. I have a couple of other chips of that size I would like to play with as well as make a speech processor for my X1M when it arrives.

Thanks.

Dave K3GAU

2515. RE: Re: [X1M_QRP-Transceiver] AGC Board Pictures

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-22 21:01:21 UTC
From: <lphebus@...>
Topic: 2511 Message: 2515

I guess the answer is yes and no... I can adjust the output level in digital modes by varying the audio drive level into the mic input. Also there is a mic gain trimpot inside the case that can increase or decrease the amplitude of the TX response to an input. But I know of no way to limit the max TX output in a manner analogous to my Icom, where I can adjust the percent of maximum TX power I am allowing. I'm afraid this is a poorly worded reply...

---In X1M_QRP-Transceiver@yahoogroups.com, <mikejmardis@...> wrote:

For anyone who has the radio, are you able to adjust the output of the radio?
Ken, what do you expect to get for output after your mod on the final?

Sent from my iPhone

On Nov 22, 2013, at 13:47, ken fest <disklog@... mailto:disklog@...> wrote:

I too have assembled my AGC board and I am waiting for the radio to arrive. Today in the mail I received two RD16HH1 16 watt mosfet transistors. So I now have two mods to install, the AGC and the final swap. I also would like to incorporate a speech compression circuit INSIDE the radio but I need to explore that option after the radio gets here.
Fun days ahead!!!!!

On Fri, 11/22/13, petek@... mailto:petek@... <petek@... mailto:petek@...> wrote:

Subject: [X1M_QRP-Transceiver] AGC Board Pictures
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, November 22, 2013, 1:41 PM

Hello group.
I've posted two pictures of the AGC board
that I assembled and a picture showing the size of the
surface mount resistors.
The board was quite easy to assemble - but I did
have to wear two sets of reading glasses in order to see the
parts! Took about a half-hour.
A very big thanks to Dale W4OP for designing and
making this kit available. I've got a x1m on order
and this will be the first mod I'll make to the
radio.
Pete NU0D

2516. Re: [X1M_QRP-Transceiver] AGC Board Pictures

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-22 21:45:03 UTC
From: mikejmardis@...
Topic: 2511 Message: 2516

Not at all. I just wanted to make sure that I wasn't missing something.
As far as digital, aren't you just adjusting the interface (ie signalink)?

Sent from my iPhone

> On Nov 22, 2013, at 16:01, <lphebus@...> wrote:
>
> I guess the answer is yes and no... I can adjust the output level in digital modes by varying the audio drive level into the mic input. Also there is a mic gain trimpot inside the case that can increase or decrease the amplitude of the TX response to an input. But I know of no way to limit the max TX output in a manner analogous to my Icom, where I can adjust the percent of maximum TX power I am allowing. I'm afraid this is a poorly worded reply...
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com, <mikejmardis@...> wrote:
>
> For anyone who has the radio, are you able to adjust the output of the radio?
> Ken, what do you expect to get for output after your mod on the final?
>
> Sent from my iPhone
>
>> On Nov 22, 2013, at 13:47, ken fest <disklog@...> wrote:
>>
>>
>> I too have assembled my AGC board and I am waiting for the radio to arrive. Today in the mail I received two RD16HH1 16 watt mosfet transistors. So I now have two mods to install, the AGC and the final swap. I also would like to incorporate a speech compression circuit INSIDE the radio but I need to explore that option after the radio gets here.
>> Fun days ahead!!!!!
>> ----------
>> On Fri, 11/22/13, petek@... <petek@...> wrote:
>>
>> Subject: [X1M_QRP-Transceiver] AGC Board Pictures
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Date: Friday, November 22, 2013, 1:41 PM
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>> Hello group.
>> I've posted two pictures of the AGC board
>> that I assembled and a picture showing the size of the
>> surface mount resistors.
>> The board was quite easy to assemble - but I did
>> have to wear two sets of reading glasses in order to see the
>> parts! Took about a half-hour.
>> A very big thanks to Dale W4OP for designing and
>> making this kit available. I've got a x1m on order
>> and this will be the first mod I'll make to the
>> radio.
>> Pete NU0D
>
>

2517. RE: [X1M_QRP-Transceiver] Speech processor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-22 22:00:48 UTC
From: Lee
Topic: 2514 Message: 2517

Search eBay for MSOP Board. I got 10 of them for $3.89 and $1 for shipping. They have 2 for $0.99 and free shipping.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Bastress, David G
Sent: Friday, November 22, 2013 2:59 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Speech processor

To: Lee N9LO,

Hey Lee I was looking through your info on the speech processor for the X1M and I noticed that the SSM2167 in your project was mounted on some kind of a header or carrier board. Where can you get those at a reasonable price? The SSM2167 by itself is only a couple of bucks but when you look at the price of one of the proto boards the company sells it is enough to make you faint!

I would like to find a source for a couple of those boards at a reasonable price. I have a couple of other chips of that size I would like to play with as well as make a speech processor for my X1M when it arrives.

Thanks.

Dave K3GAU

2518. RE: Re: [X1M_QRP-Transceiver] AGC Board Pictures

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-22 22:09:00 UTC
From: <lphebus@...>
Topic: 2511 Message: 2518

Yes, that is correct. Just adjusting the audio drive from the interface...

---In X1M_QRP-Transceiver@yahoogroups.com, <mikejmardis@...> wrote:

Not at all. I just wanted to make sure that I wasn't missing something.
As far as digital, aren't you just adjusting the interface (ie signalink)?

Sent from my iPhone

On Nov 22, 2013, at 16:01, <lphebus@... mailto:lphebus@...> wrote:

I guess the answer is yes and no... I can adjust the output level in digital modes by varying the audio drive level into the mic input. Also there is a mic gain trimpot inside the case that can increase or decrease the amplitude of the TX response to an input. But I know of no way to limit the max TX output in a manner analogous to my Icom, where I can adjust the percent of maximum TX power I am allowing. I'm afraid this is a poorly worded reply...

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <mikejmardis@...> wrote:

For anyone who has the radio, are you able to adjust the output of the radio?
Ken, what do you expect to get for output after your mod on the final?

Sent from my iPhone

On Nov 22, 2013, at 13:47, ken fest <disklog@... mailto:disklog@...> wrote:

I too have assembled my AGC board and I am waiting for the radio to arrive. Today in the mail I received two RD16HH1 16 watt mosfet transistors. So I now have two mods to install, the AGC and the final swap. I also would like to incorporate a speech compression circuit INSIDE the radio but I need to explore that option after the radio gets here.
Fun days ahead!!!!!

On Fri, 11/22/13, petek@... mailto:petek@... <petek@... mailto:petek@...> wrote:

Subject: [X1M_QRP-Transceiver] AGC Board Pictures
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, November 22, 2013, 1:41 PM

Hello group.
I've posted two pictures of the AGC board
that I assembled and a picture showing the size of the
surface mount resistors.
The board was quite easy to assemble - but I did
have to wear two sets of reading glasses in order to see the
parts! Took about a half-hour.
A very big thanks to Dale W4OP for designing and

making this kit available. I've got a x1m on order
and this will be the first mod I'll make to the
radio.
Pete NU0D

2519. Re: [X1M_QRP-Transceiver] AGC Board Pictures

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-22 22:18:52 UTC
From: ken fest
Topic: 2511 Message: 2519

I have calculated that the output should improve to 9 watts or so, based on the additional 3db gain of the Rd16HHF1 mosfet, assuming the radio is already outputting 4.5 watts. Murphy's law says I will be wrong. We shall see.

On Fri, 11/22/13, mikejmardis@... <mikejmardis@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
To: "X1M_QRP-Transceiver@yahoogroups.com" <X1M_QRP-Transceiver@yahoogroups.com>
Date: Friday, November 22, 2013, 2:51 PM

For anyone who has the radio, are you able to adjust
the output of the radio?Ken, what do you expect
to get for output after your mod on the final?

Sent from my iPhone
On Nov 22, 2013, at 13:47, ken fest <disklog@...>
wrote:

I too have assembled my AGC board and I am waiting
for the radio to arrive. Today in the mail I received two
RD16HH1 16 watt mosfet transistors. So I now have two mods
to install, the AGC and the final swap. I also would like to
incorporate a speech compression circuit INSIDE the radio
but I need to explore that option after the radio gets here.

Fun days ahead!!!!!

On Fri, 11/22/13, petek@...
<petek@...>
wrote:

Subject: [X1M_QRP-Transceiver] AGC Board Pictures

To: X1M_QRP-Transceiver@yahoogroups.com

Date: Friday, November 22, 2013, 1:41 PM

Hello group.

I've posted two pictures of the AGC board

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surface mount resistors.

The board was quite easy to assemble - but I did

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A very big thanks to Dale W4OP for designing and

making this kit available. I've got a x1m on order

and this will be the first mod I'll make to the

radio.

Pete NU0D

2520. Re: [X1M_QRP-Transceiver] AGC Board Pictures

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-22 22:43:26 UTC
From: mikejmardis@...
Topic: 2511 Message: 2520

Keep us updated

Sent from my iPhone

> On Nov 22, 2013, at 17:18, ken fest <disklog@...> wrote:
>
> I have calculated that the output should improve to 9 watts or so, based on the additional 3db gain of the Rd16HHF1 mosfet, assuming the radio is already outputting 4.5 watts.
> Murphy's law says I will be wrong. We shall see.
> ---
> On Fri, 11/22/13, mikejmardis@... <mikejmardis@...> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
> To: "X1M_QRP-Transceiver@yahoogroups.com" <X1M_QRP-Transceiver@yahoogroups.com>
> Date: Friday, November 22, 2013, 2:51 PM
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> Sent from my iPhone
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> Fun days ahead!!!!!
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> On Fri, 11/22/13, petek@...
> <petek@...>
> wrote:
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>
> Hello group.
>
> I've posted two pictures of the AGC board
>
> that I assembled and a picture showing the size of the
>
> surface mount resistors.
>
> The board was quite easy to assemble - but I did
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> have to wear two sets of reading glasses in order to see
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> parts! Took about a half-hour.
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> A very big thanks to Dale W4OP for designing and
>
> making this kit available. I've got a x1m on
> order
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> and this will be the first mod I'll make to the
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> radio.
>
> Pete NU0D
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2521. Re: [X1M_QRP-Transceiver] AGC Board Pictures

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-22 23:08:00 UTC
From: Dale Parfitt
Topic: 2511 Message: 2521

It would be nice if the new device were a drop in replacement. Do you have S parameter data for each device so we can compare/contrast them?

Dale W4OP

----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, November 22, 2013 5:43 PM
Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures

Keep us updated

Sent from my iPhone

On Nov 22, 2013, at 17:18, ken fest <disklog@...> wrote:

I have calculated that the output should improve to 9 watts or so, based on the additional 3db gain of the Rd16HHF1 mosfet, assuming the radio is already outputting 4.5 watts. Murphy's law says I will be wrong. We shall see.

On Fri, 11/22/13, mikejmardis@... <mikejmardis@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
To: "X1M_QRP-Transceiver@yahoogroups.com" <X1M_QRP-Transceiver@yahoogroups.com>
Date: Friday, November 22, 2013, 2:51 PM

For anyone who has the radio, are you able to adjust
the output of the radio?Ken, what do you expect
to get for output after your mod on the final?

Sent from my iPhone
On Nov 22, 2013, at 13:47, ken fest <disklog@...>
wrote:

I too have assembled my AGC board and I am waiting
for the radio to arrive. Today in the mail I received two
RD16HH1 16 watt mosfet transistors. So I now have two mods
to install, the AGC and the final swap. I also would like to
incorporate a speech compression circuit INSIDE the radio
but I need to explore that option after the radio gets here.

Fun days ahead!!!!!

On Fri, 11/22/13, petek@...
<petek@...>

wrote:

Subject: [X1M_QRP-Transceiver] AGC Board Pictures

To: X1M_QRP-Transceiver@yahoogroups.com

Date: Friday, November 22, 2013, 1:41 PM

Hello group.

I've posted two pictures of the AGC board

that I assembled and a picture showing the size of the

surface mount resistors.

The board was quite easy to assemble - but I did

have to wear two sets of reading glasses in order to see
the

parts! Took about a half-hour.

A very big thanks to Dale W4OP for designing and

making this kit available. I've got a x1m on
order

and this will be the first mod I'll make to the

radio.

Pete NU0D

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2522. Re: [X1M_QRP-Transceiver] AGC Board Pictures

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 00:30:52 UTC
From: ken fest
Topic: 2511 Message: 2522

Is this data OK?
RD16HHF1 S-PARAMETER DATA (@Vdd=12.5V, Id=800mA)
Freq.
[MHz] (mag) (ang) (mag) (ang) (mag) (ang) (mag) (ang)
10 0.928 -43.2 50.035 150.2 0.013 60.6 0.705 -44.6
30 0.761 -96.8 32.680 117.1 0.025 34.3 0.588 -92.6
50 0.676 -121.9 22.018 101.3 0.027 24.3 0.540 -116.9
100 0.650 -145.8 11.543 81.0 0.025 20.3 0.543 -138.4
150 0.679 -156.4 7.560 66.2 0.023 27.0 0.586 -147.1
200 0.709 -162.7 5.380 55.7 0.022 46.4 0.633 -153.2
250 0.742 -168.0 4.126 45.9 0.026 63.2 0.698 -158.1
300 0.775 -173.0 3.208 36.9 0.034 74.4 0.727 -163.2
350 0.801 -177.7 2.592 29.6 0.045 78.3 0.769 -168.0
400 0.826 177.7 2.133 22.6 0.056 78.4 0.805 -172.8
450 0.844 173.2 1.775 16.6 0.069 78.1 0.822 -176.8
500 0.861 169.0 1.509 11.3 0.081 75.3 0.851 178.9
550 0.874 164.8 1.283 5.9 0.093 73.1 0.867 174.7
600 0.884 160.7 1.114 2.1 0.104 69.8 0.877 170.9
650 0.892 156.9 0.974 -1.9 0.117 67.2 0.894 166.9
700 0.900 153.0 0.855 -5.3 0.129 63.7 0.897 163.4
750 0.903 149.1 0.759 -8.4 0.140 60.6 0.904 159.6
800 0.908 145.5 0.678 -11.3 0.150 56.8 0.914 155.9
850 0.912 141.7 0.614 -13.5 0.161 53.8 0.915 152.9
900 0.912 137.9 0.559 -15.3 0.172 50.4 0.917 149.0
950 0.913 134.3 0.509 -17.3 0.180 47.1 0.922 145.4
1000 0.913 130.7 0.467 -17.9 0.190 43.6 0.920 142.4

On Fri, 11/22/13, Dale Parfitt <parinc1@...m> wrote:

Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, November 22, 2013, 6:08 PM

☐

It would be nice if
the new device were a
drop in replacement. Do you have S parameter data for
each device so we can
compare/contrast them?

Dale W4OP

----- Original Message -----

From:
mikejmardis@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
November 22, 2013 5:43
PM
Subject: Re:
[X1M_QRP-Transceiver] AGC
Board Pictures

Keep us updated

Sent from my iPhone

On Nov 22, 2013, at 17:18, ken fest <disklog@...>
wrote:

I have calculated that the output should improve to 9
watts or so, based
on the additional 3db gain of the Rd16HHF1 mosfet,
assuming the radio is
already outputting 4.5 watts.
Murphy's law says I will be wrong. We
shall see.

On Fri,
11/22/13, mikejmardis@...

<mikejmardis@...>

wrote:

Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
To:
"X1M_QRP-Transceiver@yahoogroups.com"

<X1M_QRP-Transceiver@yahoogroups.com>
Date:
Friday, November 22, 2013, 2:51
PM

For
anyone who has the radio, are you able to adjust
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radio?Ken, what do you expect
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Sent from my iPhone
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too have assembled my AGC board and I am waiting
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Today in the mail I received two
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like to
incorporate a speech compression circuit INSIDE the radio
but
I need to explore that option after the radio gets
here.

Fun days
ahead!!!!!

On
Fri, 11/22/13, petek@kdomus.com
<petek@...>
wrote:

Subject:
[X1M_QRP-Transceiver] AGC Board Pictures

To: X1M_QRP-Transceiver@yahoogroups.com

Date:
Friday, November 22, 2013, 1:41
PM

Hello
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thanks to Dale W4OP for designing and

making this kit available.
 I've got a x1m on
order

and this will be the first mod I'll
make to the

radio.

Pete
 NU0D

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus
Database: 3629/6834 - Release Date:
11/13/13

2523. Re: [X1M_QRP-Transceiver] AGC Board Pictures

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 00:34:21 UTC
From: ken fest
Topic: 2511 Message: 2523

And here is the data for the RD06 that is currently in the radio:
7
RD06HVF1 S-PARAMETER DATA (@Vdd=12.5V, Id=500mA)
Freq.
[MHz] (mag) (ang) (mag) (ang) (mag) (ang) (mag) (ang)
10 0.985 -18.8 34.407 165.9 0.008 76.2 0.826 -17.3
30 0.900 -50.4 30.427 143.3 0.021 59.4 0.767 -43.6
50 0.799 -74.4 24.979 126.1 0.029 43.2 0.677 -65.0
100 0.667 -109.6 15.565 100.7 0.032 27.3 0.547 -96.8
150 0.636 -129.0 10.953 85.1 0.032 23.1 0.523 -113.4
200 0.630 -140.1 8.194 73.7 0.029 25.3 0.528 -124.7
250 0.645 -148.2 6.528 63.9 0.027 34.5 0.561 -132.7
300 0.663 -155.0 5.315 55.2 0.027 49.1 0.588 -139.6
350 0.685 -160.7 4.437 47.4 0.031 61.8 0.622 -145.9
400 0.708 -165.9 3.771 39.9 0.039 71.0 0.657 -151.7
450 0.729 -170.8 3.233 33.2 0.048 75.8 0.686 -157.0
500 0.752 -175.4 2.826 26.8 0.059 77.9 0.715 -162.3
550 0.771 179.9 2.475 20.7 0.070 76.9 0.743 -167.6
600 0.789 175.4 2.186 15.2 0.083 76.1 0.763 -172.3
650 0.804 171.2 1.943 9.7 0.095 73.7 0.789 -177.3
700 0.819 166.9 1.738 4.6 0.108 71.0 0.804 178.1
750 0.834 162.6 1.560 0.0 0.120 68.1 0.820 173.5
800 0.842 158.5 1.410 -4.5 0.133 65.0 0.837 169.0
850 0.851 154.3 1.275 -8.7 0.145 61.6 0.847 164.8
900 0.859 150.3 1.160 -12.6 0.157 58.2 0.858 160.2
950 0.866 146.2 1.058 -16.9 0.167 54.5 0.869 155.7
1000 0.870 142.3 0.963 -20.0 0.179 51.0 0.876 151.8

On Fri, 11/22/13, ken fest <disklog@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, November 22, 2013, 7:30 PM

Is this data OK?
RD16HHF1 S-PARAMETER DATA (@Vdd=12.5V, Id=800mA)
Freq.
[MHz] (mag) (ang) (mag) (ang) (mag) (ang) (mag) (ang)
10 0.928 -43.2 50.035 150.2 0.013 60.6 0.705 -44.6
30 0.761 -96.8 32.680 117.1 0.025 34.3 0.588 -92.6
50 0.676 -121.9 22.018 101.3 0.027 24.3 0.540 -116.9
100 0.650 -145.8 11.543 81.0 0.025 20.3 0.543 -138.4
150 0.679 -156.4 7.560 66.2 0.023 27.0 0.586 -147.1
200 0.709 -162.7 5.380 55.7 0.022 46.4 0.633 -153.2
250 0.742 -168.0 4.126 45.9 0.026 63.2 0.698 -158.1

300 0.775 -173.0 3.208 36.9 0.034 74.4 0.727 -163.2
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600 0.884 160.7 1.114 2.1 0.104 69.8 0.877 170.9
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700 0.900 153.0 0.855 -5.3 0.129 63.7 0.897 163.4
750 0.903 149.1 0.759 -8.4 0.140 60.6 0.904 159.6
800 0.908 145.5 0.678 -11.3 0.150 56.8 0.914 155.9
850 0.912 141.7 0.614 -13.5 0.161 53.8 0.915 152.9
900 0.912 137.9 0.559 -15.3 0.172 50.4 0.917 149.0
950 0.913 134.3 0.509 -17.3 0.180 47.1 0.922 145.4
1000 0.913 130.7 0.467 -17.9 0.190 43.6 0.920 142.4

On Fri, 11/22/13, Dale Parfitt <parinc1@frontier.com>
wrote:

Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, November 22, 2013, 6:08 PM

☐

It would be nice if
the new device were a
drop in replacement. Do you have S parameter data for
each device so we can
compare/contrast them?

Dale W4OP

----- Original Message -----

From:
mikejmardis@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
November 22, 2013 5:43
PM
Subject: Re:
[X1M_QRP-Transceiver] AGC
Board Pictures

Keep us updated

Sent from my iPhone

On Nov 22, 2013, at 17:18, ken fest <disklog@...>
wrote:

I have calculated that the output should improve to 9 watts or so, based on the additional 3db gain of the Rd16HHF1 mosfet, assuming the radio is already outputting 4.5 watts. Murphy's law says I will be wrong. We shall see.

On Fri, 11/22/13, mikejmardis@...

<mikejmardis@...>

wrote:

Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
To: "X1M_QRP-Transceiver@yahoogroups.com"

<X1M_QRP-Transceiver@yahoogroups.com>
Date: Friday, November 22, 2013, 2:51 PM

For anyone who has the radio, are you able to adjust the output of the radio?Ken, what do you expect to get for output after your mod on the final?

Sent from my iPhone
On Nov 22, 2013, at 13:47, ken fest <disklog@...>
wrote:

I too have assembled my AGC board and I am waiting for the radio to arrive. Today in the mail I received two RD16HH1 16 watt mosfet transistors. So I now have two mods to install, the AGC and the final swap. I also would like to incorporate a speech compression circuit INSIDE the radio but I need to explore that option after the radio gets here.

Fun days
ahead!!!!!

On
Fri, 11/22/13, petek@...
<petek@...>
wrote:

Subject:
[X1M_QRP-Transceiver] AGC Board
Pictures

To: X1M_QRP-Transceiver@yahoogroups.com

Date:
Friday, November 22, 2013, 1:41
PM

Hello
group.

I've posted two pictures of the AGC board

that I
assembled and a picture showing the
size of the

surface mount
resistors.

The board was quite easy to assemble - but I
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and

making this kit available.
I've got a x1m on
order

and this will be the first mod I'll
make to the

radio.

Pete
NU0D

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus
Database: 3629/6834 - Release Date:
11/13/13

Yahoo Groups Links

X1M_QRP-Transceiver-fullfeatured@yahoogroups.com

2524. Re: [X1M_QRP-Transceiver] AGC Board Pictures

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 00:34:52 UTC
From: ken fest
Topic: 2511 Message: 2524

And here is the data for the RD06 that is currently in the radio:
7
RD06HVF1 S-PARAMETER DATA (@Vdd=12.5V, Id=500mA)
Freq.
[MHz] (mag) (ang) (mag) (ang) (mag) (ang) (mag) (ang)
10 0.985 -18.8 34.407 165.9 0.008 76.2 0.826 -17.3
30 0.900 -50.4 30.427 143.3 0.021 59.4 0.767 -43.6
50 0.799 -74.4 24.979 126.1 0.029 43.2 0.677 -65.0
100 0.667 -109.6 15.565 100.7 0.032 27.3 0.547 -96.8
150 0.636 -129.0 10.953 85.1 0.032 23.1 0.523 -113.4
200 0.630 -140.1 8.194 73.7 0.029 25.3 0.528 -124.7
250 0.645 -148.2 6.528 63.9 0.027 34.5 0.561 -132.7
300 0.663 -155.0 5.315 55.2 0.027 49.1 0.588 -139.6
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400 0.708 -165.9 3.771 39.9 0.039 71.0 0.657 -151.7
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550 0.771 179.9 2.475 20.7 0.070 76.9 0.743 -167.6
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850 0.851 154.3 1.275 -8.7 0.145 61.6 0.847 164.8
900 0.859 150.3 1.160 -12.6 0.157 58.2 0.858 160.2
950 0.866 146.2 1.058 -16.9 0.167 54.5 0.869 155.7
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Is this data OK?
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950 0.913 134.3 0.509 -17.3 0.180 47.1 0.922 145.4
1000 0.913 130.7 0.467 -17.9 0.190 43.6 0.920 142.4

On Fri, 11/22/13, Dale Parfitt <parinc1@frontier.com>
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To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, November 22, 2013, 6:08 PM

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Dale W4OP

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mikejmardis@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
November 22, 2013 5:43
PM
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Board Pictures

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To: "X1M_QRP-Transceiver@yahoogroups.com"

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To: X1M_QRP-Transceiver@yahoogroups.com

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A very big
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I've got a x1m on
order

and this will be the first mod I'll
make to the

radio.

Pete
NU0D

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus
Database: 3629/6834 - Release Date:
11/13/13

Yahoo Groups Links

X1M_QRP-Transceiver-fullfeatured@yahoogroups.com

2525. internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 10:03:55 UTC
From: Victor Schensnovich
Topic: 2525 Message: 2525

Hi friends. Today, updated firmware. Something becomes better, but internal keyer works very bad. First dot and RIT step is ok.
Victor, UA1CEX.

2526. RE: Re: [X1M_QRP-Transceiver] AGC Board Pictures

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 13:27:34 UTC
From: <wkpres@...>
Topic: 2511 Message: 2526

As a circuit designer for a number of years, I would advice that you not expect too much from your modification. Such amplifier designs are usually structured so that the overall gain is more dependent of the values of the passive devices, like capacitors, inductor, and resister, rather than the parameters of the active devices. Active device parameters have much greater variability from device to device, which would make circuit behaviors much more variable - not a desirable characteristic.

So, I suspect that you will not see much of a change when you install the "higher gain" device.

Bill
KK4KLU

---In x1m_qrp-transceiver@yahoogroups.com, <disklog@...> wrote:

And here is the data for the RD06 that is currently in the radio:
7
RD06HVF1 S-PARAMETER DATA (@Vdd=12.5V, Id=500mA)
Freq.
[MHz] (mag) (ang) (mag) (ang) (mag) (ang) (mag) (ang)
10 0.985 -18.8 34.407 165.9 0.008 76.2 0.826 -17.3
30 0.900 -50.4 30.427 143.3 0.021 59.4 0.767 -43.6
50 0.799 -74.4 24.979 126.1 0.029 43.2 0.677 -65.0
100 0.667 -109.6 15.565 100.7 0.032 27.3 0.547 -96.8
150 0.636 -129.0 10.953 85.1 0.032 23.1 0.523 -113.4
200 0.630 -140.1 8.194 73.7 0.029 25.3 0.528 -124.7
250 0.645 -148.2 6.528 63.9 0.027 34.5 0.561 -132.7
300 0.663 -155.0 5.315 55.2 0.027 49.1 0.588 -139.6
350 0.685 -160.7 4.437 47.4 0.031 61.8 0.622 -145.9
400 0.708 -165.9 3.771 39.9 0.039 71.0 0.657 -151.7
450 0.729 -170.8 3.233 33.2 0.048 75.8 0.686 -157.0
500 0.752 -175.4 2.826 26.8 0.059 77.9 0.715 -162.3
550 0.771 179.9 2.475 20.7 0.070 76.9 0.743 -167.6
600 0.789 175.4 2.186 15.2 0.083 76.1 0.763 -172.3
650 0.804 171.2 1.943 9.7 0.095 73.7 0.789 -177.3
700 0.819 166.9 1.738 4.6 0.108 71.0 0.804 178.1
750 0.834 162.6 1.560 0.0 0.120 68.1 0.820 173.5
800 0.842 158.5 1.410 -4.5 0.133 65.0 0.837 169.0
850 0.851 154.3 1.275 -8.7 0.145 61.6 0.847 164.8
900 0.859 150.3 1.160 -12.6 0.157 58.2 0.858 160.2
950 0.866 146.2 1.058 -16.9 0.167 54.5 0.869 155.7
1000 0.870 142.3 0.963 -20.0 0.179 51.0 0.876 151.8

On Fri, 11/22/13, ken fest <disklog@... mailto:disklog@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, November 22, 2013, 7:30 PM

Is this data OK?
RD16HHF1 S-PARAMETER DATA (@Vdd=12.5V, Id=800mA)
Freq.
[MHz] (mag) (ang) (mag) (ang) (mag) (ang) (mag) (ang)
10 0.928 -43.2 50.035 150.2 0.013 60.6 0.705 -44.6
30 0.761 -96.8 32.680 117.1 0.025 34.3 0.588 -92.6
50 0.676 -121.9 22.018 101.3 0.027 24.3 0.540 -116.9
100 0.650 -145.8 11.543 81.0 0.025 20.3 0.543 -138.4
150 0.679 -156.4 7.560 66.2 0.023 27.0 0.586 -147.1
200 0.709 -162.7 5.380 55.7 0.022 46.4 0.633 -153.2
250 0.742 -168.0 4.126 45.9 0.026 63.2 0.698 -158.1
300 0.775 -173.0 3.208 36.9 0.034 74.4 0.727 -163.2
350 0.801 -177.7 2.592 29.6 0.045 78.3 0.769 -168.0
400 0.826 177.7 2.133 22.6 0.056 78.4 0.805 -172.8
450 0.844 173.2 1.775 16.6 0.069 78.1 0.822 -176.8
500 0.861 169.0 1.509 11.3 0.081 75.3 0.851 178.9
550 0.874 164.8 1.283 5.9 0.093 73.1 0.867 174.7
600 0.884 160.7 1.114 2.1 0.104 69.8 0.877 170.9
650 0.892 156.9 0.974 -1.9 0.117 67.2 0.894 166.9
700 0.900 153.0 0.855 -5.3 0.129 63.7 0.897 163.4
750 0.903 149.1 0.759 -8.4 0.140 60.6 0.904 159.6
800 0.908 145.5 0.678 -11.3 0.150 56.8 0.914 155.9
850 0.912 141.7 0.614 -13.5 0.161 53.8 0.915 152.9
900 0.912 137.9 0.559 -15.3 0.172 50.4 0.917 149.0
950 0.913 134.3 0.509 -17.3 0.180 47.1 0.922 145.4
1000 0.913 130.7 0.467 -17.9 0.190 43.6 0.920 142.4

On Fri, 11/22/13, Dale Parfitt <parinc1@... mailto:parinc1@...>
wrote:

Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, November 22, 2013, 6:08 PM

☐

It would be nice if
the new device were a
drop in replacement. Do you have S parameter data for
each device so we can
compare/contrast them?

Dale W4OP

----- Original Message -----

From:
mikejmardis@... mailto:mikejmardis@...

To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
November 22, 2013 5:43
PM
Subject: Re:
[X1M_QRP-Transceiver] AGC
Board Pictures

Keep us updated

Sent from my iPhone

On Nov 22, 2013, at 17:18, ken fest <disklog@... mailto:disklog@...>
wrote:

I have calculated that the output
should improve to 9
watts or so, based
on the additional 3db gain of the
Rd16HHF1 mosfet,
assuming the radio is
already outputting 4.5 watts.
Murphy's law says I will be wrong. We
shall see.

On Fri,
11/22/13, mikejmardis@... mailto:mikejmardis@...

<mikejmardis@... mailto:mikejmardis@...>

wrote:

Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
To:
"X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com"

<X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com>
Date:
Friday, November 22, 2013, 2:51
PM

For
anyone who has the radio, are you
able to adjust
the output of the
radio?Ken, what do you expect
to get for output after your mod on the
final?

Sent from my iPhone
On Nov 22, 2013, at 13:47, ken fest
<disklog@... mailto:disklog@...>
wrote:

I
too have assembled my AGC board and
I am waiting
for the radio to arrive.
Today in the mail I received two
RD16HH1 16 watt mosfet transistors. So I
now have two mods
to install, the AGC and the final swap. I also would
like to
incorporate a speech compression circuit INSIDE the radio
but
I need to explore that option after
the radio gets
here.

Fun days
ahead!!!!!

On
Fri, 11/22/13, petek@... mailto:petek@...
<petek@... mailto:petek@...>
wrote:

Subject:
[X1M_QRP-Transceiver] AGC Board
Pictures

To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com

Date:
Friday, November 22, 2013, 1:41
PM

Hello
group.

I've posted two pictures of the AGC board

that I
assembled and a picture showing the
size of the

surface mount
resistors.

The board was quite easy to assemble - but I
did

have to wear two sets of reading glasses in order to
see
the

parts! Took about a half-hour.

A very big
thanks to Dale W4OP for designing
and

making this kit available.
I've got a x1m on
order

and this will be the first mod I'll
make to the

radio.

Pete
NU0D

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus
Database: 3629/6834 - Release Date:
11/13/13

Yahoo Groups Links

X1M_QRP-Transceiver-fullfeatured@yahoogroups.com
mailto:X1M_QRP-Transceiver-fullfeatured@yahoogroups.com

2527. RE: RE: Re: [X1M_QRP-Transceiver] AGC Board Pictures

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 14:07:07 UTC
From: <ed@...>
Topic: 2511 Message: 2527

You guys should change the subject line of this thread (re: output transistors). When I first started reading this post, I thought the comments were about the AGC circuit mod. There should not be any comments that would lead anyone to think the AGC mod is anything other than a great improvement.

Just my 2c.....
Ed
www.importcommunications.com

---In X1M_QRP-Transceiver@yahoogroups.com, <wkpres@...> wrote:

As a circuit designer for a number of years, I would advice that you not expect too much from your modification. Such amplifier designs are usually structured so that the overall gain is more dependent of the values of the passive devices, like capacitors, inductor, and resister, rather than the parameters of the active devices. Active device parameters have much greater variability from device to device, which would make circuit behaviors much more variable - not a desirable characteristic.

So, I suspect that you will not see much of a change when you install the "higher gain" device.

Bill
KK4KLU

---In x1m_qrp-transceiver@yahoogroups.com, <disklog@...> wrote:

And here is the data for the RD06 that is currently in the radio:
7
RD06HVF1 S-PARAMETER DATA (@Vdd=12.5V, Id=500mA)
Freq.
[MHz] (mag) (ang) (mag) (ang) (mag) (ang) (mag) (ang)
10 0.985 -18.8 34.407 165.9 0.008 76.2 0.826 -17.3
30 0.900 -50.4 30.427 143.3 0.021 59.4 0.767 -43.6
50 0.799 -74.4 24.979 126.1 0.029 43.2 0.677 -65.0
100 0.667 -109.6 15.565 100.7 0.032 27.3 0.547 -96.8
150 0.636 -129.0 10.953 85.1 0.032 23.1 0.523 -113.4
200 0.630 -140.1 8.194 73.7 0.029 25.3 0.528 -124.7
250 0.645 -148.2 6.528 63.9 0.027 34.5 0.561 -132.7
300 0.663 -155.0 5.315 55.2 0.027 49.1 0.588 -139.6
350 0.685 -160.7 4.437 47.4 0.031 61.8 0.622 -145.9
400 0.708 -165.9 3.771 39.9 0.039 71.0 0.657 -151.7
450 0.729 -170.8 3.233 33.2 0.048 75.8 0.686 -157.0
500 0.752 -175.4 2.826 26.8 0.059 77.9 0.715 -162.3
550 0.771 179.9 2.475 20.7 0.070 76.9 0.743 -167.6
600 0.789 175.4 2.186 15.2 0.083 76.1 0.763 -172.3
650 0.804 171.2 1.943 9.7 0.095 73.7 0.789 -177.3
700 0.819 166.9 1.738 4.6 0.108 71.0 0.804 178.1

750 0.834 162.6 1.560 0.0 0.120 68.1 0.820 173.5
800 0.842 158.5 1.410 -4.5 0.133 65.0 0.837 169.0
850 0.851 154.3 1.275 -8.7 0.145 61.6 0.847 164.8
900 0.859 150.3 1.160 -12.6 0.157 58.2 0.858 160.2
950 0.866 146.2 1.058 -16.9 0.167 54.5 0.869 155.7
1000 0.870 142.3 0.963 -20.0 0.179 51.0 0.876 151.8

On Fri, 11/22/13, ken fest <disklog@... mailto:disklog@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, November 22, 2013, 7:30 PM

Is this data OK?
RD16HHF1 S-PARAMETER DATA (@Vdd=12.5V, Id=800mA)
Freq.
[MHz] (mag) (ang) (mag) (ang) (mag) (ang) (mag) (ang)
10 0.928 -43.2 50.035 150.2 0.013 60.6 0.705 -44.6
30 0.761 -96.8 32.680 117.1 0.025 34.3 0.588 -92.6
50 0.676 -121.9 22.018 101.3 0.027 24.3 0.540 -116.9
100 0.650 -145.8 11.543 81.0 0.025 20.3 0.543 -138.4
150 0.679 -156.4 7.560 66.2 0.023 27.0 0.586 -147.1
200 0.709 -162.7 5.380 55.7 0.022 46.4 0.633 -153.2
250 0.742 -168.0 4.126 45.9 0.026 63.2 0.698 -158.1
300 0.775 -173.0 3.208 36.9 0.034 74.4 0.727 -163.2
350 0.801 -177.7 2.592 29.6 0.045 78.3 0.769 -168.0
400 0.826 177.7 2.133 22.6 0.056 78.4 0.805 -172.8
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850 0.912 141.7 0.614 -13.5 0.161 53.8 0.915 152.9
900 0.912 137.9 0.559 -15.3 0.172 50.4 0.917 149.0
950 0.913 134.3 0.509 -17.3 0.180 47.1 0.922 145.4
1000 0.913 130.7 0.467 -17.9 0.190 43.6 0.920 142.4

On Fri, 11/22/13, Dale Parfitt <parinc1@... mailto:parinc1@...>
wrote:

Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, November 22, 2013, 6:08 PM

☐

It would be nice if
the new device were a

drop in replacement. Do you have S parameter data for
each device so we can
compare/contrast them?

Dale W4OP

----- Original Message -----

From:
mikejmardis@... mailto:mikejmardis@...

To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
November 22, 2013 5:43
PM
Subject: Re:
[X1M_QRP-Transceiver] AGC
Board Pictures

Keep us updated

Sent from my iPhone

On Nov 22, 2013, at 17:18, ken fest <disklog@... mailto:disklog@...>
wrote:

I have calculated that the output
should improve to 9
watts or so, based
on the additional 3db gain of the
Rd16HHF1 mosfet,
assuming the radio is
already outputting 4.5 watts.
Murphy's law says I will be wrong. We
shall see.

On Fri,
11/22/13, mikejmardis@... mailto:mikejmardis@...

<mikejmardis@... mailto:mikejmardis@...>

wrote:

Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
To:
"X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com"

<X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com>
Date:
Friday, November 22, 2013, 2:51
PM

For
anyone who has the radio, are you
able to adjust
the output of the
radio?Ken, what do you expect
to get for output after your mod on the
final?

Sent from my iPhone
On Nov 22, 2013, at 13:47, ken fest
<disklog@... mailto:disklog@...>
wrote:

I
too have assembled my AGC board and
I am waiting
for the radio to arrive.
Today in the mail I received two
RD16HH1 16 watt mosfet transistors. So I
now have two mods
to install, the AGC and the final swap. I also would
like to
incorporate a speech compression circuit INSIDE the radio
but
I need to explore that option after
the radio gets
here.

Fun days
ahead!!!!!

On
Fri, 11/22/13, petek@... mailto:petek@...
<petek@... mailto:petek@...>
wrote:

Subject:
[X1M_QRP-Transceiver] AGC Board
Pictures

To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com

Date:
Friday, November 22, 2013, 1:41
PM

Hello
group.

I've posted two pictures of the AGC board

that I
assembled and a picture showing the
size of the

surface mount
resistors.

The board was quite easy to assemble - but I
did

have to wear two sets of reading glasses in order to
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the

parts! Took about a half-hour.

A very big
thanks to Dale W4OP for designing
and

making this kit available.
I've got a x1m on
order

and this will be the first mod I'll
make to the

radio.

Pete
NU0D

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus
Database: 3629/6834 - Release Date:
11/13/13

Yahoo Groups Links

X1M_QRP-Transceiver-fullfeatured@yahoogroups.com
mailto:X1M_QRP-Transceiver-fullfeatured@yahoogroups.com

2528. Re: [X1M_QRP-Transceiver] internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 15:12:08 UTC
From: Dale Parfitt
Topic: 2525 Message: 2528

Hi Victor, I have not had time to do a lot with the X1M post firmware update but did make a CW QSO using the internal keyer. I did not notice anything different, but that is admittedly a limited experience. The station I was working did not bring any issues to my attention. I did not have any reason to observe timing or spacing on the scope.
Can you be more specific about what has gotten worse.

Dale W4OP

----- Original Message -----
From: Victor Schensnovich
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 5:03 AM
Subject: [X1M_QRP-Transceiver] internal keyer

Hi friends. Today, updated firmware. Something becomes better, but
internal keyer works very bad. First dot and RIT step is ok.
Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2529. Re: [X1M_QRP-Transceiver] internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 15:21:35 UTC
From: Charlie , W5COV
Topic: 2525 Message: 2529

Hi Victor , I am also interested in your issue , I have not yet operated CW with the upgrade .But will duplicate your working conditions and give it a try along with Dale.

I was going to e-mail you last night anyway . I checked the postal service here yesterday and Mouser was pretty close on cost . For me to send you a 1 pound package non priority is $16.50 shipping .

It has to be available somewhere else where the shipping is much more reasonable .

Charlie , W5COV

On 11/23/2013 9:12 AM, Dale Parfitt wrote:
>
> □
>
> Hi Victor, I have not had time to do a lot with the X1M post firmware
> update but did make a CW QSO using the internal keyer. I did not
> notice anything different, but that is admittedly a limited
> experience. The station I was working did not bring any issues to my
> attention. I did not have any reason to observe timing or spacing on
> the scope.
> Can you be more specific about what has gotten worse.
> Dale W4OP
>
> ----- Original Message -----
> *From:* Victor Schensnovich <mailto:ua1cex@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Saturday, November 23, 2013 5:03 AM
> *Subject:* [X1M_QRP-Transceiver] internal keyer
>
> Hi friends. Today, updated firmware. Something becomes better, but
> internal keyer works very bad. First dot and RIT step is ok.
> Victor, UA1CEX.
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date:
> 11/13/13
>
>

2530. Re: [X1M_QRP-Transceiver] WAS AGC Board Pictures NOW FINAL CHANGE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 15:32:38 UTC
From: Charlie , W5COV
Topic: 2530 Message: 2530

You are correct Ed , I was a bit confused myself reading the post .

Charlie
On 11/23/2013 8:07 AM, ed@... wrote:
>
> You guys should change the subject line of this thread (re: output
> transistors). When I first started reading this post, I thought the
> comments were about the AGC circuit mod. There should not be any
> comments that would lead anyone to think the AGC mod is anything other
> than a great improvement.
>
>
> Just my 2c.....
>
> Ed
>
> www.importcommunications.com
>
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com, <wkpres@...> wrote:
>
> As a circuit designer for a number of years, I would advice that you
> not expect too much from your modification. Such amplifier designs
> are usually structured so that the overall gain is more dependent of
> the values of the passive devices, like capacitors, inductor, and
> resister, rather than the parameters of the active devices. Active
> device parameters have much greater variability from device to device,
> which would make circuit behaviors much more variable - not a
> desirable characteristic.
>
> So, I suspect that you will not see much of a change when you install
> the "higher gain" device.
>
> Bill
>
> KK4KLU
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <disklog@...> wrote:
>
> And here is the data for the RD06 that is currently in the radio:

> 7
> RD06HVF1 S-PARAMETER DATA (@Vdd=12.5V, Id=500mA)
> Freq.
> [MHz] (mag) (ang) (mag) (ang) (mag) (ang) (mag) (ang)
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> 30 0.900 -50.4 30.427 143.3 0.021 59.4 0.767 -43.6
> 50 0.799 -74.4 24.979 126.1 0.029 43.2 0.677 -65.0
> 100 0.667 -109.6 15.565 100.7 0.032 27.3 0.547 -96.8
> 150 0.636 -129.0 10.953 85.1 0.032 23.1 0.523 -113.4
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> 250 0.645 -148.2 6.528 63.9 0.027 34.5 0.561 -132.7
> 300 0.663 -155.0 5.315 55.2 0.027 49.1 0.588 -139.6
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> 500 0.752 -175.4 2.826 26.8 0.059 77.9 0.715 -162.3
> 550 0.771 179.9 2.475 20.7 0.070 76.9 0.743 -167.6
> 600 0.789 175.4 2.186 15.2 0.083 76.1 0.763 -172.3
> 650 0.804 171.2 1.943 9.7 0.095 73.7 0.789 -177.3
> 700 0.819 166.9 1.738 4.6 0.108 71.0 0.804 178.1
> 750 0.834 162.6 1.560 0.0 0.120 68.1 0.820 173.5
> 800 0.842 158.5 1.410 -4.5 0.133 65.0 0.837 169.0
> 850 0.851 154.3 1.275 -8.7 0.145 61.6 0.847 164.8
> 900 0.859 150.3 1.160 -12.6 0.157 58.2 0.858 160.2
> 950 0.866 146.2 1.058 -16.9 0.167 54.5 0.869 155.7
> 1000 0.870 142.3 0.963 -20.0 0.179 51.0 0.876 151.8
> ---
>
> On Fri, 11/22/13, ken fest <disklog@... <mailto:disklog@...>>
> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
> To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> Date: Friday, November 22, 2013, 7:30 PM
>
> Is this data OK?
> RD16HHF1 S-PARAMETER DATA (@Vdd=12.5V, Id=800mA)
> Freq.
> [MHz] (mag) (ang) (mag) (ang) (mag) (ang) (mag) (ang)
> 10 0.928 -43.2 50.035 150.2 0.013 60.6 0.705 -44.6
> 30 0.761 -96.8 32.680 117.1 0.025 34.3 0.588 -92.6
> 50 0.676 -121.9 22.018 101.3 0.027 24.3 0.540 -116.9
> 100 0.650 -145.8 11.543 81.0 0.025 20.3 0.543 -138.4
> 150 0.679 -156.4 7.560 66.2 0.023 27.0 0.586 -147.1
> 200 0.709 -162.7 5.380 55.7 0.022 46.4 0.633 -153.2
> 250 0.742 -168.0 4.126 45.9 0.026 63.2 0.698 -158.1
> 300 0.775 -173.0 3.208 36.9 0.034 74.4 0.727 -163.2
> 350 0.801 -177.7 2.592 29.6 0.045 78.3 0.769 -168.0

> 400 0.826 177.7 2.133 22.6 0.056 78.4 0.805 -172.8
> 450 0.844 173.2 1.775 16.6 0.069 78.1 0.822 -176.8
> 500 0.861 169.0 1.509 11.3 0.081 75.3 0.851 178.9
> 550 0.874 164.8 1.283 5.9 0.093 73.1 0.867 174.7
> 600 0.884 160.7 1.114 2.1 0.104 69.8 0.877 170.9
> 650 0.892 156.9 0.974 -1.9 0.117 67.2 0.894 166.9
> 700 0.900 153.0 0.855 -5.3 0.129 63.7 0.897 163.4
> 750 0.903 149.1 0.759 -8.4 0.140 60.6 0.904 159.6
> 800 0.908 145.5 0.678 -11.3 0.150 56.8 0.914 155.9
> 850 0.912 141.7 0.614 -13.5 0.161 53.8 0.915 152.9
> 900 0.912 137.9 0.559 -15.3 0.172 50.4 0.917 149.0
> 950 0.913 134.3 0.509 -17.3 0.180 47.1 0.922 145.4
> 1000 0.913 130.7 0.467 -17.9 0.190 43.6 0.920 142.4
> ---
> On Fri, 11/22/13, Dale Parfitt <parinc1@... <mailto:parinc1@...>>
> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
> To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> Date: Friday, November 22, 2013, 6:08 PM
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> It would be nice if
> the new device were a
> drop in replacement. Do you have S parameter data for
> each device so we can
> compare/contrast them?
>
> Dale W4OP
>
>
> ----- Original Message -----
>
> From:
> mikejmardis@... <mailto:mikejmardis@...>
>
> To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>
>
> Sent: Friday,
> November 22, 2013 5:43
> PM
> Subject: Re:
> [X1M_QRP-Transceiver] AGC
> Board Pictures
>
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>
>
> Keep us updated
>
> Sent from my iPhone
>
> On Nov 22, 2013, at 17:18, ken fest <disklog@...
> <mailto:disklog@...>>
> wrote:
>
>
>
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>
>
> I have calculated that the output
> should improve to 9
> watts or so, based
> on the additional 3db gain of the
> Rd16HHF1 mosfet,
> assuming the radio is
> already outputting 4.5 watts.
> Murphy's law says I will be wrong. We
> shall see.

> ---
> On Fri,
> 11/22/13, mikejmardis@... <mailto:mikejmardis@...>
>
> <mikejmardis@... <mailto:mikejmardis@...>>
>
> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
> To:
> "X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>"
>
> <X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>>
> Date:
> Friday, November 22, 2013, 2:51
> PM
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> For
> anyone who has the radio, are you
> able to adjust
> the output of the
> radio?Ken, what do you expect
> to get for output after your mod on the
> final?
>

> Sent from my iPhone
> On Nov 22, 2013, at 13:47, ken fest
> <disklog@... <mailto:disklog@...>>
> wrote:
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>
> I
> too have assembled my AGC board and
> I am waiting
> for the radio to arrive.
> Today in the mail I received two
> RD16HH1 16 watt mosfet transistors. So I
> now have two mods
> to install, the AGC and the final swap. I also would
> like to
> incorporate a speech compression circuit INSIDE the radio
> but
> I need to explore that option after
> the radio gets
> here.
>
>
> Fun days
> ahead!!!!!
>
> ---
>
> On

> Fri, 11/22/13, petek@... <mailto:petek@...>
> <petek@... <mailto:petek@...>>
> wrote:
>
>
>
> Subject:
> [X1M_QRP-Transceiver] AGC Board
> Pictures
>
> To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>
> Date:
> Friday, November 22, 2013, 1:41
> PM
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> Hello
> group.
>
> I've posted two pictures of the AGC board
>
> that I
> assembled and a picture showing the
> size of the
>
> surface mount
> resistors.
>
> The board was quite easy to assemble - but I
> did
>
> have to wear two sets of reading glasses in order to
> see
> the
>
> parts! Took about a half-hour.
>

> A very big
> thanks to Dale W4OP for designing
> and
>
> making this kit available.
> I've got a x1m on
> order
>
> and this will be the first mod I'll
> make to the
>
> radio.
>
> Pete
> NU0D
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> No virus found in this
> message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus
> Database: 3629/6834 - Release Date:
> 11/13/13
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> Yahoo Groups Links
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>
> X1M_QRP-Transceiver-fullfeatured@yahoogroups.com
> <mailto:X1M_QRP-Transceiver-fullfeatured@yahoogroups.com>
>
>

2531. Re: [X1M_QRP-Transceiver] internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 15:38:27 UTC
From: Dale Parfitt
Topic: 2525 Message: 2531

I just ran maybe 5 minutes of CW at 20WPM. The only thing I see (and this was there before the latest firmware) is that maybe(?) the keyer has implemented character spacing.
For review (and from memory):
The spacing between dots, dots-dashes or dash-dashes= 1 dot length
Dash= 3 X Dot
Spacing between characters= 3X Dot
Spacing between words= 5X Dot.

My Accukeyer also implements character spacing and keeps me honest. It is difficult to say for sure without some scope sleuthing, but that is the only thing I am seeing that one may not be used to or odd.

Dale W4OP

----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 10:21 AM
Subject: Re: [X1M_QRP-Transceiver] internal keyer

Hi Victor , I am also interested in your issue , I have not yet operated CW with the upgrade .But will duplicate your working conditions and give it a try along with Dale.

I was going to e-mail you last night anyway . I checked the postal service here yesterday and Mouser was pretty close on cost . For me to send you a 1 pound package non priority is $16.50 shipping .

It has to be available somewhere else where the shipping is much more reasonable .

Charlie , W5COV

On 11/23/2013 9:12 AM, Dale Parfitt wrote:

☐

Hi Victor, I have not had time to do a lot with the X1M post firmware update but did make a CW QSO using the internal keyer. I did not notice anything different, but that is admittedly a limited experience. The station I was working did not bring any issues to my attention. I did not have any reason to observe timing or spacing on the scope.
Can you be more specific about what has gotten worse.

Dale W4OP

----- Original Message -----
From: Victor Schensnovich
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 5:03 AM
Subject: [X1M_QRP-Transceiver] internal keyer

Hi friends. Today, updated firmware. Something becomes better, but
internal keyer works very bad. First dot and RIT step is ok.
Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2532. Re: [X1M_QRP-Transceiver] internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 16:07:45 UTC
From: ua1cex@...
Topic: 2525 Message: 2532

Hi Dale and Charlie. My English is not so rich to explain what is going on. But I will try. Spacing is ok, but when you start transmit after each letter you need wait time before to send next letter, maybe, 5 dots interval. But if you want to transmit faster, you do not need wait this time. Never seen before any electronic keyers cheap and expensive which work this way! Maybe, I want to have 2 dots interval between letters. It looks so, it breaks transmiting. It is possible only in China. They never work CW, and they do not know how it has to be working. Excuse me for my English

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@frontier.com>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: сб, 23 ноя 2013 19:38
Subject: Re: [X1M_QRP-Transceiver] internal keyer

I just ran maybe 5 minutes of CW at 20WPM. The only thing I see (and this was there before the latest firmware) is that maybe(?) the keyer has implemented character spacing.
For review (and from memory):
The spacing between dots, dots-dashes or dash-dashes= 1 dot length
Dash= 3 X Dot
Spacing between characters= 3X Dot
Spacing between words= 5X Dot.

My Accukeyer also implements character spacing and keeps me honest. It is difficult to say for sure without some scope sleuthing, but that is the only thing I am seeing that one may not be used to or odd.

Dale W4OP

----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 10:21 AM
Subject: Re: [X1M_QRP-Transceiver] internal keyer

Hi Victor , I am also interested in your issue , I have not yet operated CW with the upgrade .But will duplicate your working conditions and give it a try along with Dale.

I was going to e-mail you last night anyway . I checked the postal service here yesterday and Mouser was pretty close on cost . For me to send you a 1 pound package non priority is $16.50 shipping .

It has to be available somewhere else where the shipping is much more reasonable .

Charlie , W5COV

On 11/23/2013 9:12 AM, Dale Parfitt wrote:

□

Hi Victor, I have not had time to do a lot with the X1M post firmware update but did make a CW QSO using the internal keyer. I did not notice anything different, but that is admittedly a limited experience. The station I was working did not bring any issues to my attention. I did not have any reason to observe timing or spacing on the scope.
Can you be more specific about what has gotten worse.

Dale W4OP

----- Original Message -----
From: Victor Schensnovich
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 5:03 AM
Subject: [X1M_QRP-Transceiver] internal keyer

Hi friends. Today, updated firmware. Something becomes better, but
internal keyer works very bad. First dot and RIT step is ok.
Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2533. Re: [X1M_QRP-Transceiver] internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 16:11:34 UTC
From: ua1cex@...
Topic: 2525 Message: 2533

Charlie, thank you for your help about speaker. I found something similar here, in St.Petersburg.
73/72 - Victor, UA1CEX.

-----Original Message-----
From: "Charlie , W5COV" <cvest@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: сб, 23 ноя 2013 19:21
Subject: Re: [X1M_QRP-Transceiver] internal keyer

Hi Victor , I am also interested in your issue , I have not yet operated CW with the upgrade .But will duplicate your working conditions and give it a try along with Dale.

I was going to e-mail you last night anyway . I checked the postal service here yesterday and Mouser was pretty close on cost . For me to send you a 1 pound package non priority is $16.50 shipping .

It has to be available somewhere else where the shipping is much more reasonable .

Charlie , W5COV

On 11/23/2013 9:12 AM, Dale Parfitt wrote:
>
> □
>
> Hi Victor, I have not had time to do a lot with the X1M post firmware
> update but did make a CW QSO using the internal keyer. I did not
> notice anything different, but that is admittedly a limited
> experience. The station I was working did not bring any issues to my
> attention. I did not have any reason to observe timing or spacing on
> the scope.
> Can you be more specific about what has gotten worse.
> Dale W4OP
>
> ----- Original Message -----
> *From:* Victor Schensnovich <mailto:ua1cex@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Saturday, November 23, 2013 5:03 AM
> *Subject:* [X1M_QRP-Transceiver] internal keyer
>
> Hi friends. Today, updated firmware. Something becomes better, but
> internal keyer works very bad. First dot and RIT step is ok.
> Victor, UA1CEX.

>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date:
> 11/13/13
>
>

2534. Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 16:24:51 UTC
From: ua1cex@...
Topic: 2534 Message: 2534

I think, program must regulated only 1dash is 3 dots. Space between letters and words operator will do himself.

73/72 - Victor, UA1CEX.

2535. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 16:41:53 UTC
From: Dale Parfitt
Topic: 2534 Message: 2535

That was the dash length that we gave the Chinese group: Dash= 3X dot. I recall looking at that on my scope with the former firmware and they had it right.

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 11:24 AM
Subject: [X1M_QRP-Transceiver] Internal keyer

I think, program must regulated only 1dash is 3 dots. Space between letters and words operator will do himself.

73/72 - Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2536. Re: [X1M_QRP-Transceiver] internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 16:45:55 UTC
From: Dale Parfitt
Topic: 2525 Message: 2536

Your English is fine Victor. No apology necessary there.
Yes, I think they may have inadvertently added character spacing, but not an issue here. In the end it results in more "machine like" sending, but less personality perhaps. This may be part of Dot memory. Dash memory was very important to have implemented. Dot memory less so.

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 11:07 AM
Subject: Re: [X1M_QRP-Transceiver] internal keyer

Hi Dale and Charlie. My English is not so rich to explain what is going on. But I will try. Spacing is ok, but when you start transmit after each letter you need wait time before to send next letter, maybe, 5 dots interval. But if you want to transmit faster, you do not need wait this time. Never seen before any electronic keyers cheap and expensive which work this way! Maybe, I want to have 2 dots interval between letters. It looks so, it breaks transmiting. It is possible only in China. They never work CW, and they do not know how it has to be working. Excuse me for my English

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: сб, 23 ноя 2013 19:38
Subject: Re: [X1M_QRP-Transceiver] internal keyer

☐

I just ran maybe 5 minutes of CW at 20WPM. The only thing I see (and this was there before the latest firmware) is that maybe(?) the keyer has implemented character spacing.
For review (and from memory):
The spacing between dots, dots-dashes or dash-dashes= 1 dot length
Dash= 3 X Dot
Spacing between characters= 3X Dot
Spacing between words= 5X Dot.

My Accukeyer also implements character spacing and keeps me honest. It is difficult to say for sure without some scope sleuthing, but that is the only thing I am seeing that one may not be used to or odd.

Dale W4OP

----- Original Message -----
From: Charlie , W5COV

To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 10:21 AM
Subject: Re: [X1M_QRP-Transceiver] internal keyer

Hi Victor , I am also interested in your issue , I have not yet operated CW with the upgrade .But will duplicate your working conditions and give it a try along with Dale.

I was going to e-mail you last night anyway . I checked the postal service here yesterday and Mouser was pretty close on cost . For me to send you a 1 pound package non priority is $16.50 shipping .

It has to be available somewhere else where the shipping is much more reasonable .

Charlie , W5COV

On 11/23/2013 9:12 AM, Dale Parfitt wrote:

☐

Hi Victor, I have not had time to do a lot with the X1M post firmware update but did make a CW QSO using the internal keyer. I did not notice anything different, but that is admittedly a limited experience. The station I was working did not bring any issues to my attention. I did not have any reason to observe timing or spacing on the scope.
Can you be more specific about what has gotten worse.

Dale W4OP

----- Original Message -----
From: Victor Schensnovich
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 5:03 AM
Subject: [X1M_QRP-Transceiver] internal keyer

Hi friends. Today, updated firmware. Something becomes better, but
internal keyer works very bad. First dot and RIT step is ok.
Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2537. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 16:50:06 UTC
From: ua1cex@...
Topic: 2534 Message: 2537

Dale, yes 1 dash it is 3 dots. That is ok, but it has to be NO limit in interval between letters. Before to send next letter, I have to wait 5 dots interval. Why??? I work CW all my life, but never met keyers work this manner.
73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: сб, 23 ноя 2013 20:41
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

That was the dash length that we gave the Chinese group: Dash= 3X dot. I recall looking at that on my scope with the former firmware and they had it right.

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 11:24 AM
Subject: [X1M_QRP-Transceiver] Internal keyer

I think, program must regulated only 1dash is 3 dots. Space between letters and words operator will do himself.

73/72 - Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2538. Re: [X1M_QRP-Transceiver] internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 16:52:43 UTC
From: ua1cex@...
Topic: 2525 Message: 2538

Yes, Dale. You said correct word " machine like". But I cannot use this keyer.
73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: сб, 23 ноя 2013 20:45
Subject: Re: [X1M_QRP-Transceiver] internal keyer

Your English is fine Victor. No apology necessary there.
Yes, I think they may have inadvertently added character spacing, but not an issue here. In the end it results in more "machine like" sending, but less personality perhaps. This may be part of Dot memory. Dash memory was very important to have implemented. Dot memory less so.

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 11:07 AM
Subject: Re: [X1M_QRP-Transceiver] internal keyer

Hi Dale and Charlie. My English is not so rich to explain what is going on. But I will try. Spacing is ok, but when you start transmit after each letter you need wait time before to send next letter, maybe, 5 dots interval. But if you want to transmit faster, you do not need wait this time. Never seen before any electronic keyers cheap and expensive which work this way! Maybe, I want to have 2 dots interval between letters. It looks so, it breaks transmiting. It is possible only in China. They never work CW, and they do not know how it has to be working. Excuse me for my English

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: сб, 23 ноя 2013 19:38
Subject: Re: [X1M_QRP-Transceiver] internal keyer

□

I just ran maybe 5 minutes of CW at 20WPM. The only thing I see (and this was there before the latest firmware) is that maybe(?) the keyer has implemented character spacing.
For review (and from memory):
The spacing between dots, dots-dashes or dash-dashes= 1 dot length
Dash= 3 X Dot
Spacing between characters= 3X Dot
Spacing between words= 5X Dot.

My Accukeyer also implements character spacing and keeps me honest. It is difficult to say for sure without some scope sleuthing, but that is the only thing I am seeing that one may not be used to or odd.

Dale W4OP

----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 10:21 AM
Subject: Re: [X1M_QRP-Transceiver] internal keyer

Hi Victor , I am also interested in your issue , I have not yet operated CW with the upgrade .But will duplicate your working conditions and give it a try along with Dale.

I was going to e-mail you last night anyway . I checked the postal service here yesterday and Mouser was pretty close on cost . For me to send you a 1 pound package non priority is $16.50 shipping .

It has to be available somewhere else where the shipping is much more reasonable .

Charlie , W5COV

On 11/23/2013 9:12 AM, Dale Parfitt wrote:

☐

Hi Victor, I have not had time to do a lot with the X1M post firmware update but did make a CW QSO using the internal keyer. I did not notice anything different, but that is admittedly a limited experience. The station I was working did not bring any issues to my attention. I did not have any reason to observe timing or spacing on the scope.
Can you be more specific about what has gotten worse.

Dale W4OP

----- Original Message -----
From: Victor Schensnovich
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 5:03 AM
Subject: [X1M_QRP-Transceiver] internal keyer

Hi friends. Today, updated firmware. Something becomes better, but
internal keyer works very bad. First dot and RIT step is ok.
Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com

Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2539. Please snip

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 16:53:07 UTC
From: Marcus Ward
Topic: 2539 Message: 2539

Could everyone do those of us reading this in the digest mode a favor? Snip the messages if you have a bunch of excessive quotes that aren't required to understand your reply? It took me a while to even realize it was happening but the really long messages get snipped so I only see some of the emails. Once I realized that I open them in another window to see the whole thing but the 20 pages of empty lines or quotes for 2 pages of actual content of quotes is a horrendous pain. Back in the old days of listservs I think everyone knew to snip but that information has gone by the wayside. Thanks!

2540. Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 17:25:03 UTC
From: ua1cex@...
Topic: 2534 Message: 2540

A little bit more working this keyer and I go to the mad house.

73/72 - Victor, UA1CEX.

2541. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 18:00:03 UTC
From: Dale Parfitt
Topic: 2534 Message: 2541

You can certainly put it in straight key mode and use your favorite external keyer.

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 12:25 PM
Subject: [X1M_QRP-Transceiver] Internal keyer

A little bit more working this keyer and I go to the mad house.

73/72 - Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2542. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 18:09:00 UTC
From: ua1cex@...
Topic: 2534 Message: 2542

Dale, that is what I do. Hope, our chiness friends improve keyer.
73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@frontier.com>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: сб, 23 ноя 2013 22:00
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

You can certainly put it in straight key mode and use your favorite external keyer.

Dale W4OP
----- Original Message -----
From: ua1cex@mail.ru
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 12:25 PM
Subject: [X1M_QRP-Transceiver] Internal keyer

A little bit more working this keyer and I go to the mad house.

73/72 - Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2543. X1M SSB Spectrum

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 22:27:51 UTC
From: <parinc1@...>
Topic: 2543 Message: 2543

I posted a JPEG of the close in spectrum of the X1M on SSB to my Phoro Album. The opposite sideband rejection is excellent. Taken on an Agilent N1996A SA/SNA.

Dale W4OP

2544. RE: X1M SSB Spectrum

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-23 23:57:09 UTC
From: <lphebus@...>
Topic: 2543 Message: 2544

Dale, when you get a chance could you describe the graph as you might caption it? I get that the x-axis is frequency in the 80meter band and that each division is 1kHz. There is a peak with approx a 2kHz half height width looking to be between 3 and 5 kHz from the origin. The y axis is in dBm with a -30 dBm reference. Is this the opposite sideband? Thanks!

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

I posted a JPEG of the close in spectrum of the X1M on SSB to my Phoro Album. The opposite sideband rejection is excellent. Taken on an Agilent N1996A SA/SNA.

Dale W4OP

2546. Re: [X1M_QRP-Transceiver] RE: X1M SSB Spectrum

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-24 00:14:33 UTC
From: Dale Parfitt
Topic: 2543 Message: 2546

The center of the X axis is 3700KHz- the frequency the X1M was set to. Everything above the center line is USB and below the center line is LSB- the proper mode for 80M.
I typically get reports of a lack of highs in my audio- and the plot shows a rolloff of highs. I was impressed by the opposite sideband attenuation.

Dale W4OP

----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 6:57 PM
Subject: [X1M_QRP-Transceiver] RE: X1M SSB Spectrum

Dale, when you get a chance could you describe the graph as you might caption it? I get that the x-axis is frequency in the 80meter band and that each division is 1kHz. There is a peak with approx a 2kHz half height width looking to be between 3 and 5 kHz from the origin. The y axis is in dBm with a -30 dBm reference. Is this the opposite sideband? Thanks!

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

I posted a JPEG of the close in spectrum of the X1M on SSB to my Phoro Album. The opposite sideband rejection is excellent. Taken on an Agilent N1996A SA/SNA.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2547. RE: [X1M_QRP-Transceiver] RE: Please snip

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-24 00:26:09 UTC
From: Lee
Topic: 2539 Message: 2547

But please do not snip all previous quotes, just most. It sometimes makes it tough to figure what you are responding to. Especially if the subject is wrong. Please do put you name and call if you have one. Thanks.

Lee – N9LO

Sent from my Windows PC, a real computer.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of pooled@...
Sent: Saturday, November 23, 2013 6:13 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Please snip

I concur 100%.

There is no need to include 20 pages of previous quotes on every post.

Dave VK5NQP

---In X1M_QRP-Transceiver@yahoogroups.com, <marcus.ward@...> wrote:

Could everyone do those of us reading this in the digest mode a favor? Snip the messages if you have a bunch of excessive quotes that aren't required to understand your reply? It took me a while to even realize it was happening but the really long messages get snipped so I only see some of the emails. Once I realized that I open them in another window to see the whole thing but the 20 pages of empty lines or quotes for 2 pages of actual content of quotes is a horrendous pain. Back in the old days of listservs I think everyone knew to snip but that information has gone by the wayside. Thanks!

2548. Re: RE: Re: [X1M_QRP-Transceiver] AGC Board Pictures

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-24 00:28:10 UTC
From: M_AND_R_SHAREF
Topic: 2511 Message: 2548

Check to see if the output impedance changes with the new transistor. Many transistors will give higher gain, but only with higher voltage. Think IMR 510. When you change anything in the final amp it should cause a change in output impedance. It's been a long, long time since I took my extra class exam, and I just don't remember the equations. I should look them up. 73

On Sat, Nov 23, 2013 at 9:07 AM, <ed@...> wrote:

>
>
> You guys should change the subject line of this thread (re: output
> transistors). When I first started reading this post, I thought the
> comments were about the AGC circuit mod. There should not be any comments
> that would lead anyone to think the AGC mod is anything other than a great
> improvement.
>
>
> Just my 2c.........
>
> Ed
>
> www.importcommunications.com
>
>
> ---In X1M_QRP-Transceiver@yahoogroups.com, <wkpres@...> wrote:
>
> As a circuit designer for a number of years, I would advice that you not
> expect too much from your modification. Such amplifier designs are
> usually structured so that the overall gain is more dependent of the values
> of the passive devices, like capacitors, inductor, and resister, rather
> than the parameters of the active devices. Active device parameters have
> much greater variability from device to device, which would make circuit
> behaviors much more variable - not a desirable characteristic.
>
>
>
> So, I suspect that you will not see much of a change when you install the
> "higher gain" device.
>
>
>
> Bill
>
> KK4KLU
>

>
> ---In x1m_qrp-transceiver@yahoogroups.com, <disklog@...> wrote:
>
> And here is the data for the RD06 that is currently in the radio:
> 7
> RD06HVF1 S-PARAMETER DATA (@Vdd=12.5V, Id=500mA)
> Freq.
> [MHz] (mag) (ang) (mag) (ang) (mag) (ang) (mag) (ang)
> 10 0.985 -18.8 34.407 165.9 0.008 76.2 0.826 -17.3
> 30 0.900 -50.4 30.427 143.3 0.021 59.4 0.767 -43.6
> 50 0.799 -74.4 24.979 126.1 0.029 43.2 0.677 -65.0
> 100 0.667 -109.6 15.565 100.7 0.032 27.3 0.547 -96.8
> 150 0.636 -129.0 10.953 85.1 0.032 23.1 0.523 -113.4
> 200 0.630 -140.1 8.194 73.7 0.029 25.3 0.528 -124.7
> 250 0.645 -148.2 6.528 63.9 0.027 34.5 0.561 -132.7
> 300 0.663 -155.0 5.315 55.2 0.027 49.1 0.588 -139.6
> 350 0.685 -160.7 4.437 47.4 0.031 61.8 0.622 -145.9
> 400 0.708 -165.9 3.771 39.9 0.039 71.0 0.657 -151.7
> 450 0.729 -170.8 3.233 33.2 0.048 75.8 0.686 -157.0
> 500 0.752 -175.4 2.826 26.8 0.059 77.9 0.715 -162.3
> 550 0.771 179.9 2.475 20.7 0.070 76.9 0.743 -167.6
> 600 0.789 175.4 2.186 15.2 0.083 76.1 0.763 -172.3
> 650 0.804 171.2 1.943 9.7 0.095 73.7 0.789 -177.3
> 700 0.819 166.9 1.738 4.6 0.108 71.0 0.804 178.1
> 750 0.834 162.6 1.560 0.0 0.120 68.1 0.820 173.5
> 800 0.842 158.5 1.410 -4.5 0.133 65.0 0.837 169.0
> 850 0.851 154.3 1.275 -8.7 0.145 61.6 0.847 164.8
> 900 0.859 150.3 1.160 -12.6 0.157 58.2 0.858 160.2
> 950 0.866 146.2 1.058 -16.9 0.167 54.5 0.869 155.7
> 1000 0.870 142.3 0.963 -20.0 0.179 51.0 0.876 151.8
> ----------
>
> On Fri, 11/22/13, ken fest <disklog@...> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Friday, November 22, 2013, 7:30 PM
>
> Is this data OK?
> RD16HHF1 S-PARAMETER DATA (@Vdd=12.5V, Id=800mA)
> Freq.
> [MHz] (mag) (ang) (mag) (ang) (mag) (ang) (mag) (ang)
> 10 0.928 -43.2 50.035 150.2 0.013 60.6 0.705 -44.6
> 30 0.761 -96.8 32.680 117.1 0.025 34.3 0.588 -92.6
> 50 0.676 -121.9 22.018 101.3 0.027 24.3 0.540 -116.9
> 100 0.650 -145.8 11.543 81.0 0.025 20.3 0.543 -138.4
> 150 0.679 -156.4 7.560 66.2 0.023 27.0 0.586 -147.1
> 200 0.709 -162.7 5.380 55.7 0.022 46.4 0.633 -153.2
> 250 0.742 -168.0 4.126 45.9 0.026 63.2 0.698 -158.1
> 300 0.775 -173.0 3.208 36.9 0.034 74.4 0.727 -163.2

> 350 0.801 -177.7 2.592 29.6 0.045 78.3 0.769 -168.0
> 400 0.826 177.7 2.133 22.6 0.056 78.4 0.805 -172.8
> 450 0.844 173.2 1.775 16.6 0.069 78.1 0.822 -176.8
> 500 0.861 169.0 1.509 11.3 0.081 75.3 0.851 178.9
> 550 0.874 164.8 1.283 5.9 0.093 73.1 0.867 174.7
> 600 0.884 160.7 1.114 2.1 0.104 69.8 0.877 170.9
> 650 0.892 156.9 0.974 -1.9 0.117 67.2 0.894 166.9
> 700 0.900 153.0 0.855 -5.3 0.129 63.7 0.897 163.4
> 750 0.903 149.1 0.759 -8.4 0.140 60.6 0.904 159.6
> 800 0.908 145.5 0.678 -11.3 0.150 56.8 0.914 155.9
> 850 0.912 141.7 0.614 -13.5 0.161 53.8 0.915 152.9
> 900 0.912 137.9 0.559 -15.3 0.172 50.4 0.917 149.0
> 950 0.913 134.3 0.509 -17.3 0.180 47.1 0.922 145.4
> 1000 0.913 130.7 0.467 -17.9 0.190 43.6 0.920 142.4
> --
> On Fri, 11/22/13, Dale Parfitt <parinc1@...>
> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Friday, November 22, 2013, 6:08 PM
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> It would be nice if

> the new device were a
> drop in replacement. Do you have S parameter data for
> each device so we can
> compare/contrast them?
>
> Dale W4OP
>
>
> ----- Original Message -----
>
> From:
> mikejmardis@...
>
> To: X1M_QRP-Transceiver@yahoogroups.com
>
>
> Sent: Friday,
> November 22, 2013 5:43
> PM
> Subject: Re:
> [X1M_QRP-Transceiver] AGC
> Board Pictures
>
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>
>
> Keep us updated
>
> Sent from my iPhone
>
> On Nov 22, 2013, at 17:18, ken fest <disklog@...>
> wrote:
>
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>
> I have calculated that the output
> should improve to 9
> watts or so, based
> on the additional 3db gain of the
> Rd16HHF1 mosfet,
> assuming the radio is
> already outputting 4.5 watts.
> Murphy's law says I will be wrong. We
> shall see.
> ---
> On Fri,
> 11/22/13, mikejmardis@...
>

> <mikejmardis@...>
>
> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
> To:
> "X1M_QRP-Transceiver@yahoogroups.com"
>
> <X1M_QRP-Transceiver@yahoogroups.com>
> Date:
> Friday, November 22, 2013, 2:51
> PM
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> For
> anyone who has the radio, are you
> able to adjust
> the output of the
> radio?Ken, what do you expect
> to get for output after your mod on the
> final?
>
> Sent from my iPhone
> On Nov 22, 2013, at 13:47, ken fest
> <disklog@...>
> wrote:
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>
> I
> too have assembled my AGC board and
> I am waiting
> for the radio to arrive.
> Today in the mail I received two
> RD16HH1 16 watt mosfet transistors. So I
> now have two mods
> to install, the AGC and the final swap. I also would
> like to
> incorporate a speech compression circuit INSIDE the radio
> but
> I need to explore that option after
> the radio gets
> here.
>
>
> Fun days
> ahead!!!!!
>
> ---
>
> On
> Fri, 11/22/13, petek@...
> <petek@...>
> wrote:
>
>
>
> Subject:
> [X1M_QRP-Transceiver] AGC Board

> Pictures
>
> To: X1M_QRP-Transceiver@yahoogroups.com
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> Date:
> Friday, November 22, 2013, 1:41
> PM
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> Hello
> group.
>
> I've posted two pictures of the AGC board
>
> that I
> assembled and a picture showing the
> size of the
>
> surface mount
> resistors.
>
> The board was quite easy to assemble - but I
> did
>
> have to wear two sets of reading glasses in order to
> see
> the
>
> parts! Took about a half-hour.
>
> A very big
> thanks to Dale W4OP for designing
> and
>
> making this kit available.
> I've got a x1m on
> order
>
> and this will be the first mod I'll
> make to the
>

> radio.
>
> Pete
> NU0D
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> No virus found in this
> message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus
> Database: 3629/6834 - Release Date:
> 11/13/13
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> Yahoo Groups Links
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> X1M_QRP-Transceiver-fullfeatured@...m
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2549. RE: Re: [X1M_QRP-Transceiver] RE: X1M SSB Spectrum

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-24 00:29:48 UTC
From: <lphebus@...>
Topic: 2543 Message: 2549

Thanks Dale, I'm an old scientist but a new ham... still learning.

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ The center of the X axis is 3700KHz- the frequency the X1M was set to. Everything above the center line is USB and below the center line is LSB- the proper mode for 80M.
I typically get reports of a lack of highs in my audio- and the plot shows a rolloff of highs. I was impressed by the opposite sideband attenuation.

Dale W4OP

----- Original Message -----
From: lphebus@... mailto:lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 6:57 PM
Subject: [X1M_QRP-Transceiver] RE: X1M SSB Spectrum

Dale, when you get a chance could you describe the graph as you might caption it? I get that the x-axis is frequency in the 80meter band and that each division is 1kHz. There is a peak with approx a 2kHz half height width looking to be between 3 and 5 kHz from the origin. The y axis is in dBm with a -30 dBm reference. Is this the opposite sideband? Thanks!

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

I posted a JPEG of the close in spectrum of the X1M on SSB to my Phoro Album. The opposite sideband rejection is excellent. Taken on an Agilent N1996A SA/SNA.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2550. RE: RE: Re: [X1M_QRP-Transceiver] AGC Board Pictures

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-24 00:34:52 UTC
From: Lee
Topic: 2511 Message: 2550

Is this about the AGC Board like the subject line says?

Lee - N9LO

Sent from my Windows PC, a real computer.

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of M_AND_R_SHAREF
Sent: Saturday, November 23, 2013 6:28 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: RE: Re: [X1M_QRP-Transceiver] AGC Board Pictures

Check to see if the output impedance changes with the new transistor. Many transistors will give higher gain, but only with higher voltage. Think IMR 510. When you change anything in the final amp it should cause a change in output impedance. It's been a long, long time since I took my extra class exam, and I just don't remember the equations. I should look them up. 73

On Sat, Nov 23, 2013 at 9:07 AM, <ed@...> wrote:

You guys should change the subject line of this thread (re: output transistors). When I first started reading this post, I thought the comments were about the AGC circuit mod. There should not be any comments that would lead anyone to think the AGC mod is anything other than a great improvement.

Just my 2c.....

Ed

www.importcommunications.com

---In X1M_QRP-Transceiver@yahoogroups.com, <wkpres@...> wrote:

As a circuit designer for a number of years, I would advice that you not expect too much from your modification. Such amplifier designs are usually structured so that the overall gain is more dependent of the values of the passive devices, like capacitors, inductor, and resister, rather than the parameters of the active devices. Active device parameters have much greater variability from device to device, which would make circuit behaviors much more variable - not a desirable characteristic.

So, I suspect that you will not see much of a change when you install the "higher gain" device.

Bill

KK4KLU

---In x1m_qrp-transceiver@yahoogroups.com, <disklog@...> wrote:

And here is the data for the RD06 that is currently in the radio:
7
RD06HVF1 S-PARAMETER DATA (@Vdd=12.5V, Id=500mA)
Freq.
[MHz] (mag) (ang) (mag) (ang) (mag) (ang) (mag) (ang)
10 0.985 -18.8 34.407 165.9 0.008 76.2 0.826 -17.3
30 0.900 -50.4 30.427 143.3 0.021 59.4 0.767 -43.6
50 0.799 -74.4 24.979 126.1 0.029 43.2 0.677 -65.0
100 0.667 -109.6 15.565 100.7 0.032 27.3 0.547 -96.8
150 0.636 -129.0 10.953 85.1 0.032 23.1 0.523 -113.4
200 0.630 -140.1 8.194 73.7 0.029 25.3 0.528 -124.7
250 0.645 -148.2 6.528 63.9 0.027 34.5 0.561 -132.7
300 0.663 -155.0 5.315 55.2 0.027 49.1 0.588 -139.6
350 0.685 -160.7 4.437 47.4 0.031 61.8 0.622 -145.9
400 0.708 -165.9 3.771 39.9 0.039 71.0 0.657 -151.7
450 0.729 -170.8 3.233 33.2 0.048 75.8 0.686 -157.0
500 0.752 -175.4 2.826 26.8 0.059 77.9 0.715 -162.3
550 0.771 179.9 2.475 20.7 0.070 76.9 0.743 -167.6
600 0.789 175.4 2.186 15.2 0.083 76.1 0.763 -172.3
650 0.804 171.2 1.943 9.7 0.095 73.7 0.789 -177.3
700 0.819 166.9 1.738 4.6 0.108 71.0 0.804 178.1
750 0.834 162.6 1.560 0.0 0.120 68.1 0.820 173.5
800 0.842 158.5 1.410 -4.5 0.133 65.0 0.837 169.0
850 0.851 154.3 1.275 -8.7 0.145 61.6 0.847 164.8
900 0.859 150.3 1.160 -12.6 0.157 58.2 0.858 160.2
950 0.866 146.2 1.058 -16.9 0.167 54.5 0.869 155.7
1000 0.870 142.3 0.963 -20.0 0.179 51.0 0.876 151.8

On Fri, 11/22/13, ken fest <disklog@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, November 22, 2013, 7:30 PM

Is this data OK?
RD16HHF1 S-PARAMETER DATA (@Vdd=12.5V, Id=800mA)
Freq.
[MHz] (mag) (ang) (mag) (ang) (mag) (ang) (mag) (ang)
10 0.928 -43.2 50.035 150.2 0.013 60.6 0.705 -44.6
30 0.761 -96.8 32.680 117.1 0.025 34.3 0.588 -92.6
50 0.676 -121.9 22.018 101.3 0.027 24.3 0.540 -116.9
100 0.650 -145.8 11.543 81.0 0.025 20.3 0.543 -138.4
150 0.679 -156.4 7.560 66.2 0.023 27.0 0.586 -147.1
200 0.709 -162.7 5.380 55.7 0.022 46.4 0.633 -153.2
250 0.742 -168.0 4.126 45.9 0.026 63.2 0.698 -158.1
300 0.775 -173.0 3.208 36.9 0.034 74.4 0.727 -163.2
350 0.801 -177.7 2.592 29.6 0.045 78.3 0.769 -168.0
400 0.826 177.7 2.133 22.6 0.056 78.4 0.805 -172.8
450 0.844 173.2 1.775 16.6 0.069 78.1 0.822 -176.8

500 0.861 169.0 1.509 11.3 0.081 75.3 0.851 178.9
550 0.874 164.8 1.283 5.9 0.093 73.1 0.867 174.7
600 0.884 160.7 1.114 2.1 0.104 69.8 0.877 170.9
650 0.892 156.9 0.974 -1.9 0.117 67.2 0.894 166.9
700 0.900 153.0 0.855 -5.3 0.129 63.7 0.897 163.4
750 0.903 149.1 0.759 -8.4 0.140 60.6 0.904 159.6
800 0.908 145.5 0.678 -11.3 0.150 56.8 0.914 155.9
850 0.912 141.7 0.614 -13.5 0.161 53.8 0.915 152.9
900 0.912 137.9 0.559 -15.3 0.172 50.4 0.917 149.0
950 0.913 134.3 0.509 -17.3 0.180 47.1 0.922 145.4
1000 0.913 130.7 0.467 -17.9 0.190 43.6 0.920 142.4

On Fri, 11/22/13, Dale Parfitt <parinc1@...>
wrote:

Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, November 22, 2013, 6:08 PM

It would be nice if
the new device were a
drop in replacement. Do you have S parameter data for
each device so we can
compare/contrast them?

Dale W4OP

----- Original Message -----

From:
mikejmardis@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
November 22, 2013 5:43
PM
Subject: Re:
[X1M_QRP-Transceiver] AGC
Board Pictures

Keep us updated

Sent from my iPhone

On Nov 22, 2013, at 17:18, ken fest <disklog@...>
wrote:

I have calculated that the output
should improve to 9
watts or so, based
on the additional 3db gain of the
Rd16HHF1 mosfet,

assuming the radio is
already outputting 4.5 watts.
Murphy's law says I will be wrong. We
shall see.

On Fri,
11/22/13, mikejmardis@...

<mikejmardis@...>

wrote:

Subject: Re: [X1M_QRP-Transceiver] AGC Board Pictures
To:
"X1M_QRP-Transceiver@yahoogroups.com"

<X1M_QRP-Transceiver@yahoogroups.com>
Date:
Friday, November 22, 2013, 2:51
PM

For
anyone who has the radio, are you
able to adjust
the output of the
radio?Ken, what do you expect
to get for output after your mod on the
final?

Sent from my iPhone
On Nov 22, 2013, at 13:47, ken fest
<disklog@...>
wrote:

I
too have assembled my AGC board and
I am waiting
for the radio to arrive.
Today in the mail I received two
RD16HH1 16 watt mosfet transistors. So I
now have two mods
to install, the AGC and the final swap. I also would
like to
incorporate a speech compression circuit INSIDE the radio
but
I need to explore that option after
the radio gets
here.

Fun days
ahead!!!!!

On
Fri, 11/22/13, petek@...
<petek@...>
wrote:

Subject:
[X1M_QRP-Transceiver] AGC Board
Pictures

To: X1M_QRP-Transceiver@yahoogroups.com

Date:
Friday, November 22, 2013, 1:41
PM

Hello
group.

I've posted two pictures of the AGC board

that I
assembled and a picture showing the
size of the

surface mount
resistors.

The board was quite easy to assemble - but I
did

have to wear two sets of reading glasses in order to
see
the

parts! Took about a half-hour.

A very big
thanks to Dale W4OP for designing
and

making this kit available.
I've got a x1m on
order

and this will be the first mod I'll
make to the

radio.

Pete
NU0D

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus
Database: 3629/6834 - Release Date:
11/13/13

Yahoo Groups Links

X1M_QRP-Transceiver-fullfeatured@yahoogroups.com

2551. RE: Firmware Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-24 00:40:34 UTC
From: <pezcat19@...>
Topic: 2457 Message: 2551

Thanks Ed,

I have just successfully updated to this latest firmware, but I found that I had to lower the port speed to 2400 / 57600 (from the default 2400 / 115200), as the software was freezing (crashing) at around 70% upload to the radio. All of the previous software updates had worked for me at the default 2400 / 115200.

So, all is well but I thought I would share this with the group in case anyone else has the same problem when attempting to update to this latest version.

73

Perrin VK3XPT

2552. RE: RE: Firmware Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-24 00:46:58 UTC
From: <lphebus@...>
Topic: 2457 Message: 2552

My experience was it loaded fine with the default values, no need to lower the baud rate.

---In X1M_QRP-Transceiver@yahoogroups.com, <pezcat19@...> wrote:

Thanks Ed,

I have just successfully updated to this latest firmware, but I found that I had to lower the port speed to 2400 / 57600 (from the default 2400 / 115200), as the software was freezing (crashing) at around 70% upload to the radio. All of the previous software updates had worked for me at the default 2400 / 115200.

So, all is well but I thought I would share this with the group in case anyone else has the same problem when attempting to update to this latest version.

73

Perrin VK3XPT

2553. Re: OK subject corrected: Replacement Final

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-24 00:52:59 UTC
From: ken fest
Topic: 2511 Message: 2553

According to the data sheets, both Mosfets are designed to operate at 12v, same pinout etc.
6 watt: http://www.alldatasheet.com/datasheet-pdf/pdf/132034/MITSUBISHI/RD06HVF1.html

16 watt http://www.alldatasheet.com/datasheet-pdf/pdf/197589/MITSUBISHI/RD16HHF1.html

Only time will tell if this might work. I will use my radio (When it arrives) as the test unit.
Ken

2554. Re: [X1M_QRP-Transceiver] Re: OK subject corrected: Replacement Final

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-24 00:58:39 UTC
From: M_AND_R_SHAREF
Topic: 2511   Message: 2554

Good luck and I can't wait to hear your results. 73

On Sat, Nov 23, 2013 at 7:52 PM, ken fest <disklog@...> wrote:

>
>
> According to the data sheets, both Mosfets are designed to operate at 12v,
> same pinout etc.
> 6 watt:
> http://www.alldatasheet.com/datasheet-pdf/pdf/132034/MITSUBISHI/RD06HVF1.html
>
> 16 watt
> http://www.alldatasheet.com/datasheet-pdf/pdf/197589/MITSUBISHI/RD16HHF1.html
>
> Only time will tell if this might work. I will use my radio (When it
> arrives) as the test unit.
> Ken
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2555. W4OP Scoe for sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-25 02:30:47 UTC
From: Dale Parfitt
Topic: 2555 Message: 2555

Hi Guys,

I bought a digital scope some time back when I began investigating the CW Keyer issues on the X1M.

Anyway, I have Kenwood 150MHz 4 channel scope with probe for sale.
Here's the only downside- the CH 1 vertical amp is non-functioning. The other three channels work fine. The scope has on screen readout of voltage step and sweep time. I can take a photo of anyone is interested. Model is a CS-6020.
No manual- but it is a standard scope- no surprises. $95 includes UPS shipping.
I see there is a service manual currently on eBay, but one should be able to just compare B channel voltages to A channel voltages and locate the bad part if you want all 4 channels working.
Tnx,

Dale W4OP
----- Original Message -----
From: ken fest
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 7:52 PM
Subject: [X1M_QRP-Transceiver] Re: OK subject corrected: Replacement Final

According to the data sheets, both Mosfets are designed to operate at 12v, same pinout etc.
6 watt: http://www.alldatasheet.com/datasheet-pdf/pdf/132034/MITSUBISHI/RD06HVF1.html

16 watt http://www.alldatasheet.com/datasheet-pdf/pdf/197589/MITSUBISHI/RD16HHF1.html

Only time will tell if this might work. I will use my radio (When it arrives) as the test unit.
Ken

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2556. RE: W4OP Scoe for sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-25 02:46:03 UTC
From: <lphebus@...>
Topic: 2555 Message: 2556

Dale, I'll take it. I will be out of town for thanksgiving but back a week from tomorrow. I'll be glad to paypal you or send a check. Please wait to ship until I'm sure to be home for delivery. Again, I plan to be back in Page, AZ (home) 12/2 to 12/3. We can work it out ;-)

Lee

KF7YRS

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

Hi Guys,

I bought a digital scope some time back when I began investigating the CW Keyer issues on the X1M.

Anyway, I have Kenwood 150MHz 4 channel scope with probe for sale.
Here's the only downside- the CH 1 vertical amp is non-functioning. The other three channels work fine. The scope has on screen readout of voltage step and sweep time. I can take a photo of anyone is interested. Model is a CS-6020.
No manual- but it is a standard scope- no surprises. $95 includes UPS shipping.
I see there is a service manual currently on eBay, but one should be able to just compare B channel voltages to A channel voltages and locate the bad part if you want all 4 channels working.
Tnx,

Dale W4OP
----- Original Message -----
From: ken fest mailto:disklog@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 7:52 PM
Subject: [X1M_QRP-Transceiver] Re: OK subject corrected: Replacement Final

According to the data sheets, both Mosfets are designed to operate at 12v, same pinout etc.
6 watt: http://www.alldatasheet.com/datasheet-pdf/pdf/132034/MITSUBISHI/RD06HVF1.html
http://www.alldatasheet.com/datasheet-pdf/pdf/132034/MITSUBISHI/RD06HVF1.html

16 watt http://www.alldatasheet.com/datasheet-pdf/pdf/197589/MITSUBISHI/RD16HHF1.html
http://www.alldatasheet.com/datasheet-pdf/pdf/197589/MITSUBISHI/RD16HHF1.html

Only time will tell if this might work. I will use my radio (When it arrives) as the test unit.
Ken

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2557. Re: [X1M_QRP-Transceiver] RE: W4OP Scoe for sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-25 02:52:15 UTC
From: Dale Parfitt
Topic: 2555 Message: 2557

Great Lee,
I was hoping someone in the group would get it.
I'll get her boxed up- may have a second probe too - and ready to ship when you give me the word.

If you can send a check, that would be great as I end up paying income tax on my PayPal account.

Dale Parfitt
P O BOX 645
Glenville, NC 28736

We're going out of town for Tday week also- so this will work out nicely.

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, November 24, 2013 9:46 PM
Subject: [X1M_QRP-Transceiver] RE: W4OP Scoe for sale

Dale, I'll take it. I will be out of town for thanksgiving but back a week from tomorrow. I'll be glad to paypal you or send a check. Please wait to ship until I'm sure to be home for delivery. Again, I plan to be back in Page, AZ (home) 12/2 to 12/3. We can work it out ;-)

Lee

KF7YRS

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

Hi Guys,

I bought a digital scope some time back when I began investigating the CW Keyer issues on the X1M.

Anyway, I have Kenwood 150MHz 4 channel scope with probe for sale.
Here's the only downside- the CH 1 vertical amp is non-functioning. The other three channels work fine. The scope has on screen readout of voltage step and sweep time. I can take a photo of anyone is interested. Model is a CS-6020.
No manual- but it is a standard scope- no surprises. $95 includes UPS shipping.
I see there is a service manual currently on eBay, but one should be able to just compare B channel voltages to A channel voltages and locate the bad part if you want all 4 channels working.
Tnx,

Dale W4OP
----- Original Message -----
From: ken fest
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 7:52 PM
Subject: [X1M_QRP-Transceiver] Re: OK subject corrected: Replacement Final

According to the data sheets, both Mosfets are designed to operate at 12v, same pinout etc.
6 watt: http://www.alldatasheet.com/datasheet-pdf/pdf/132034/MITSUBISHI/RD06HVF1.html

16 watt http://www.alldatasheet.com/datasheet-pdf/pdf/197589/MITSUBISHI/RD16HHF1.html

Only time will tell if this might work. I will use my radio (When it arrives) as the test unit.
Ken

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2558. RE: Re: [X1M_QRP-Transceiver] RE: W4OP Scoe for sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-25 03:14:28 UTC
From: <lphebus@...>
Topic: 2555 Message: 2558

Thanks Dale, I'll put the check in the mail tomorrow. My shipping address is on the check and in the attached note. I was looking for a better scope to upgrade my analytically instruments. This is perfect timing. You can send it when you return from your Tday week travels. I appreciate what I perceive as a great deal!

Thanks and safe travels,

Lee

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Great Lee,
I was hoping someone in the group would get it.
I'll get her boxed up- may have a second probe too - and ready to ship when you give me the word.

If you can send a check, that would be great as I end up paying income tax on my PayPal account.

Dale Parfitt
P O BOX 645
Glenville, NC 28736

We're going out of town for Tday week also- so this will work out nicely.

Dale W4OP
----- Original Message -----
From: lphebus@... mailto:lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, November 24, 2013 9:46 PM
Subject: [X1M_QRP-Transceiver] RE: W4OP Scoe for sale

Dale, I'll take it. I will be out of town for thanksgiving but back a week from tomorrow. I'll be glad to paypal you or send a check. Please wait to ship until I'm sure to be home for delivery. Again, I plan to be back in Page, AZ (home) 12/2 to 12/3. We can work it out ;-)

Lee

KF7YRS

---In X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

Hi Guys,

I bought a digital scope some time back when I began investigating the CW Keyer issues on the X1M.

Anyway, I have Kenwood 150MHz 4 channel scope with probe for sale.
Here's the only downside- the CH 1 vertical amp is non-functioning. The other three channels work fine. The scope has on screen readout of voltage step and sweep time. I can take a photo of anyone is interested. Model is a CS-6020.
No manual- but it is a standard scope- no surprises. $95 includes UPS shipping.
I see there is a service manual currently on eBay, but one should be able to just compare B channel voltages to A channel voltages and locate the bad part if you want all 4 channels working.
Tnx,

Dale W4OP
----- Original Message -----
From: ken fest mailto:disklog@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 23, 2013 7:52 PM
Subject: [X1M_QRP-Transceiver] Re: OK subject corrected: Replacement Final

According to the data sheets, both Mosfets are designed to operate at 12v, same pinout etc.
6 watt: http://www.alldatasheet.com/datasheet-pdf/pdf/132034/MITSUBISHI/RD06HVF1.html
http://www.alldatasheet.com/datasheet-pdf/pdf/132034/MITSUBISHI/RD06HVF1.html

16 watt http://www.alldatasheet.com/datasheet-pdf/pdf/197589/MITSUBISHI/RD16HHF1.html
http://www.alldatasheet.com/datasheet-pdf/pdf/197589/MITSUBISHI/RD16HHF1.html

Only time will tell if this might work. I will use my radio (When it arrives) as the test unit.
Ken

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2559. X1M P.A. Transistor and scope

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-25 03:16:51 UTC
From: Dale Parfitt
Topic: 2559 Message: 2559

First off, the scope has been sold- tnx.

For the guys looking into a different P.A. transistor- what is the best source you have found for the current MosFET? I have a radio here with a bad P.A.

73,

Dale W4OP

2560. Re: [X1M_QRP-Transceiver] X1M P.A. Transistor and scope

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-25 03:42:54 UTC
From: ken fest
Topic: 2559 Message: 2560

Dale,
The most reliable source for the 6 watt mosfet is RF parts @ $4.25 each.
The 16 watt mosfets are super fast from http://www.kitsandparts.com/parts.php They got them to me in 2 days, two for 10 bucks plus shipping.
Ken

On Sun, 11/24/13, Dale Parfitt <parinc1@...> wrote:

Subject: [X1M_QRP-Transceiver] X1M P.A. Transistor and scope
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Sunday, November 24, 2013, 10:16 PM

First off, the scope has
been sold-
tnx.

For the guys looking into a
different P.A.
transistor- what is the best source you have found for the
current MosFET? I
have a radio here with a bad P.A.

73,

Dale W4OP

2561. Re: [X1M_QRP-Transceiver] X1M P.A. Transistor and scope

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-25 03:54:03 UTC
From: Dale Parfitt
Topic: 2559 Message: 2561

Thanks Ken,
That was the source I found also.

Dale W4OP
----- Original Message -----
From: ken fest
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, November 24, 2013 10:42 PM
Subject: Re: [X1M_QRP-Transceiver] X1M P.A. Transistor and scope

Dale,
The most reliable source for the 6 watt mosfet is RF parts @ $4.25 each.
The 16 watt mosfets are super fast from http://www.kitsandparts.com/parts.php They got them to me in 2 days, two for 10 bucks plus shipping.
Ken

On Sun, 11/24/13, Dale Parfitt <parinc1@...m> wrote:

Subject: [X1M_QRP-Transceiver] X1M P.A. Transistor and scope
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Sunday, November 24, 2013, 10:16 PM

First off, the scope has
been sold-
tnx.

For the guys looking into a
different P.A.
transistor- what is the best source you have found for the
current MosFET? I
have a radio here with a bad P.A.

73,

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2562. Re: [X1M_QRP-Transceiver] RE: X1M and digimodes

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-25 14:36:29 UTC
From: Christian Hilgers
Topic: 2361 Message: 2562

Dear all,

thanks for your feedback here. I am new to all digimodes and PSK31 is a starting point I want to test.

Given these answers I have not yet decided which direction I will go for :)

Thanks and 73

Christian = DG7PC

2563. X1M Final Transistor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-25 22:00:33 UTC
From: <parinc1@...>
Topic: 2563 Message: 2563

I ordered 5 of the stock devices (to meet minimum) to fix a friends X1M. I hope I'll never need all five, so if anyone wants to stock a spare, let me know.

On a break this afternoon I have been working all over Europe on 40M CW with the X1M. Still getting a kick out of what the rig can do.

Dale W4OP

2564. Re: [X1M_QRP-Transceiver] X1M Final Transistor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-26 00:11:51 UTC
From: ken fest
Topic: 2563 Message: 2564

Dale,
I'll take a spare in case I ruin mine when I change out to the 16 watt device. Can I pay you paypal or would you rather a check?
Ken

On Mon, 11/25/13, parinc1@... <parinc1@...> wrote:

Subject: [X1M_QRP-Transceiver] X1M Final Transistor
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Monday, November 25, 2013, 5:00 PM

I ordered 5 of the stock devices (to meet minimum) to
fix a friends X1M. I hope I'll never need all five, so
if anyone wants to stock a spare, let me know.
On a break this afternoon I have been working all
over Europe on 40M CW with the X1M. Still getting a kick out
of what the rig can do.
Dale W4OP

2565. Re: [X1M_QRP-Transceiver] X1M Final Transistor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-26 00:22:43 UTC
From: Charlie , W5COV
Topic: 2563 Message: 2565

Put me down for 1 also Dale. Never know, I might need one with my
playing around and sure wouldn't need to order 5. Tell me how much and
I'll drop you a check in the mail.

Charlie, W5COV

On 11/25/2013 6:11 PM, ken fest wrote:
>
> Dale,
> I'll take a spare in case I ruin mine when I change out to the 16 watt
> device. Can I pay you paypal or would you rather a check?
> Ken
> --
> On Mon, 11/25/13, parinc1@... <parinc1@...> wrote:
>
> Subject: [X1M_QRP-Transceiver] X1M Final Transistor
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Monday, November 25, 2013, 5:00 PM
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> I ordered 5 of the stock devices (to meet minimum) to
> fix a friends X1M. I hope I'll never need all five, so
> if anyone wants to stock a spare, let me know.
> On a break this afternoon I have been working all
> over Europe on 40M CW with the X1M. Still getting a kick out
> of what the rig can do.
> Dale W4OP
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2566. RE: Firmware Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-26 01:20:37 UTC
From: <deadgoose@...>
Topic: 2457 Message: 2566

Kingfish Stevens comes from a character in the old Amos and Andy radio show.
Hm.............

See these:

http://www.imdb.com/character/ch0132680/quotes
http://www.imdb.com/character/ch0132680/quotes

73 /paul W3FIS

---In x1m_qrp-transceiver@yahoogroups.com, <ed@...> wrote:

The latest firmware update has been added to the Files Section.

This update changes the step of the RIT control and hopefully improves the CW operations.

This update is only for the X1M-Pro model. It will also work on the X1M models that have had their front panel upgraded.

73
Ed Griffin
Import Communications

2567. RE: [X1M_QRP-Transceiver] RE: Firmware Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-26 02:07:30 UTC
From: Lee
Topic: 2457 Message: 2567

Does Kingfish Stevens have a X1M also???

Lee – N9LO

Sent from my Windows PC, a real computer.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of deadgoose@comcast.net
Sent: Monday, November 25, 2013 7:21 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Firmware Update

Kingfish Stevens comes from a character in the old Amos and Andy radio show.
Hm.............

See these:

http://www.imdb.com/character/ch0132680/quotes

73 /paul W3FIS

---In x1m_qrp-transceiver@yahoogroups.com, <ed@...> wrote:

The latest firmware update has been added to the Files Section.

This update changes the step of the RIT control and hopefully improves the CW operations.

This update is only for the X1M-Pro model. It will also work on the X1M models that have had their front panel upgraded.

73
Ed Griffin
Import Communications

2568. RE: RE: Firmware Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-26 03:43:21 UTC
From: <ed@...>
Topic: 2457 Message: 2568

I remember the radio shows but the TV show is my all time favorite. Kingfish, my favorite character. I have all the episodes, watched one tonight.

Ed
aka Kingfish

---In X1M_QRP-Transceiver@yahoogroups.com, <deadgoose@...> wrote:

Kingfish Stevens comes from a character in the old Amos and Andy radio show.
Hm.............

See these:

http://www.imdb.com/character/ch0132680/quotes
http://www.imdb.com/character/ch0132680/quotes

73 /paul W3FIS

---In x1m_qrp-transceiver@yahoogroups.com, <ed@...> wrote:

The latest firmware update has been added to the Files Section.

This update changes the step of the RIT control and hopefully improves the CW operations.

This update is only for the X1M-Pro model. It will also work on the X1M models that have had their front panel upgraded.

73
Ed Griffin
Import Communications

2569. Re: [X1M_QRP-Transceiver] X1M Final Transistor

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-26 04:45:21 UTC
From: Dale Parfitt
Topic: 2563 Message: 2569

Hi Ken,
Just send a check for $5.
I will sell one more if anyone wants one. Better keep a spare here.

Dale W4OP
----- Original Message -----
From: ken fest
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, November 25, 2013 7:11 PM
Subject: Re: [X1M_QRP-Transceiver] X1M Final Transistor

Dale,
I'll take a spare in case I ruin mine when I change out to the 16 watt device. Can I pay you paypal or would you rather a check?
Ken

On Mon, 11/25/13, parinc1@... <parinc1@...> wrote:

Subject: [X1M_QRP-Transceiver] X1M Final Transistor
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Monday, November 25, 2013, 5:00 PM

I ordered 5 of the stock devices (to meet minimum) to
fix a friends X1M. I hope I'll never need all five, so
if anyone wants to stock a spare, let me know.
On a break this afternoon I have been working all
over Europe on 40M CW with the X1M. Still getting a kick out
of what the rig can do.
Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2570. X1M for fixed or portable use

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-26 08:34:41 UTC
From: Ian Coots
Topic: 2570 Message: 2570
Attachments: 1 described; binary payloads are missing from this source WARC

Hello all,

A while back, Charlie requested postings from anyone with ideas for using the X1M. I had an hour or so spare today so threw together a quick video of my project designed to allow me to quickly and easily switch the operation of my X1M from the shack to portable use.

Hopefully you can get the gist of it from the following link.

http://youtu.be/HEZuDXIIvUE

100%

73 de Ian VK3YIC

ausflag

2571. RE: [X1M_QRP-Transceiver] X1M for fixed or portable use

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-26 11:17:50 UTC
From: Gary Stephenson
Topic: 2570 Message: 2571
Attachments: 1 described; binary payloads are missing from this source WARC

I like the go box good job. WW8O Gary

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots
Sent: Tuesday, November 26, 2013 3:35 AM
To: x1m_qrp-transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M for fixed or portable use

Hello all,

A while back, Charlie requested postings from anyone with ideas for using the X1M. I had an hour or so spare today so threw together a quick video of my project designed to allow me to quickly and easily switch the operation of my X1M from the shack to portable use.

Hopefully you can get the gist of it from the following link.

http://youtu.be/HEZuDXIIvUE

100%

73 de Ian VK3YIC

2572. RE: [X1M_QRP-Transceiver] X1M for fixed or portable use

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-26 13:19:50 UTC
From: Fred VE3FAL
Topic: 2570 Message: 2572
Attachments: 1 described; binary payloads are missing from this source WARC

Yes great job for sure.

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Gary Stephenson
Sent: November 26, 2013 6:18 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] X1M for fixed or portable use

I like the go box good job. WW8O Gary

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots
Sent: Tuesday, November 26, 2013 3:35 AM
To: x1m_qrp-transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] X1M for fixed or portable use

Hello all,

A while back, Charlie requested postings from anyone with ideas for using
the X1M. I had an hour or so spare today so threw together a quick video of
my project designed to allow me to quickly and easily switch the operation
of my X1M from the shack to portable use.

Hopefully you can get the gist of it from the following link.

http://youtu.be/HEZuDXIIvUE

100%

73 de Ian VK3YIC

ausflag

2573. Re: Firmware Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-26 14:39:00 UTC
From: Paul W. Ross
Topic: 2457 Message: 2573

We are really getting off topic, but...

MANY years ago -- likely the early 1930s, before I was born (really!), my parents rented a small house in the suburbs of Niagara Falls (where I was born). Police officer comes to the door -- not sure what he was there for -- some disturbance in the neighborhood. Amos and Andy were on the radio, which was playing in the background. Police officer asks to come in -- stays through the show to listen with my parents, then goes on his way.

Beats donuts...

73 /paul W3FIS

2574. Re: X1M for fixed or portable use

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-26 14:41:39 UTC
From: Paul W. Ross
Topic: 2570 Message: 2574

That is NICE! A project for the winter!

73 /paul W3FIS

2575. Re: [X1M_QRP-Transceiver] Re: X1M for fixed or portable use

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-26 14:53:36 UTC
From: M_AND_R_SHAREF
Topic: 2570 Message: 2575

OT
Check out Radio_Jump_Kits on the yahoogroups.com

On Tue, Nov 26, 2013 at 9:41 AM, Paul W. Ross <deadgoose@...> wrote:

>
>
> That is NICE! A project for the winter!
>
> 73 /paul W3FIS
>
>

2576. Re: Dale, your address....

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-26 16:27:59 UTC
From: ken fest
Topic: 2563 Message: 2576

Dale,
I will send you the check for the transistor today. Is the PO Box in QRZ the correct address to mail it?
Ken

On Mon, 11/25/13, parinc1@... <parinc1@...> wrote:

Subject: [X1M_QRP-Transceiver] X1M Final Transistor
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Monday, November 25, 2013, 5:00 PM

I ordered 5 of the stock devices (to meet minimum) to
fix a friends X1M. I hope I'll never need all five, so
if anyone wants to stock a spare, let me know.
On a break this afternoon I have been working all
over Europe on 40M CW with the X1M. Still getting a kick out
of what the rig can do.
Dale W4OP

2577. Re: [X1M_QRP-Transceiver] Re: Dale, your address....

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-26 16:34:24 UTC
From: Dale Parfitt
Topic: 2563 Message: 2577

Correct Ken. I'll post them as soon as they arrive here.
Tnx,

Dale W4OP

----- Original Message -----
From: ken fest
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, November 26, 2013 11:27 AM
Subject: [X1M_QRP-Transceiver] Re: Dale, your address....

Dale,
I will send you the check for the transistor today. Is the PO Box in QRZ the correct address to mail it?
Ken

On Mon, 11/25/13, parinc1@... <parinc1@...> wrote:

Subject: [X1M_QRP-Transceiver] X1M Final Transistor
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Monday, November 25, 2013, 5:00 PM

I ordered 5 of the stock devices (to meet minimum) to
fix a friends X1M. I hope I'll never need all five, so
if anyone wants to stock a spare, let me know.
On a break this afternoon I have been working all
over Europe on 40M CW with the X1M. Still getting a kick out
of what the rig can do.
Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3629/6868 - Release Date: 11/26/13

2578. Is everything OK!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-28 21:24:08 UTC
From: <ianrob@...>
Topic: 2578 Message: 2578

Hmm! two days without an X1M email...just wondering if all is OK in the world or if there may be some electrons in trouble somewhere?
73 de Ian VK3YIC

2579. Re: [X1M_QRP-Transceiver] Is everything OK!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-28 21:36:36 UTC
From: Charlie , W5COV
Topic: 2578 Message: 2579

Today is the beginning of a big holiday weekend here in the USA.
Yesterday was our largest travel day of the year. Most are too full of
food today to find the radio room:)

Perhaps many waiting in anticipation of the arrival of the new shipment,
then I am quite sure it will once again be busy.

HAPPY THANKSGIVING TO ALL FROM THE STATES !!

Charlie, W5COV

On 11/28/2013 3:24 PM, ianrob@... wrote:
>
> Hmm! two days without an X1M email...just wondering if all is OK in
> the world or if there may be some electrons in trouble somewhere?
>
> 73 de Ian VK3YIC
>
>

2580. Re: [X1M_QRP-Transceiver] Is everything OK!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-28 22:18:57 UTC
From: Ian Coots
Topic: 2578 Message: 2580
Attachments: 1 described; binary payloads are missing from this source WARC

Being from down under I forgot. Happy Thanksgiving to you all.something we don't have here.

I always wish an ex work colleague Happy Independence day.she's been working in Aus now for over 10 years and says I'm the only one she gets a "happy 4th" from.

When I got my test I realised all was well in the world of electrons, so I hope everyone had a great and safe Thanksgiving.

73

Ian de VK3YIC

ausflag

2581. Re: [X1M_QRP-Transceiver] Is everything OK!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-28 23:25:09 UTC
From: mikejmardis@...
Topic: 2578 Message: 2581

Must have new radio!!!

Sent from my iPhone

> On Nov 28, 2013, at 16:36, "Charlie , W5COV" <cvest@...> wrote:
>
> Today is the beginning of a big holiday weekend here in the USA. Yesterday was our largest travel day of the year. Most are too full of food today to find the radio room:)
>
> Perhaps many waiting in anticipation of the arrival of the new shipment, then I am quite sure it will once again be busy.
>
> HAPPY THANKSGIVING TO ALL FROM THE STATES !!
>
> Charlie, W5COV
>
>
>> On 11/28/2013 3:24 PM, ianrob@... wrote:
>>
>> Hmm! two days without an X1M email...just wondering if all is OK in the world or if there may be some electrons in trouble somewhere?
>>
>> 73 de Ian VK3YIC
>>
>
>

2582. Re: [X1M_QRP-Transceiver] Is everything OK!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-28 23:42:29 UTC
From: ken fest
Topic: 2578 Message: 2582

The big question is.....Will I have my new X1M Pro before Christmas????? I hope, I hope, I hope!!
Ken

On Thu, 11/28/13, mikejmardis@... <mikejmardis@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] Is everything OK!
To: "X1M_QRP-Transceiver@yahoogroups.com" <X1M_QRP-Transceiver@yahoogroups.com>
Date: Thursday, November 28, 2013, 6:25 PM

Must have new radio!!!

Sent from my iPhone
On Nov 28, 2013, at 16:36, "Charlie , W5COV"
<cvest@...>
wrote:

Today is the beginning of a big holiday weekend here in
the USA.
Yesterday was our largest travel day of the year. Most
are too full
of food today to find the radio room:)

Perhaps many waiting in anticipation of the arrival of
the new
shipment, then I am quite sure it will once again be
busy.

HAPPY THANKSGIVING TO ALL FROM THE STATES !!

Charlie, W5COV

On
11/28/2013 3:24 PM,
ianrob@...
wrote:

Hmm! two days without an X1M email...just
wondering if
all is OK in the world or if there may
be some electrons
in trouble somewhere?
73 de Ian VK3YIC

2583. Charlie - Large print schematic

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-29 01:17:17 UTC
From: <r-mason@...>
Topic: 2583 Message: 2583

Charlie,
I have a 24" plotter and I'm printing a poster size edition of the schematic of the X1M for you. Is your address in QRZ a good mailing address?
Roger N4HSI

2584. Re: Variable RF output maybe???

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-29 01:51:38 UTC
From: ken fest
Topic: 2583 Message: 2584

Since we are fooling with schematics, maybe someone can look at page 7 of the schematic, the RF amplifier chain.
It appears to consist of three active devices. The first device is a UPC1678G amp chip. It is preceded by a 3db attenuator. I am guessing the previous stage is too hot and needs reduction to maintain linearity of this gain block. After the UPC1678G I see a .1db attenuator. I am guessing this is there to insure stability.
The next active device is a RD01MUS1 mosfet whose output is coupled to the final mosfet, RD06HVF1.
I wonder if some type of addition could be made anywhere in this amplifier chain to allow variable RF output power from an added pot on the rear panel. I have done similar things with bipolar transistors but I have not done it with mosfets. I have looked at mini circuits SMD variable attenuators but their insertion loss seems too high. Something reducing the 13V feed to the final might work and might also really upset that stage.
Has anyone attempted something like this in the past? I just think it would be a nice addition to be able to reduce the power output when desired.
Thanks for any help and suggestions.
Ken

On Thu, 11/28/13, r-mason@... <r-mason@...> wrote:

Subject: [X1M_QRP-Transceiver] Charlie - Large print schematic
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Thursday, November 28, 2013, 8:17 PM

Charlie,
I have a 24" plotter and I'm printing a poster size
edition of the schematic of the X1M for you. Is your
address in QRZ a good mailing address?
Roger N4HSI

2585. Re: [X1M_QRP-Transceiver] Charlie - Large print schematic

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-29 19:05:16 UTC
From: Charlie , W5COV
Topic: 2583 Message: 2585

Hi Roger,

I can't thank you enough. That will be a dream come true.

This is certainly a wonderful group.

Yes my address on QRZ is good. Small (Pop.792) rural town so we all have to have post office boxes to get our mail.

Charlie, W5COV

On 11/28/2013 7:17 PM, r-mason@... wrote:
>
> Charlie,
> I have a 24" plotter and I'm printing a poster size edition of the
> schematic of the X1M for you. Is your address in QRZ a good mailing
> address?
> Roger N4HSI
>
>

2586. Re: [X1M_QRP-Transceiver] Charlie - Large print schematic

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-29 20:00:33 UTC
From: r mason
Topic: 2583 Message: 2586

OK, will send you a note when it ships. Probably middle of the week.
Roger N4HSI

On 11/29/2013 2:05 PM, Charlie , W5COV wrote:
>
> Hi Roger,
>
> I can't thank you enough. That will be a dream come true.
>
> This is certainly a wonderful group.
>
> Yes my address on QRZ is good. Small (Pop.792) rural town so we all
> have to have post office boxes to get our mail.
>
> Charlie, W5COV
>
> On 11/28/2013 7:17 PM, r-mason@... wrote:
>>
>> Charlie,
>> I have a 24" plotter and I'm printing a poster size edition of the
>> schematic of the X1M for you. Is your address in QRZ a good mailing
>> address?
>> Roger N4HSI
>>
>
>

2587. RE: [X1M_QRP-Transceiver] Re: Walter Maxwell and the AGC Kit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-30 09:22:22 UTC
From: Ian Coots
Topic: 2351 Message: 2587
Attachments: 1 described; binary payloads are missing from this source WARC

G'day Dale,

While all you "northerners" have been relaxing with thanksgiving, I've been sweating it out over a hot (well warm anyway) soldering iron. assembling my very first SMD project.your AGC board.

Boy! those components are small when you have not done anything with them before.

I think everything went OK...all was smooth sailing until I couldn't find the 1M resistor labelled 1004.I did have a 105, and that sounded familiar, and a quick check with Dr Google revealed 105 and 1004 are both labels for 1M SMD resistors so all was OK.

Close examination under good light and high magnification reveals a board with components that look OK, with all joints appearing to be soldered correctly and no short circuits, however, as I'm about to head off for 2 weeks, and taking my X1M with me, I'm not feeling brave enough to mount the board in the radio.just in case.

I'll wait until I get back then I'll tackle that.

I just wanted to say thank you for your efforts in designing and supplying the kits and to let you know I really appreciate your efforts and for giving me the opportunity to learn something else new today.the world of DIY SMD.

73 de Ian VK3YIC

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Monday, 18 November 2013 2:36 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: Walter Maxwell and the AGC Kit

Thanks for the update Ian- did I get your name correct on the label? Just checking.

Dale W4OP

----- Original Message -----

From: Ian Coots <mailto:ianrob@...>

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Sunday, November 17, 2013 10:13 PM

Subject: [X1M_QRP-Transceiver] Re: Walter Maxwell and the AGC Kit

My Kit arrived in Oz today too. Thanks Dale.your work is greatly appreciated. Now to start my learning curve with SMD components

Regards,

Ian Coots (VK3YIC)

ausflag

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

2588. dx

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-30 23:21:21 UTC
From: <ww8o@...>
Topic: 2588 Message: 2588

I was working DX again today Washington State 1893.9 miles cube 1103.3
Mexico 1647.3 not to bad in 17.meter and 4.5 watt from 59 59 57 not bad. it has been a long time since I work qrp having fun.

WW8O Gary

2589. RE: [X1M_QRP-Transceiver] dx

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-11-30 23:23:46 UTC
From: Fred VE3FAL
Topic: 2588 Message: 2589

Good going Gary, nice to see…

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ww8o@...
Sent: November 30, 2013 6:21 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] dx

I was working DX again today Washington State 1893.9 miles cube 1103.3

Mexico 1647.3 not to bad in 17.meter and 4.5 watt from 59 59 57 not bad. it has been a long time since I work qrp having fun.

WW8O Gary

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2590. Re: [X1M_QRP-Transceiver] Re: Walter Maxwell and the AGC Kit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-01 00:05:05 UTC
From: Dale Parfitt
Topic: 2351 Message: 2590
Attachments: 1 described; binary payloads are missing from this source WARC

Great Ian,
We'll be looking forward to your results when you get back,

Dale W4OP
----- Original Message -----
From: Ian Coots
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, November 30, 2013 4:22 AM
Subject: RE: [X1M_QRP-Transceiver] Re: Walter Maxwell and the AGC Kit

G'day Dale,

While all you "northerners" have been relaxing with thanksgiving, I've been sweating it out over a hot (well warm anyway) soldering iron. assembling my very first SMD project.your AGC board.

Boy! those components are small when you have not done anything with them before.

I think everything went OK...all was smooth sailing until I couldn't find the 1M resistor labelled 1004.I did have a 105, and that sounded familiar, and a quick check with Dr Google revealed 105 and 1004 are both labels for 1M SMD resistors so all was OK.

Close examination under good light and high magnification reveals a board with components that look OK, with all joints appearing to be soldered correctly and no short circuits, however, as I'm about to head off for 2 weeks, and taking my X1M with me, I'm not feeling brave enough to mount the board in the radio.just in case.

I'll wait until I get back then I'll t ackle that.

I just wanted to say thank you for your efforts in designing and supplying the kits and to let you know I really appreciate your efforts and for giving me the opportunity to learn something else new today.the world of DIY SMD.

73 de Ian VK3YIC

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Monday, 18 November 2013 2:36 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: Walter Maxwell and the AGC Kit

Thanks for the update Ian- did I get your name correct on the label? Just checking.

Dale W4OP

----- Original Message -----

From: Ian Coots

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Sunday, November 17, 2013 10:13 PM

Subject: [X1M_QRP-Transceiver] Re: Walter Maxwell and the AGC Kit

< div>
My Kit arrived in Oz today too. Thanks Dale.your work is greatly appreciated. Now to start my learning curve with SMD components

Regards,

Ian Coots (VK3YIC)

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6834 - Release Date: 11/13/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3629/6871 - Release Date: 11/27/13

2591. The pot (trimmer) near the MC1350...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-01 23:25:18 UTC
From: <pezcat19@...>
Topic: 2591 Message: 2591

Hello all,

When I was installing my AGC board, I managed to bump the small pot (trimmer) next to pin 5 of the MC1350.

Can anyone tell me what this pot (trimmer) does? I know it moved, and I "think" I have placed it back to where I it was originally, however if anyone can shed any light on what this pot does would be great.

Cheers,

Perrin VK3XPT

2592. RE: The pot (trimmer) near the MC1350...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-01 23:30:21 UTC
From: <pezcat19@...>
Topic: 2591 Message: 2592

I just noticed we have a schematic in the files section... :)

Is that pot (trimmer) for setting the fixed AGC voltage on pin 5 of the MC1350? If so, then I suppose that now with the ACG mod installed, this pot does nothing??? (And I dont have to worry about the setting of this pot any more?)

If anyone can confirm or deny my theory, it wold be great!

Thanks again,

Perrin VK3XPT

---In X1M_QRP-Transceiver@yahoogroups.com, <pezcat19@...> wrote:

Hello all,

When I was installing my AGC board, I managed to bump the small pot (trimmer) next to pin 5 of the MC1350.

Can anyone tell me what this pot (trimmer) does? I know it moved, and I "think" I have placed it back to where I it was originally, however if anyone can shed any light on what this pot does would be great.

Cheers,

Perrin VK3XPT

2593. Re: [X1M_QRP-Transceiver] RE: The pot (trimmer) near the MC1350...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-01 23:39:39 UTC
From: Dale Parfitt
Topic: 2591 Message: 2593

Hi Perrin,
I assume you are referring to the pot that is on the X1M board? If so, then that is correct- it is no longer used. At least one builder removed it instead of lifting pin 5 on the MC1350.
Did you resolve your low audio issue?

Dale
----- Original Message -----
From: pezcat19@hotmail.com
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 01, 2013 6:30 PM
Subject: [X1M_QRP-Transceiver] RE: The pot (trimmer) near the MC1350...

I just noticed we have a schematic in the files section... :)

Is that pot (trimmer) for setting the fixed AGC voltage on pin 5 of the MC1350? If so, then I suppose that now with the ACG mod installed, this pot does nothing??? (And I dont have to worry about the setting of this pot any more?)

If anyone can confirm or deny my theory, it wold be great!

Thanks again,

Perrin VK3XPT

---In X1M_QRP-Transceiver@yahoogroups.com, <pezcat19@...> wrote:

Hello all,

When I was installing my AGC board, I managed to bump the small pot (trimmer) next to pin 5 of the MC1350.

Can anyone tell me what this pot (trimmer) does? I know it moved, and I "think" I have placed it back to where I it was originally, however if anyone can shed any light on what this pot does would be great.

Cheers,

Perrin VK3XPT

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3629/6883 - Release Date: 12/01/13

2594. RE: Re: [X1M_QRP-Transceiver] RE: The pot (trimmer) near the MC1350...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 01:20:45 UTC
From: <pezcat19@...>
Topic: 2591 Message: 2594

Thanks Dale!

That answers my question - thanks for your help! :)

The low audio issue still exists for me. The problem might be that I am used to an FT817, which has HEAPS of audio gain. I am not sure if my X1M is on the quiet side, or if it is normal with these rigs. For example, I did the MDS tests and found the same (excellent) results as others here. The problem is that is the audio output is SO low that headphones are really needed to hear weak signals. (RX gain seems OK - it seems to hear all the weak signals that my FT2000 does, but with an extremely low audio output)...

Another interesting point, is that a noisy band with s7 to s9 noise on the FT2000, is very quiet on my X1M. If using an antenna such as Mag Loop where you need to tune for maximum RX noise before 'fine tuning' on TX, is almost impossible, as the X1M makes so little noise! (This is a good and bad feature - I guess!)

Perhaps I need to meet up with another X1M owner to do some comparisons... Until then, I still enjoy this little radio and it constantly receives excellent on-air reports :)

Cheers,

Perrin VK3XPT

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Hi Perrin,
I assume you are referring to the pot that is on the X1M board? If so, then that is correct- it is no longer used. At least one builder removed it instead of lifting pin 5 on the MC1350.
Did you resolve your low audio issue?

Dale

2595. Re: Re: [X1M_QRP-Transceiver] RE: The pot (trimmer) near the MC1350...

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 01:39:09 UTC
From: Dale Parfitt
Topic: 2591 Message: 2595

Hi Perrin,
Did you confirm that the AF mod did indeed yield the expected +12dB of gain?
Now, I use full size antennas and Yagis on all bands so there is lots of signal, but I rarely run my AF Gain control past 12 o'clock or so and only use the preamp on 20M and up.

I am redoing the manual a bit with photos of the AF mod and having builders first confirm that they did the mod correctly before going on to the AGC installation.

Also, try turning the AGC pot down to zero V. My thinking here is that perhaps some 1350's need less voltage to run wide open. My ARK-40 rig (mid 1990 vintage) has its 1350 Pin 5 set at just over 5VDC for no signal. If we did that on the X1M, the radio would be dead quiet except to S9+60dB signals.

Maybe someone can correct me but I don't think 1350's are any longer being made in the U.S. So perhaps some of the specs have changed on overseas manufacturers? If you look at the gain vs AGC voltage on the front page of the AGC manual, you will see that gain reduction in the 1350 does not begin until 5VDC. On the three AGC mods I have done to the X1M, gain reduction begins at about 4.2VDC. Pin 5 is actually a current controlled pin but the voltage translates directly. Something has definitely changed.

All modern rigs have a front end noise figure that is so low that the limiting factor on noise is ALWAYS manmade nosie, galactic noise and atmospheric noise. One can easily prove this by removing the antenna from your rig while listening to an unused frequency on the HF bands. If the nosie does not drop, something is very wrong with the radio. So, the reason your X1M sounds quiet is low system gain, not anything to do with internal noise.
We need to find out why your gain is so low.

Dale W4OP

----- Original Message -----
From: pezcat19@hotmail.com
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 01, 2013 8:20 PM
Subject: RE: Re: [X1M_QRP-Transceiver] RE: The pot (trimmer) near the MC1350...

Thanks Dale!

That answers my question - thanks for your help! :)

The low audio issue still exists for me. The problem might be that I am used to an FT817, which has HEAPS of audio gain. I am not sure if my X1M is on the quiet side, or if it is normal with these rigs. For example, I did the MDS tests and found the same (excellent) results as others here. The problem is that is the audio output is SO low that headphones are really needed to hear weak signals. (RX gain seems OK - it seems to hear all the weak signals that my FT2000 does, but with an extremely low audio output)...

Another interesting point, is that a noisy band with s7 to s9 noise on the FT2000, is very quiet on my X1M. If using an antenna such as Mag Loop where you need to tune for maximum RX noise before 'fine tuning' on TX, is almost impossible, as the X1M makes so little noise! (This is a good and bad feature - I guess!)

Perhaps I need to meet up with another X1M owner to do some comparisons... Until then, I still enjoy this little radio and it constantly receives excellent on-air reports :)

Cheers,

Perrin VK3XPT

---In X1M_QRP-Transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Hi Perrin,
I assume you are referring to the pot that is on the X1M board? If so, then that is correct- it is no longer used. At least one builder removed it instead of lifting pin 5 on the MC1350.
Did you resolve your low audio issue?

Dale

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3629/6883 - Release Date: 12/01/13

2596. X1M Pro all bands spectrum

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 18:21:36 UTC
From: <radiofrecuencia2013@...>
Topic: 2596 Message: 2596

Hello everyone!
I just upload in the "Mods and Reviews" files the "X1M Pro all bands spectrum".

All bands spectrum from 160 to 10 meters.

I hope it's helpful.

73
Salvador

2597. RE: X1M Pro all bands spectrum

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 18:38:15 UTC
From: <bastress@...>
Topic: 2596 Message: 2597

GA Salvador,

Where did you put them? I have just looked all over the user's group site and don't see them any where.

Dave K3GAU

---In X1M_QRP-Transceiver@yahoogroups.com, <radiofrecuencia2013@...> wrote:

Hello everyone!
I just upload in the "Mods and Reviews" files the "X1M Pro all bands spectrum".

All bands spectrum from 160 to 10 meters.

I hope it's helpful.

73
Salvador

2598. Build a stand for your X1M out of DVD Case :-)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 18:49:07 UTC
From: rickmac06@frontier.com
Topic: 2598 Message: 2598

Hi Everyone, Checkout the stand that I made for my X1M made from a DVD Case. There is a pic of it in the photo's section (John's Case). Wish that I could take credit for it's design. The credit goes to KR1ST. He build one for his FT817 but it works great for my X1M. Detailed instructions are on his site: http://www.kr1st.com/ft817stand.htm

I used hot glue to make mine very solid but without glue it folds up for mobile operation. Best of all it is easy to build and cheap.

Regards, John KC9YAW AKA Rick.

2599. RE: X1M Pro all bands spectrum

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 18:49:45 UTC
From: <bastress@...>
Topic: 2596 Message: 2599

GA Again Salvador,

After going back and looking again I did find the spectrum plots.

Thanks for your efforts and sharing the results.

Dave K3GAU

---In X1M_QRP-Transceiver@yahoogroups.com, <radiofrecuencia2013@...> wrote:

Hello everyone!
I just upload in the "Mods and Reviews" files the "X1M Pro all bands spectrum".

All bands spectrum from 160 to 10 meters.

I hope it's helpful.

73
Salvador

2600. Re: [X1M_QRP-Transceiver] X1M Pro all bands spectrum

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 18:56:46 UTC
From: Dale Parfitt
Topic: 2596 Message: 2600

Very nice presentation Slavador. 17M does indeed look bad. Is it possible to span say only 1 or 2MHz so we can see what is going on close in? Do you think it is possible that the PA is oscillating on 17M? The spikes below 18MHz are suspicious.

Dale W4OP

----- Original Message -----
From: radiofrecuencia2013@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 02, 2013 1:21 PM
Subject: [X1M_QRP-Transceiver] X1M Pro all bands spectrum

Hello everyone!
I just upload in the "Mods and Reviews" files the "X1M Pro all bands spectrum".

All bands spectrum from 160 to 10 meters.

I hope it's helpful.

73
Salvador

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3629/6884 - Release Date: 12/02/13

2601. RE: [X1M_QRP-Transceiver] Build a stand for your X1M out of DVD Case :-)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 19:06:14 UTC
From: Lee
Topic: 2598 Message: 2601

Good job using your head to re-purpose and item usually thrown in the garbage. Looks nice too.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of rickmac06@...
Sent: Monday, December 02, 2013 12:49 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Build a stand for your X1M out of DVD Case :-)

Hi Everyone, Checkout the stand that I made for my X1M made from a DVD Case. There is a pic of it in the photo's section (John's Case). Wish that I could take credit for it's design. The credit goes to KR1ST. He build one for his FT817 but it works great for my X1M. Detailed instructions are on his site: http://www.kr1st.com/ft817stand.htm

I used hot glue to make mine very solid but without glue it folds up for mobile operation. Best of all it is easy to build and cheap.

Regards, John KC9YAW AKA Rick.

2602. Re: [X1M_QRP-Transceiver] Build a stand for your X1M out of DVD Case :-)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 19:17:23 UTC
From: Charlie , W5COV
Topic: 2598 Message: 2602

Very neat ham ingenuity and a useful cheap addition to the X1M and other small rigs.
Thanks for sharing Rick.

Charlie, W5COV

On 12/2/2013 1:06 PM, Lee wrote:
>
> Good job using your head to re-purpose and item usually thrown in the
> garbage. Looks nice too.
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of
> *rickmac06@...
> *Sent:* Monday, December 02, 2013 12:49 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] Build a stand for your X1M out of DVD
> Case :-)
>
> Hi Everyone, Checkout the stand that I made for my X1M made from a DVD
> Case. There is a pic of it in the photo's section (John's Case). Wish
> that I could take credit for it's design. The credit goes to KR1ST. He
> build one for his FT817 but it works great for my X1M. Detailed
> instructions are on his site: http://www.kr1st.com/ft817stand.htm
>
> I used hot glue to make mine very solid but without glue it folds up
> for mobile operation. Best of all it is easy to build and cheap.
>
> Regards, John KC9YAW AKA Rick.
>
>

2603. Re: Build a stand for your X1M out of DVD Case :-)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 19:35:05 UTC
From: rickmac06@frontier.com
Topic: 2598 Message: 2603

Forgot to mention that I used some double sided scotch tape on the underside of the radio to keep it from sliding around. Regards to the group, Rick.

2604. RE: Build a stand for your X1M out of DVD Case :-)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 19:48:19 UTC
From: <mikejmardis@...>
Topic: 2598 Message: 2604

I'm going to try this with an xbox game case. They are more durable. I'll take pics and let you know how I make out. Now all I need is for my radio to come in.

2605. Looks Familiar- receiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 19:53:07 UTC
From: <mikejmardis@...>
Topic: 2605 Message: 2605

Check out what I found today looking around for receivers. http://www.commradio.com/cr-1-communications-receiver/ Not a bad price. They have some video on how to use it. I wasn't able to find any independent reviews though.

2606. Re: [X1M_QRP-Transceiver] X1M Pro all bands spectrum

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 20:34:14 UTC
From: Salvador Gonzalez
Topic: 2596 Message: 2606

Yes Dale. When I'll have time. I will investigate occurs near than 18MHz ¿?

Salvador

El Lunes 2 de diciembre de 2013 19:56, Dale Parfitt <parinc1@...> escribió:

☐
Very nice presentation Slavador. 17M does indeed
look bad. Is it possible to span say only 1 or 2MHz so we can see what is going
on close in? Do you think it is possible that the PA is oscillating on 17M? The
spikes below 18MHz are suspicious.

Dale W4OP

----- Original Message -----
>From: radiofrecuencia2013@...
>To: X1M_QRP-Transceiver@yahoogroups.com
>Sent: Monday, December 02, 2013 1:21 PM
>Subject: [X1M_QRP-Transceiver] X1M Pro all bands spectrum
>
>
>Hello everyone!
>I just upload in the "Mods and Reviews" files the "X1M Pro all bands spectrum".
>
>All bands spectrum from 160 to 10 meters.
>
>I hope it's helpful.
>
>
>73
>Salvador
>No virus found in this message.
>Checked by AVG - www.avg.com
>Version: 2014.0.4259 / Virus
Database: 3629/6884 - Release Date: 12/02/13

2607. Re: [X1M_QRP-Transceiver] Looks Familiar- receiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 20:38:34 UTC
From: Dale Parfitt
Topic: 2605 Message: 2607

I think we all had high aspirations for this RX when it was first announced last year . Many bugs existed- no S meter, no FM etc. It still is I believe deaf on VHF. But the designer has worked out some issues. You will find a discussion of it in the SWL section of eHam forums. For now, I think I would steer clear.

Dale W4OP

----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 02, 2013 2:53 PM
Subject: [X1M_QRP-Transceiver] Looks Familiar- receiver

Check out what I found today looking around for receivers.
http://www.commradio.com/cr-1-communications-receiver/ Not a bad price. They have some video on how to use it. I wasn't able to find any independent reviews though.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3629/6884 - Release Date: 12/02/13

2608. Re: [X1M_QRP-Transceiver] X1M Pro all bands spectrum

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 20:49:31 UTC
From: Bastress, David G
Topic: 2596 Message: 2608

GA Salvador,

While you are looking around 18 MHz. for Dale could you possibly see what
the spectrum looks like around 5.35 MHz which is our 60 meter amateur band?

Thanks.

Dave K3GAU

On Mon, Dec 2, 2013 at 3:34 PM, Salvador Gonzalez <
radiofrecuencia2013@...> wrote:

>
>
> Yes Dale. When I'll have time. I will investigate occurs near than 18MHz
> ¿?
>
> Salvador
>
>
> El Lunes 2 de diciembre de 2013 19:56, Dale Parfitt <
> parinc1@frontier.com> escribió:
>
>
> Very nice presentation Slavador. 17M does indeed look bad. Is it possible
> to span say only 1 or 2MHz so we can see what is going on close in? Do you
> think it is possible that the PA is oscillating on 17M? The spikes below
> 18MHz are suspicious.
>
> Dale W4OP
>
>
> ----- Original Message -----
> *From:* radiofrecuencia2013@...
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Monday, December 02, 2013 1:21 PM
> *Subject:* [X1M_QRP-Transceiver] X1M Pro all bands spectrum
>
>
> Hello everyone!
> I just upload in the "Mods and Reviews" files the "X1M Pro all bands
> spectrum".
> All bands spectrum from 160 to 10 meters.
> I hope it's helpful.
>
> 73

> Salvador
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus Database: 3629/6884 - Release Date: 12/02/13
>
>
>
>
>

2609. Re: [X1M_QRP-Transceiver] Looks Familiar- receiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 21:03:08 UTC
From: mikejmardis@...
Topic: 2605 Message: 2609

Thank you for your input. I will def heed your advice.

Sent from my iPhone

> On Dec 2, 2013, at 15:38, "Dale Parfitt" <parinc1@...> wrote:
>
> □
>
> I think we all had high aspirations for this RX when it was first announced last year . Many bugs existed- no S meter, no FM etc. It still is I believe deaf on VHF. But the designer has worked out some issues. You will find a discussion of it in the SWL section of eHam forums. For now, I think I would steer clear.
>
> Dale W4OP
>
>
> ----- Original Message -----
> From: mikejmardis@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Monday, December 02, 2013 2:53 PM
> Subject: [X1M_QRP-Transceiver] Looks Familiar- receiver
>
>
> Check out what I found today looking around for receivers.
http://www.commradio.com/cr-1-communications-receiver/ Not a bad price. They have some video on how to use it. I wasn't able to find any independent reviews though.
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> No virus found in this message.
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> Version: 2014.0.4259 / Virus Database: 3629/6884 - Release Date: 12/02/13
>
>

2610. Re: [X1M_QRP-Transceiver] Looks Familiar- receiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 21:16:38 UTC
From: Charlie , W5COV
Topic: 2605 Message: 2610

Mike, if you have an interest in building and experimenting with something pretty similar, there was an article in January 2013 QST on a receiver built from a cheap and readily available on eBay dongle. It also included the plans for an up converter board for the ham bands.

I tossed their up converter over the fence and built a decent one for a friend. He plays with it all of the time and they even have an app to use it as a scanner. He just loves to use it. I have another one here, but SDR is low on my build list right now. Actually I had trouble getting all of the software properly loaded, but that was a problem with me alone, that I often have. My friend is a ham and just retired as a system analyst and had zero problems with it. One day I will get back to it when I have time to see what I am doing wrong with the software.

Charlie, W5COV

On 12/2/2013 3:03 PM, mikejmardis@... wrote:
> Thank you for your input. I will def heed your advice.
>
> Sent from my iPhone
>
> On Dec 2, 2013, at 15:38, "Dale Parfitt" <parinc1@...
> <mailto:parinc1@...>> wrote:
>
>> □
>>
>> I think we all had high aspirations for this RX when it was first
>> announced last year . Many bugs existed- no S meter, no FM etc. It
>> still is I believe deaf on VHF. But the designer has worked out some
>> issues. You will find a discussion of it in the SWL section of eHam
>> forums. For now, I think I would steer clear.
>> Dale W4OP
>>
>> ----- Original Message -----
>> *From:* mikejmardis@... <mailto:mikejmardis@...>
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>> *Sent:* Monday, December 02, 2013 2:53 PM
>> *Subject:* [X1M_QRP-Transceiver] Looks Familiar- receiver
>>
>> Check out what I found today looking around for receivers.
>> http://www.commradio.com/cr-1-communications-receiver/ Not a bad
>> price. They have some video on how to use it. I wasn't able to
>> find any independent reviews though.
>>

>> No virus found in this message.
>> Checked by AVG - www.avg.com <http://www.avg.com>
>> Version: 2014.0.4259 / Virus Database: 3629/6884 - Release Date:
>> 12/02/13
>>
>

2611. Re: [X1M_QRP-Transceiver] Looks Familiar- receiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 21:56:53 UTC
From: mikejmardis@...
Topic: 2605 Message: 2611

Do you happen to remember what month Charlie. Thanks for the heads up.
I don't mind doing the soldering and mechanical part of a build. But, I couldn't do it from a schematic. I would need pretty blunt instructions.

Sent from my iPhone

> On Dec 2, 2013, at 16:16, "Charlie , W5COV" <cvest@...> wrote:
>
> Mike, if you have an interest in building and experimenting with something pretty similar, there was an article in January 2013 QST on a receiver built from a cheap and readily available on eBay dongle. It also included the plans for an up converter board for the ham bands.
>
> I tossed their up converter over the fence and built a decent one for a friend. He plays with it all of the time and they even have an app to use it as a scanner. He just loves to use it. I have another one here, but SDR is low on my build list right now. Actually I had trouble getting all of the software properly loaded, but that was a problem with me alone, that I often have. My friend is a ham and just retired as a system analyst and had zero problems with it. One day I will get back to it when I have time to see what I am doing wrong with the software.
>
> Charlie, W5COV
>
>> On 12/2/2013 3:03 PM, mikejmardis@... wrote:
>>
>> Thank you for your input. I will def heed your advice.
>>
>> Sent from my iPhone
>>
>> On Dec 2, 2013, at 15:38, "Dale Parfitt" <parinc1@...> wrote:
>>
>>>
>>> □
>>>
>>> I think we all had high aspirations for this RX when it was first announced last year . Many bugs existed- no S meter, no FM etc. It still is I believe deaf on VHF. But the designer has worked out some issues. You will find a discussion of it in the SWL section of eHam forums. For now, I think I would steer clear.
>>>
>>> Dale W4OP
>>>
>>>
>>> ----- Original Message -----
>>> From: mikejmardis@...
>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>> Sent: Monday, December 02, 2013 2:53 PM
>>> Subject: [X1M_QRP-Transceiver] Looks Familiar- receiver
>>>
>>>

>>> Check out what I found today looking around for receivers.
http://www.commradio.com/cr-1-communications-receiver/ Not a bad price. They have some video on how to use it. I wasn't able to find any independent reviews though.
>>>
>>> No virus found in this message.
>>> Checked by AVG - www.avg.com
>>> Version: 2014.0.4259 / Virus Database: 3629/6884 - Release Date: 12/02/13
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>
>

2612. Re: [X1M_QRP-Transceiver] Looks Familiar- receiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 22:15:20 UTC
From: Charlie , W5COV
Topic: 2605 Message: 2612

Mike it was January 2013 . The VHF/UHF portion requires no soldering to make it work. FAR circuits does sell a board for the upconverter , the quality is not high, but pretty simple. I don't think you would have a problem with it, but if you do just holler at me and I can help you out on any building part. My only problem with this particular project was software only, and that is due to myself completely, with my memory issues from my brain damage, plus not working in the computer and electronics field daily, I am far from current on state of the art, especially computers and software.

Charlie, W5COV

On 12/2/2013 3:56 PM, mikejmardis@... wrote:
> Do you happen to remember what month Charlie. Thanks for the heads up.
> I don't mind doing the soldering and mechanical part of a build. But,
> I couldn't do it from a schematic. I would need pretty blunt
> instructions.
>
> Sent from my iPhone
>
> On Dec 2, 2013, at 16:16, "Charlie , W5COV" <cvest@...
> <mailto:cvest@...>> wrote:
>
>> Mike, if you have an interest in building and experimenting with
>> something pretty similar, there was an article in January 2013 QST on
>> a receiver built from a cheap and readily available on eBay dongle.
>> It also included the plans for an up converter board for the ham bands.
>>
>> I tossed their up converter over the fence and built a decent one for
>> a friend. He plays with it all of the time and they even have an app
>> to use it as a scanner. He just loves to use it. I have another one
>> here, but SDR is low on my build list right now. Actually I had
>> trouble getting all of the software properly loaded, but that was a
>> problem with me alone, that I often have. My friend is a ham and just
>> retired as a system analyst and had zero problems with it. One day I
>> will get back to it when I have time to see what I am doing wrong
>> with the software.
>>
>> Charlie, W5COV
>>
>> On 12/2/2013 3:03 PM, mikejmardis@... wrote:
>>> Thank you for your input. I will def heed your advice.
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>>> Sent from my iPhone
>>>

>>> On Dec 2, 2013, at 15:38, "Dale Parfitt" <parinc1@...
>>> <mailto:parinc1@...>> wrote:
>>>
>>>> □
>>>>
>>>> I think we all had high aspirations for this RX when it was first
>>>> announced last year . Many bugs existed- no S meter, no FM etc. It
>>>> still is I believe deaf on VHF. But the designer has worked out
>>>> some issues. You will find a discussion of it in the SWL section of
>>>> eHam forums. For now, I think I would steer clear.
>>>> Dale W4OP
>>>>
>>>> ----- Original Message -----
>>>> *From:* mikejmardis@... <mailto:mikejmardis@...>
>>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>>>> *Sent:* Monday, December 02, 2013 2:53 PM
>>>> *Subject:* [X1M_QRP-Transceiver] Looks Familiar- receiver
>>>>
>>>> Check out what I found today looking around for receivers.
>>>> http://www.commradio.com/cr-1-communications-receiver/ Not a
>>>> bad price. They have some video on how to use it. I wasn't able
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>>
>

2613. Re: [X1M_QRP-Transceiver] Looks Familiar- receiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 22:45:02 UTC
From: mikejmardis@...
Topic: 2605 Message: 2613

Thank you Charlie. What I'm looking for is a lf/mf/hf receiver with SSB as well as AM. Maybe some decent filtering. Your basic SWL receiver with SSB. A kit would be great. But they tend to be too narrow in coverage.
Do you have any suggestions?
Cheap is good too.

Sent from my iPhone

> On Dec 2, 2013, at 17:15, "Charlie , W5COV" <cvest@...> wrote:
>
> Mike it was January 2013 . The VHF/UHF portion requires no soldering to make it work. FAR circuits does sell a board for the upconverter , the quality is not high, but pretty simple. I don't think you would have a problem with it, but if you do just holler at me and I can help you out on any building part. My only problem with this particular project was software only, and that is due to myself completely, with my memory issues from my brain damage, plus not working in the computer and electronics field daily, I am far from current on state of the art, especially computers and software.
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>>
>> Sent from my iPhone
>>
>> On Dec 2, 2013, at 16:16, "Charlie , W5COV" <cvest@cox.net> wrote:
>>
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>>>>
>>>> Sent from my iPhone
>>>>
>>>> On Dec 2, 2013, at 15:38, "Dale Parfitt" <parinc1@frontier.com> wrote:
>>>>
>>>>>
>>>>> □
>>>>>
>>>>> I think we all had high aspirations for this RX when it was first announced last year . Many bugs existed- no S meter, no FM etc. It still is I believe deaf on VHF. But the designer has worked out some issues. You will find a discussion of it in the SWL section of eHam forums. For now, I think I would steer clear.
>>>>>
>>>>> Dale W4OP
>>>>>
>>>>>
>>>>> ----- Original Message -----
>>>>> From: mikejmardis@...
>>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>>> Sent: Monday, December 02, 2013 2:53 PM
>>>>> Subject: [X1M_QRP-Transceiver] Looks Familiar- receiver
>>>>>
>>>>>
>>>>> Check out what I found today looking around for receivers.
http://www.commradio.com/cr-1-communications-receiver/ Not a bad price. They have some video on how to use it. I wasn't able to find any independent reviews though.
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>
>

2614. Re: [X1M_QRP-Transceiver] Looks Familiar- receiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 23:01:28 UTC
From: Dale Parfitt
Topic: 2605 Message: 2614

Although they are a bit pricey, the Lowe HF-150 is a fabulous RX. The AM sync detection is second only to my K3. Built like a tank. Internal batteries and internal built in whip preamp. I have backlit mine and use it nightly and on all vacations. The Grundig's, Tecsun's etc look like toys compared to the 150. Very simple to operate and great audio.

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 02, 2013 5:45 PM
Subject: Re: [X1M_QRP-Transceiver] Looks Familiar- receiver

Thank you Charlie. What I'm looking for is a lf/mf/hf receiver with SSB as well as AM. Maybe some decent filtering. Your basic SWL receiver with SSB. A kit would be great. But they tend to be too narrow in coverage.
Do you have any suggestions?
Cheap is good too.

Sent from my iPhone

On Dec 2, 2013, at 17:15, "Charlie , W5COV" <cvest@...> wrote:

Mike it was January 2013 . The VHF/UHF portion requires no soldering to make it work. FAR circuits does sell a board for the upconverter , the quality is not high, but pretty simple. I don't think you would have a problem with it, but if you do just holler at me and I can help you out on any building part. My only problem with this particular project was software only, and that is due to myself completely, with my memory issues from my brain damage, plus not working in the computer and electronics field daily, I am far from current on state of the art, especially computers and software.

Charlie, W5COV

On 12/2/2013 3:56 PM, mikejmardis@... wrote:

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Sent from my iPhone

On Dec 2, 2013, at 16:16, "Charlie , W5COV" <cvest@...> wrote:

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I tossed their up converter over the fence and built a decent one for a friend. He plays with it all of the time and they even have an app to use it as a scanner. He just loves to use it. I have another one here, but SDR is low on my build list right now. Actually I had trouble getting all of the software properly loaded, but that was a problem with me alone, that I often have. My friend is a ham and just retired as a system analyst and had zero problems with it. One day I will get back to it when I have time to see what I am doing wrong with the software.

Charlie, W5COV

On 12/2/2013 3:03 PM, mikejmardis@... wrote:

Thank you for your input. I will def heed your advice.

Sent from my iPhone

On Dec 2, 2013, at 15:38, "Dale Parfitt" <parinc1@...> wrote:

□

I think we all had high aspirations for this RX when it was first announced last year . Many bugs existed- no S meter, no FM etc. It still is I believe deaf on VHF. But the designer has worked out some issues. You will find a discussion of it in the SWL section of eHam forums. For now, I think I would steer clear.

Dale W4OP

----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 02, 2013 2:53 PM
Subject: [X1M_QRP-Transceiver] Looks Familiar- receiver

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2615. RE: Looks Familiar- receiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 23:03:08 UTC
From: <deadgoose@...>
Topic: 2605 Message: 2615

Universal Radio shows the Lower HF-150 as being discontinued.. :(

73 /paul W3FIS

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Although they are a bit pricey, the Lowe HF-150 is a fabulous RX. The AM sync detection is second only to my K3. Built like a tank. Internal batteries and internal built in whip preamp. I have backlit mine and use it nightly and on all vacations. The Grundig's, Tecsun's etc look like toys compared to the 150. Very simple to operate and great audio.

Dale W4OP
----- Original Message -----
From: mikejmardis@... mailto:mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 02, 2013 5:45 PM
Subject: Re: [X1M_QRP-Transceiver] Looks Familiar- receiver

Thank you Charlie. What I'm looking for is a lf/mf/hf receiver with SSB as well as AM. Maybe some decent filtering. Your basic SWL receiver with SSB. A kit would be great. But they tend to be too narrow in coverage.
Do you have any suggestions?
Cheap is good too.

Sent from my iPhone

On Dec 2, 2013, at 17:15, "Charlie , W5COV" <cvest@... mailto:cvest@...> wrote:

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Charlie, W5COV

On 12/2/2013 3:56 PM, mikejmardis@... mailto:mikejmardis@... wrote:

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On Dec 2, 2013, at 16:16, "Charlie , W5COV" <cvest@... mailto:cvest@...> wrote:

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Charlie, W5COV

On 12/2/2013 3:03 PM, mikejmardis@... mailto:mikejmardis@... wrote:

Thank you for your input. I will def heed your advice.

Sent from my iPhone

On Dec 2, 2013, at 15:38, "Dale Parfitt" <parinc1@... mailto:parinc1@...> wrote:

☐
I think we all had high aspirations for this RX when it was first announced last year . Many bugs existed- no S meter, no FM etc. It still is I believe deaf on VHF. But the designer has worked out some issues. You will find a discussion of it in the SWL section of eHam forums. For now, I think I would steer clear.

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----- Original Message -----
From: mikejmardis@... mailto:mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 02, 2013 2:53 PM
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Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4259 / Virus Database: 3629/6886 - Release Date: 12/02/13

2616. Re: [X1M_QRP-Transceiver] RE: Looks Familiar- receiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 23:16:46 UTC
From: Dale Parfitt
Topic: 2605 Message: 2616

Discontinued many years ago- but still one of the finest receivers built.

Dale W4OP

----- Original Message -----
From: deadgoose@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 02, 2013 6:03 PM
Subject: [X1M_QRP-Transceiver] RE: Looks Familiar- receiver

Universal Radio shows the Lower HF-150 as being discontinued.. :(

73 /paul W3FIS

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Although they are a bit pricey, the Lowe HF-150 is a fabulous RX. The AM sync detection is second only to my K3. Built like a tank. Internal batteries and internal built in whip preamp. I have backlit mine and use it nightly and on all vacations. The Grundig's, Tecsun's etc look like toys compared to the 150. Very simple to operate and great audio.

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 02, 2013 5:45 PM
Subject: Re: [X1M_QRP-Transceiver] Looks Familiar- receiver

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Do you have any suggestions?
Cheap is good too.

Sent from my iPhone

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Sent from my iPhone

On Dec 2, 2013, at 16:16, "Charlie , W5COV" <cvest@...> wrote:

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Charlie, W5COV

On 12/2/2013 3:03 PM, mikejmardis@... wrote:

Thank you for your input. I will def heed your advice.

Sent from my iPhone

On Dec 2, 2013, at 15:38, "Dale Parfitt" <parinc1@...> wrote:

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Dale W4OP

----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 02, 2013 2:53 PM
Subject: [X1M_QRP-Transceiver] Looks Familiar- receiver

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2617. Re: [X1M_QRP-Transceiver] RE: Looks Familiar- receiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-02 23:32:34 UTC
From: Dale Parfitt
Topic: 2605 Message: 2617

You will find the 150 is regularly available on the swap sites and eBay.
There's a clean one on eBay now. Item # 310805376789

Dale W4OP
----- Original Message -----
From: Dale Parfitt
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 02, 2013 6:16 PM
Subject: Re: [X1M_QRP-Transceiver] RE: Looks Familiar- receiver

☐

Discontinued many years ago- but still one of the finest receivers built.

Dale W4OP

----- Original Message -----
From: deadgoose@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 02, 2013 6:03 PM
Subject: [X1M_QRP-Transceiver] RE: Looks Familiar- receiver

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Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 02, 2013 5:45 PM
Subject: Re: [X1M_QRP-Transceiver] Looks Familiar- receiver

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From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 02, 2013 2:53 PM
Subject: [X1M_QRP-Transceiver] Looks Familiar- receiver

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2618. Re: [X1M_QRP-Transceiver] Looks Familiar- receiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-03 00:25:41 UTC
From: Charlie , W5COV
Topic: 2605 Message: 2618

Mike what myself, and most of the people that operate in the LF/MF range up , use the Icom R-75 . It is a rugged old receiver that has been around for many years and I am not certain, but they may even still be in production.It is what I would call your basic SWL receiver and there are extra mods and filters available if you want to soup it up. It is pretty much found in all of the LF operators shacks that I know, or have known for the past decade.

Used ones show up from time to time on eBay , the R-75 group , Universal Radio and other places. Kiwa is a company that has developed some nice mods for it and some people used to have their new receiver shipped to them for some mods first. Mine is stock, with no filters , but has DSP . I would like to pick up a filter or two someday for my LF work.

Charlie , W5COV

On 12/2/2013 4:45 PM, mikejmardis@... wrote:
> Thank you Charlie. What I'm looking for is a lf/mf/hf receiver with
> SSB as well as AM. Maybe some decent filtering. Your basic SWL
> receiver with SSB. A kit would be great. But they tend to be too
> narrow in coverage.
> Do you have any suggestions?
> Cheap is good too.
>
>
> Sent from my iPhone
>
> On Dec 2, 2013, at 17:15, "Charlie , W5COV" <cvest@...
> <mailto:cvest@...>> wrote:
>
>> Mike it was January 2013 . The VHF/UHF portion requires no soldering
>> to make it work. FAR circuits does sell a board for the upconverter ,
>> the quality is not high, but pretty simple. I don't think you would
>> have a problem with it, but if you do just holler at me and I can
>> help you out on any building part. My only problem with this
>> particular project was software only, and that is due to myself
>> completely, with my memory issues from my brain damage, plus not
>> working in the computer and electronics field daily, I am far from
>> current on state of the art, especially computers and software.
>>
>> Charlie, W5COV
>>
>>
>> On 12/2/2013 3:56 PM, mikejmardis@... wrote:
>>> Do you happen to remember what month Charlie. Thanks for the heads up.

>>> I don't mind doing the soldering and mechanical part of a build.
>>> But, I couldn't do it from a schematic. I would need pretty blunt
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>>>> dongle. It also included the plans for an up converter board for
>>>> the ham bands.
>>>>
>>>> I tossed their up converter over the fence and built a decent one
>>>> for a friend. He plays with it all of the time and they even have
>>>> an app to use it as a scanner. He just loves to use it. I have
>>>> another one here, but SDR is low on my build list right now.
>>>> Actually I had trouble getting all of the software properly loaded,
>>>> but that was a problem with me alone, that I often have. My friend
>>>> is a ham and just retired as a system analyst and had zero problems
>>>> with it. One day I will get back to it when I have time to see what
>>>> I am doing wrong with the software.
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>>>> Charlie, W5COV
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>>>> On 12/2/2013 3:03 PM, mikejmardis@... wrote:
>>>>> Thank you for your input. I will def heed your advice.
>>>>>
>>>>> Sent from my iPhone
>>>>>
>>>>> On Dec 2, 2013, at 15:38, "Dale Parfitt" <parinc1@...
>>>>> <mailto:parinc1@...>> wrote:
>>>>>
>>>>> □
>>>>>
>>>>> I think we all had high aspirations for this RX when it was first
>>>>> announced last year . Many bugs existed- no S meter, no FM etc.
>>>>> It still is I believe deaf on VHF. But the designer has worked
>>>>> out some issues. You will find a discussion of it in the SWL
>>>>> section of eHam forums. For now, I think I would steer clear.
>>>>> Dale W4OP
>>>>>
>>>>> ----- Original Message -----
>>>>> *From:* mikejmardis@... <mailto:mikejmardis@...>
>>>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>>>>> *Sent:* Monday, December 02, 2013 2:53 PM

>>>>>> *Subject:* [X1M_QRP-Transceiver] Looks Familiar- receiver
>>>>>>
>>>>>> Check out what I found today looking around for receivers.
>>>>>> http://www.commradio.com/cr-1-communications-receiver/ Not a
>>>>>> bad price. They have some video on how to use it. I wasn't
>>>>>> able to find any independent reviews though.
>>>>>>
>>>>>> No virus found in this message.
>>>>>> Checked by AVG - www.avg.com <http://www.avg.com>
>>>>>> Version: 2014.0.4259 / Virus Database: 3629/6884 - Release
>>>>>> Date: 12/02/13
>>>>>>
>>>>
>>
>

2619. Re: [X1M_QRP-Transceiver] Looks Familiar- receiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-03 00:28:15 UTC
From: Dale Parfitt
Topic: 2605 Message: 2619

THat is an excellent recommendation Charlie- I had forgotten about the R-75 even though I owned one a while back.

Dale W4OP

----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 02, 2013 7:25 PM
Subject: Re: [X1M_QRP-Transceiver] Looks Familiar- receiver

Mike what myself, and most of the people that operate in the LF/MF range up , use the Icom R-75 . It is a rugged old receiver that has been around for many years and I am not certain, but they may even still be in production.It is what I would call your basic SWL receiver and there are extra mods and filters available if you want to soup it up. It is pretty much found in all of the LF operators shacks that I know, or have known for the past decade.

Used ones show up from time to time on eBay , the R-75 group , Universal Radio and other places. Kiwa is a company that has developed some nice mods for it and some people used to have their new receiver shipped to them for some mods first. Mine is stock, with no filters , but has DSP . I would like to pick up a filter or two someday for my LF work.

Charlie , W5COV

On 12/2/2013 4:45 PM, mikejmardis@... wrote:

Thank you Charlie. What I'm looking for is a lf/mf/hf receiver with SSB as well as AM. Maybe some decent filtering. Your basic SWL receiver with SSB. A kit would be great. But they tend to be too narrow in coverage.
Do you have any suggestions?
Cheap is good too.

Sent from my iPhone

On Dec 2, 2013, at 17:15, "Charlie , W5COV" <cvest@...> wrote:

Mike it was January 2013 . The VHF/UHF portion requires no soldering to make it work. FAR circuits does sell a board for the upconverter , the quality is not high, but pretty simple. I don't think you would have a problem with it, but if you do just holler at me and I can help you out on any building part. My only problem with this particular project was software only, and that is due to myself completely, with my memory issues from my brain damage, plus not working in the computer and electronics field daily, I am far from current on state of the art, especially computers and software.

Charlie, W5COV

On 12/2/2013 3:56 PM, mikejmardis@... wrote:

Do you happen to remember what month Charlie. Thanks for the heads up.
I don't mind doing the soldering and mechanical part of a build. But, I couldn't do it from a schematic. I would need pretty blunt instructions.

Sent from my iPhone

On Dec 2, 2013, at 16:16, "Charlie , W5COV" <cvest@...> wrote:

Mike, if you have an interest in building and experimenting with something pretty similar, there was an article in January 2013 QST on a receiver built from a cheap and readily available on eBay dongle. It also included the plans for an up converter board for the ham bands.

I tossed their up converter over the fence and built a decent one for a friend. He plays with it all of the time and they even have an app to use it as a scanner. He just loves to use it. I have another one here, but SDR is low on my build list right now. Actually I had trouble getting all of the software properly loaded, but that was a problem with me alone, that I often have. My friend is a ham and just retired as a system analyst and had zero problems with it. One day I will get back to it when I have time to see what I am doing wrong with the software.

Charlie, W5COV

On 12/2/2013 3:03 PM, mikejmardis@aol.com wrote:

Thank you for your input. I will def heed your advice.

Sent from my iPhone

On Dec 2, 2013, at 15:38, "Dale Parfitt" <parinc1@...> wrote:

☐

I think we all had high aspirations for this RX when it was first announced last year . Many bugs existed- no S meter, no FM etc. It still is I believe deaf on VHF. But the designer has worked out some issues. You will find a discussion of it in the SWL section of eHam forums. For now, I think I would steer clear.

Dale W4OP

----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 02, 2013 2:53 PM
Subject: [X1M_QRP-Transceiver] Looks Familiar- receiver

Check out what I found today looking around for receivers.
http://www.commradio.com/cr-1-communications-receiver/ Not a bad price. They have some video on how to use it. I wasn't able to find any independent reviews though.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3629/6884 - Release Date: 12/02/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3629/6886 - Release Date: 12/02/13

2620. General Info

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-03 08:59:10 UTC
From: <john_bell38@...>
Topic: 2620 Message: 2620

Hello
New to this group, just a couple of questions from experienced users. I am waiting for delivery of X1M

1 Is there a power level setting?

2 Tuning appears to be similar to decade swiches (software), if you set the digit to say 100Hz and tune is the tuning continuous, in other words could you tune a ham band without changing digit in steps of 100Hz or whatever digit were chosen?

3 Is the display crisp and easy to read with its small size.(for older chaps)

4 Has anyone used a set of external band pass filters for the Warc bands and used them successfully. One of the members produced some spectrum test results showing spurii very close to the wanted bands which will probably be difficult or not practical to remove. I think it looked as though one warc band was a practical proposition.

Many thanks in advance John

2621. rf in and band pass filters X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-03 08:59:16 UTC
From: <john_bell38@...>
Topic: 2621 Message: 2621

When you are out of specified bands is the front end wide open on recieve?

2622. Re: [X1M_QRP-Transceiver] rf in and band pass filters X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-03 14:32:36 UTC
From: Dale Parfitt
Topic: 2621 Message: 2622

From memory, the last of the front end filters is enabled. It appears to be a 30MHz low pass filter.

Dale W4OP
----- Original Message -----
From: john_bell38@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 03, 2013 3:59 AM
Subject: [X1M_QRP-Transceiver] rf in and band pass filters X1M

When you are out of specified bands is the front end wide open on recieve?

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3629/6886 - Release Date: 12/02/13

2623. Re: [X1M_QRP-Transceiver] RE: Looks Familiar- receiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-03 17:55:58 UTC
From: mikejmardis@...
Topic: 2605 Message: 2623

Thanks Dale. I'll keep an eye out for it.
I had a kx3 and know exactly what you mean about your k3. I had to get rid of the kx3 bc of financial reasons. That is why I'm getting the X1M.
What I would do to have that kx3 back.

Sent from my iPhone

> On Dec 2, 2013, at 18:16, "Dale Parfitt" <parinc1@...> wrote:
>
> □
>
> Discontinued many years ago- but still one of the finest receivers built.
>
> Dale W4OP
>
>
> ----- Original Message -----
> From: deadgoose@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Monday, December 02, 2013 6:03 PM
> Subject: [X1M_QRP-Transceiver] RE: Looks Familiar- receiver
>
>
> Universal Radio shows the Lower HF-150 as being discontinued.. :(
>
>
>
> 73 /paul W3FIS
>
>
>
> ---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:
>
> □
> Although they are a bit pricey, the Lowe HF-150 is a fabulous RX. The AM sync detection is second only to my K3. Built like a tank. Internal batteries and internal built in whip preamp. I have backlit mine and use it nightly and on all vacations. The Grundig's, Tecsun's etc look like toys compared to the 150. Very simple to operate and great audio.
>
> Dale W4OP
> ----- Original Message -----
> From: mikejmardis@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Monday, December 02, 2013 5:45 PM
> Subject: Re: [X1M_QRP-Transceiver] Looks Familiar- receiver
>

>
> Thank you Charlie. What I'm looking for is a lf/mf/hf receiver with SSB as well as AM. Maybe some decent filtering. Your basic SWL receiver with SSB. A kit would be great. But they tend to be too narrow in coverage.
> Do you have any suggestions?
> Cheap is good too.
>
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>> Mike it was January 2013 . The VHF/UHF portion requires no soldering to make it work. FAR circuits does sell a board for the upconverter , the quality is not high, but pretty simple. I don't think you would have a problem with it, but if you do just holler at me and I can help you out on any building part. My only problem with this particular project was software only, and that is due to myself completely, with my memory issues from my brain damage, plus not working in the computer and electronics field daily, I am far from current on state of the art, especially computers and software.
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>>> On 12/2/2013 3:56 PM, mikejmardis@... wrote:
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>>>> I tossed their up converter over the fence and built a decent one for a friend. He plays with it all of the time and they even have an app to use it as a scanner. He just loves to use it. I have another one here, but SDR is low on my build list right now. Actually I had trouble getting all of the software properly loaded, but that was a problem with me alone, that I often have. My friend is a ham and just retired as a system analyst and had zero problems with it. One day I will get back to it when I have time to see what I am doing wrong with the software.
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>>>> Charlie, W5COV
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>>>>> On 12/2/2013 3:03 PM, mikejmardis@... wrote:
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>>>>> Thank you for your input. I will def heed your advice.

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>>>>>> On Dec 2, 2013, at 15:38, "Dale Parfitt" <parinc1@...> wrote:
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>>>>>> I think we all had high aspirations for this RX when it was first announced last year . Many bugs existed- no S meter, no FM etc. It still is I believe deaf on VHF. But the designer has worked out some issues. You will find a discussion of it in the SWL section of eHam forums. For now, I think I would steer clear.
>>>>>>
>>>>>> Dale W4OP
>>>>>>
>>>>>>
>>>>>> ----- Original Message -----
>>>>>> From: mikejmardis@...
>>>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>>>> Sent: Monday, December 02, 2013 2:53 PM
>>>>>> Subject: [X1M_QRP-Transceiver] Looks Familiar- receiver
>>>>>>
>>>>>>
>>>>>> Check out what I found today looking around for receivers.
http://www.commradio.com/cr-1-communications-receiver/ Not a bad price. They have some video on how to use it. I wasn't able to find any independent reviews though.
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>
>

2624. Re: [X1M_QRP-Transceiver] RE: Looks Familiar- receiver

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-03 17:59:40 UTC
From: Dale Parfitt
Topic: 2605 Message: 2624

Charlie's post about the R-75 was spot on. Excellent receiver and available at reasonable prices.

GL,

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 03, 2013 12:55 PM
Subject: Re: [X1M_QRP-Transceiver] RE: Looks Familiar- receiver

Thanks Dale. I'll keep an eye out for it.
I had a kx3 and know exactly what you mean about your k3. I had to get rid of the kx3 bc of financial reasons. That is why I'm getting the X1M.
What I would do to have that kx3 back.

Sent from my iPhone

On Dec 2, 2013, at 18:16, "Dale Parfitt" <parinc1@...> wrote:

☐

Discontinued many years ago- but still one of the finest receivers built.

Dale W4OP

----- Original Message -----
From: deadgoose@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 02, 2013 6:03 PM
Subject: [X1M_QRP-Transceiver] RE: Looks Familiar- receiver

Universal Radio shows the Lower HF-150 as being discontinued.. :(

73 /paul W3FIS

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐
Although they are a bit pricey, the Lowe HF-150 is a fabulous RX. The AM sync detection is second only to my K3. Built like a tank. Internal batteries and internal built in whip preamp. I have backlit mine and use it nightly and on all vacations. The Grundig's, Tecsun's etc look like toys compared to the 150. Very simple to operate and great audio.

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, December 02, 2013 5:45 PM
Subject: Re: [X1M_QRP-Transceiver] Looks Familiar- receiver

Thank you Charlie. What I'm looking for is a lf/mf/hf receiver with SSB as well as AM. Maybe some decent filtering. Your basic SWL receiver with SSB. A kit would be great. But they tend to be too narrow in coverage.
Do you have any suggestions?
Cheap is good too.

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Sent: Monday, December 02, 2013 2:53 PM
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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3657/6887 - Release Date: 12/03/13

2625. Re: [X1M_QRP-Transceiver] rf in and band pass filters X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-03 19:06:17 UTC
From: Salvador Gonzalez
Topic: 2621 Message: 2625

Hi John.
Outside the bands there is a filter for RX 30Mhz LPF
Dangerous for images and spurious frequencies at reception.
But receives. Yes! :-))

Salvador

El Martes 3 de diciembre de 2013 9:59, "john_bell38@..." <john_bell38@...> escribió:

When you are out of specified bands is the front end wide open on recieve?

2626. Re: [X1M_QRP-Transceiver] X1M Pro all bands spectrum

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-03 19:17:21 UTC
From: <radiofrecuencia2013@...>
Topic: 2596 Message: 2626

9MHz with 18MHz IF is hard :-(

IF = 9MHz; BFO = 9MHz, DDS / OL = 27Mhz (9x3)
third harmonic BFO = 27Mhz.
Woooow! that mess!

When I can, I will also look at 65 meters.

Salvador

2627. Re: [X1M_QRP-Transceiver] X1M Pro all bands spectrum

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-03 19:21:05 UTC
From: <radiofrecuencia2013@...>
Topic: 2596 Message: 2627

Sorry, 60 metres not 65 !

2628. Re: [X1M_QRP-Transceiver] X1M Pro all bands spectrum

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-03 19:52:19 UTC
From: Charlie , W5COV
Topic: 2596 Message: 2628

Thanks for you pictures and your work Salvador . You are correct the 9 MHz. signal has been a pain since day 1.

Charlie , W5COV

On 12/3/2013 1:17 PM, radiofrecuencia2013@... wrote:
>
> 9MHz with 18MHz IF is hard :-(
>
>
> IF = 9MHz; BFO = 9MHz, DDS / OL = 27Mhz (9x3)
>
> third harmonic BFO = 27Mhz.
>
> Woooow! that mess!
>
>
> When I can, I will also look at 65 meters.
>
>
> Salvador
>
>

2629. AC POWER SUPPLY FORWARDED

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-03 19:56:24 UTC
From: Charlie , W5COV
Topic: 2629 Message: 2629

Here is a forward from another group that might be of interest to X1M users. I do some motel work, but I have a nice Motorola Wal Wart that came out of commercial service that is perfect for my X1M, on the road....

Charlie, W5COV

-------- Original Message --------
Subject: Re: [4sqrp] Cryptic mailing to the list
Date: Tue, 3 Dec 2013 13:22:59 -0600
From: Jim Sheldon <w0eb@...>
Reply-To: 4sqrp@yahoogroups.com,Jim Sheldon <w0eb@...>
To: <4sqrp@yahoogroups.com>, Don AE5K <donj@...>

Hi Don and anyone else concerned. Thanks for asking that. I had not really done a voltage test under load on that thing and it really needs to be done, so I just did a no-load, 250ma load and 2.5 amp load test on one of those little power supplies I mentioned earlier and the results are in.
Voltage @ 0 load = 13.95
Voltage @ 250ma = 13.80
Voltage @ 2.5 Amps =13.35
I used the KX3 as the load source. No load, KX3 off, 250 ma, KX3 receive @ max volume with LCD backlight on at it's brightest and all extra current hogging options turned on and 2.5 amps was at MAX transmit power (12 watts out into a dummy load).
The supply max current spec is 4.0 amps but I didn't have thing on hand with which to load it that heavy. I do think that .6 volt drop from no load to just over half rated load is very acceptable and as someone else using the same supply said, it's very quiet. I have searched long and hard with the KX3's excellent receiver and have not found any birdies that I can attribute to the supply. I've used one for about a year now and haven't found any reason to leave it home. It was the supply I used at OzarkCon on the KX3. The K3 I had there was, of course, run on my MFJ 4245 MV supply.
Jim

> On 12/03/2013 09:07 AM, Jim Sheldon wrote:
>
>>
>> Sorry about that - the email was originally intended for Terry
>> WA0ITP, regarding his article in the latest "Banner" on wall
>> warts for "Motel" power supplies. I forgot to include the URL
>> when I told him about an inexpensive, RF quiet switcher that puts
>> out 13.8-14 volts at 2.5 to 3 amps. It's designed as a
>> replacement supply for ACER and Samsung monitors and Amazon has
>> them for $9.99 plus shipping. I got one to with my KX3 when I'm

>> close to AC power and it worked so well I picked up another one
>> for a spare. They are spec'd at 14 volts output but both the
>> ones I got measure 13.8 volts which is pretty much the design
>> voltage on just about every QRP rig that runs on a nominal 12
>> volts anyway. They are over voltage, over current protected and
>> cheap enough that buying one might even be cheaper than a wall
>> wart plus the 7812 regulator if you don't already have such in
>> your "junque box". Jim - W0EB
>>
> Jim,
>
> Is that 13.8 vdc measurement under load and if so, how much load?
>
> Don AE5K
>
>
> ------------------------------------
>
> 4SQRP Website: http://4sqrp.com
> OzarkCon is coming April 4-5, 2014 in Branson, MO
> View Details at http://www.ozarkcon.com/index.phpYahoo Groups Links
>
>
>

2630. Some useful information ?? For operating the X1M on other than the 5 filtered bands.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-03 23:48:05 UTC
From: Charlie , W5COV
Topic: 2630 Message: 2630

First off the usual disclaimer, no financial interest, etc. etc. Just something to think about if you want a cleaner signal when you want to operate other experimental and ham bands.

Perhaps even an idea for some of our talented group to design as a HIGHLY useful accessory for the X1M. I sketched a couple up on my own before I found these, but I have never mastered PCBexpress well enough to feel confident designing a board and ordering from them and getting the filters designed and offering it as a kit.

IF anyone does do one on their own , I would love to know about it . Contact me off list, if you wish. cvest AT cox.net

http://www.qsl.net/k/k5bcq/Kits/Kits.html (Next to the last item on the page, doesn't appear to be for sale yet)
I normally don't get into amplifiers for QRP , but these guys also offer a 20 watt amplifier at a really cheap price, in my personal opinion. It is about the middle of the page and these guys produce some VERY FINE products !!

http://www.hanssummers.com/ultimatelpf (Also not yet available)

Single band filter kits that are available for sale :
http://www.hanssummers.com/index.php?page=shop.browse&category_id=6&vmcchk=1&option=com_virtuemart&Itemid=265

I own several of these and can HIGHLY recommend them.

Another source of kits or parts to roll your own :

http://kitsandparts.com/rftoolkits.php

The first 3 kits. I have also built and used these and can also recommend them. I buy almost 100% of my toroids from this site.

Hope it helps you get even more enjoyment out of the X1M.

If you have any interesting or useful additions for the X1M , PLEASE share with the rest of us on the group.

Charlie, W5COV

2631. RE: W4OP Scoe for sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-04 01:27:07 UTC
From: <lphebus@...>
Topic: 2555 Message: 2631

Dale, back home now... Did you get the check? If so, put it in the mail and I'll be waiting... Thanks!

2632. Re: [X1M_QRP-Transceiver] RE: W4OP Scoe for sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-04 02:06:25 UTC
From: Dale Parfitt
Topic: 2555 Message: 2632

UPS should have sent you the tracking #- let me know if they did not.

Dale
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 03, 2013 8:27 PM
Subject: [X1M_QRP-Transceiver] RE: W4OP Scoe for sale

Dale, back home now... Did you get the check? If so, put it in the mail and I'll be waiting... Thanks!

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3657/6889 - Release Date: 12/03/13

2633. Re: [X1M_QRP-Transceiver] RE: W4OP Scoe for sale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-04 03:39:24 UTC
From: <lphebus@...>
Topic: 2555 Message: 2633

thanks, got the tracking number... grateful for the great deal.

Lee

2634. Re: [X1M_QRP-Transceiver] Some useful information ?? For operating the X1M on other than the 5 filtered bands.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-04 03:31:20 UTC
From: ken fest
Topic: 2630 Message: 2634

Hi All,
I am familiar with those items, amps, and filters. They are one option for us all.
Recently I chose a different path.
I built the 98 cent HF amplifier from the 2009 QST article. It outputs 60 watts using two 98 cent switching mosfets. It is an easy build and really works well.
For filtering, I was going to buy the filter/s you describe, or maybe the switchable filters sold for the Packer amp.
However, instead I watched the Ebay listing and bought a cheap 7 band switchable filter board out of a Kenwood 940S. This board can easily handle 100 watts and works from 160 thru 10 meters.
As a bonus, the board already has everything needed for forward and reflected power indications. Just add a meter and bingo you have a real nice switchable filter and wattmeter for your rig.
I chose to build the bandpass unit in a separate box so that it can be used with any amp I build.
This Kenwood board uses 24 volt relays but that is easily overcome. I have a nifty circuit that uses one switch, one diode, and one cap and can operate any 24 or 28 volt relay from 12 volts.
Just another option for qrp or otherwise.
Ken N2LZV

On Tue, 12/3/13, Charlie , W5COV <cvest@...> wrote:

Subject: [X1M_QRP-Transceiver] Some useful information ?? For operating the X1M on other than the 5 filtered bands.
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Tuesday, December 3, 2013, 6:48 PM

First off the usual disclaimer, no
financial interest, etc. etc. Just
something to think about if you want a cleaner signal when
you want to
operate other experimental and ham bands.

Perhaps even an idea for some of our talented group to
design as a
HIGHLY useful accessory for the X1M. I sketched a couple up
on my own
before I found these, but I have never mastered PCBexpress
well enough
to feel confident designing a board and ordering from them
and getting
the filters designed and offering it as a kit.

IF anyone does do one on their own , I would love to know
about it .
Contact me off list, if you wish. cvest AT cox.net

http://www.qsl.net/k/k5bcq/Kits/Kits.html
(Next to the last item on the
page, doesn't appear to be for sale yet)
***I normally don't get into amplifiers for QRP , but these
guys also
offer a 20 watt amplifier at a really cheap price, in my
personal
opinion. It is about the middle of the page and these guys
produce some
VERY FINE products !!***

http://www.hanssummers.com/ultimatelpf (
Also not yet available)

Single band filter kits that are available for sale :
http://www.hanssummers.com/index.php?page=shop.browse&category_id=6&vmcchk=1&option=com_vi
rtuemart&Itemid=265

I own several of these and can HIGHLY recommend them.

Another source of kits or parts to roll your own :

http://kitsandparts.com/rftoolkits.php

The first 3 kits. I have also built and used these and can
also
recommend them. I buy almost 100% of my toroids from this
site.

Hope it helps you get even more enjoyment out of the X1M.

If you have any interesting or useful additions for the X1M
, PLEASE
share with the rest of us on the group.

Charlie, W5COV

Yahoo Groups Links

    X1M_QRP-Transceiver-fullfeatured@yahoogroups.com

2635. Re: [X1M_QRP-Transceiver] Some useful information ?? For operating the X1M on other than the 5 filtered bands.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-04 04:08:47 UTC
From: Charlie , W5COV
Topic: 2630 Message: 2635

Hi Ken,

Thanks for sharing that information. I remember reading that QST article. Will have to go back to the archives and have a look at it to refresh my memory.

GREAT idea on the filter board. I have an old Kenwood TS-130SE here that I bought that had no case on it and the final assembly was hanging off of the back. I just bought it for the CW filter in it and offered guys parts from it but had no takers, so now I am kind of glad that I didn't.

I can do a little repurposing of some of the other boards and parts now. I hated to just toss it in the trash, since I bought it so cheap and saved a ton of money by getting the filters out of it , that I sure wouldn't be losing any money. I paid $20 for it.

My filter box is going to be separate also, so I too can use it with other projects.That old rig is now going to prove very useful to me. Glad I am a bit of a hoarder. Thanks again for sharing your projects and ideas !!

I am sure just about everyone on here has similar interesting items they have or could use to enhance the X1M or build some nice station accessories out of. Just have to get them to share with the group.

Charlie , W5COV

On 12/3/2013 9:31 PM, ken fest wrote:
>
> Hi All,
> I am familiar with those items, amps, and filters. They are one option
> for us all.
> Recently I chose a different path.
> I built the 98 cent HF amplifier from the 2009 QST article. It outputs
> 60 watts using two 98 cent switching mosfets. It is an easy build and
> really works well.
> For filtering, I was going to buy the filter/s you describe, or maybe
> the switchable filters sold for the Packer amp.
> However, instead I watched the Ebay listing and bought a cheap 7 band
> switchable filter board out of a Kenwood 940S. This board can easily
> handle 100 watts and works from 160 thru 10 meters.
> As a bonus, the board already has everything needed for forward and
> reflected power indications. Just add a meter and bingo you have a
> real nice switchable filter and wattmeter for your rig.
> I chose to build the bandpass unit in a separate box so that it can be

> used with any amp I build.
> This Kenwood board uses 24 volt relays but that is easily overcome. I
> have a nifty circuit that uses one switch, one diode, and one cap and
> can operate any 24 or 28 volt relay from 12 volts.
> Just another option for qrp or otherwise.
> Ken N2LZV
>
> ---
> On Tue, 12/3/13, Charlie , W5COV <cvest@...> wrote:
>
> Subject: [X1M_QRP-Transceiver] Some useful information ?? For
> operating the X1M on other than the 5 filtered bands.
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Tuesday, December 3, 2013, 6:48 PM
>
> First off the usual disclaimer, no
> financial interest, etc. etc. Just
> something to think about if you want a cleaner signal when
> you want to
> operate other experimental and ham bands.
>
> Perhaps even an idea for some of our talented group to
> design as a
> HIGHLY useful accessory for the X1M. I sketched a couple up
> on my own
> before I found these, but I have never mastered PCBexpress
> well enough
> to feel confident designing a board and ordering from them
> and getting
> the filters designed and offering it as a kit.
>
> IF anyone does do one on their own , I would love to know
> about it .
> Contact me off list, if you wish. cvest AT cox.net
>
> http://www.qsl.net/k/k5bcq/Kits/Kits.html
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> page, doesn't appear to be for sale yet)
> ***I normally don't get into amplifiers for QRP , but these
> guys also
> offer a 20 watt amplifier at a really cheap price, in my
> personal
> opinion. It is about the middle of the page and these guys
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> VERY FINE products !!***
>
> http://www.hanssummers.com/ultimatelpf (
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>
> Single band filter kits that are available for sale :

> http://www.hanssummers.com/index.php?page=shop.browse&category_id=6&vmcchk=1&option=com_virtuemart&Itemid=265
>
> I own several of these and can HIGHLY recommend them.
>
> Another source of kits or parts to roll your own :
>
> http://kitsandparts.com/rftoolkits.php
>
> The first 3 kits. I have also built and used these and can
> also
> recommend them. I buy almost 100% of my toroids from this
> site.
>
> Hope it helps you get even more enjoyment out of the X1M.
>
> If you have any interesting or useful additions for the X1M
> , PLEASE
> share with the rest of us on the group.
>
> Charlie, W5COV
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
> X1M_QRP-Transceiver-fullfeatured@yahoogroups.com
>
>
>

2636. Re: [X1M_QRP-Transceiver] AC POWER SUPPLY FORWARDED

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-04 10:06:49 UTC
From: John Tracy
Topic: 2629 Message: 2636

Hi Charlie,
Can you please post the URL of the Amazon power supply that you have listed?
Thanks!
W6SB, John

On Tue, Dec 3, 2013 at 11:56 AM, Charlie , W5COV <cvest@...> wrote:

>
>
>
> Here is a forward from another group that might be of interest to X1M
> users. I do some motel work, but I have a nice Motorola Wal Wart that came
> out of commercial service that is perfect for my X1M, on the road....
>
> Charlie, W5COV
>
> -------- Original Message -------- Subject: Re: [4sqrp] Cryptic mailing
> to the list Date: Tue, 3 Dec 2013 13:22:59 -0600 From: Jim Sheldon
> <w0eb@...> <w0eb@cox.net> Reply-To: 4sqrp@yahoogroups.com,JimSheldon
> <w0eb@...> <w0eb@...> To: <4sqrp@yahoogroups.com><4sqrp@yahoogroups.com>,
> Don AE5K <donj@...> <donj@...>
>
>
> Hi Don and anyone else concerned. Thanks for asking that. I had not
> really done a voltage test under load on that thing and it really needs to
> be done, so I just did a no-load, 250ma load and 2.5 amp load test on one
> of those little power supplies I mentioned earlier and the results are in.
>
> Voltage @ 0 load = 13.95
> Voltage @ 250ma = 13.80
> Voltage @ 2.5 Amps =13.35
>
> I used the KX3 as the load source. No load, KX3 off, 250 ma, KX3 receive
> @ max volume with LCD backlight on at it's brightest and all extra current
> hogging options turned on and 2.5 amps was at MAX transmit power (12 watts
> out into a dummy load).
>
> The supply max current spec is 4.0 amps but I didn't have thing on hand
> with which to load it that heavy. I do think that .6 volt drop from no
> load to just over half rated load is very acceptable and as someone else
> using the same supply said, it's very quiet. I have searched long and hard
> with the KX3's excellent receiver and have not found any birdies that I can
> attribute to the supply. I've used one for about a year now and haven't
> found any reason to leave it home. It was the supply I used at OzarkCon on
> the KX3. The K3 I had there was, of course, run on my MFJ 4245 MV supply.

>
> Jim
>
> > On 12/03/2013 09:07 AM, Jim Sheldon wrote:
> >
> >>
> >> Sorry about that - the email was originally intended for Terry
> >> WA0ITP, regarding his article in the latest "Banner" on wall
> >> warts for "Motel" power supplies. I forgot to include the URL
> >> when I told him about an inexpensive, RF quiet switcher that puts
> >> out 13.8-14 volts at 2.5 to 3 amps. It's designed as a
> >> replacement supply for ACER and Samsung monitors and Amazon has
> >> them for $9.99 plus shipping. I got one to with my KX3 when I'm
> >> close to AC power and it worked so well I picked up another one
> >> for a spare. They are spec'd at 14 volts output but both the
> >> ones I got measure 13.8 volts which is pretty much the design
> >> voltage on just about every QRP rig that runs on a nominal 12
> >> volts anyway. They are over voltage, over current protected and
> >> cheap enough that buying one might even be cheaper than a wall
> >> wart plus the 7812 regulator if you don't already have such in
> >> your "junque box". Jim - W0EB
> >>
> > Jim,
> >
> > Is that 13.8 vdc measurement under load and if so, how much load?
> >
> > Don AE5K
> >
> >
> > ------------------------------------
> >
> > 4SQRP Website: http://4sqrp.com
> > OzarkCon is coming April 4-5, 2014 in Branson, MO
> > View Details at http://www.ozarkcon.com/index.phpYahoo Groups Links
> >
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> >
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>

2637. Fwd: Re: [4sqrp] 14 volt power supply

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-04 18:19:04 UTC
From: Charlie , W5COV
Topic: 2637 Message: 2637

Hi John,

They just posted this today. Hope it helps.

Charlie, W5COV

-------- Original Message --------
Subject: Re: [4sqrp] 14 volt power supply
Date: Wed, 4 Dec 2013 12:03:07 -0600
From: John Adams <johnk4qq@...>
Reply-To: 4sqrp@yahoogroups.com,John Adams <johnk4qq@...>
To: 4sqrp@yahoogroups.com <4sqrp@yahoogroups.com>, Michael McShan
<w5rst@...>

Does it need any modification or is it ready to go as is? I will be
using it with a K1.

Sent from my iPhone

On Dec 3, 2013, at 11:21 AM, Michael McShan <w5rst@...
<mailto:w5rst@...>> wrote:

> These are excellent little supplies for the FT-817, etc. I’ve had one
> in continuous use for years now. Very quiet.
>
>
> 72/73,
> Mike W5RST
> OKC
>
> On Dec 3, 2013, at 8:57 AM, Jim Sheldon <w0eb@...
> <mailto:w0eb@...>> wrote:
>
>>
>> Forgot to include the url to the little supply on Amazon for $9.99
>> plus shipping. The spec says 14 volts but the couple I've gotten all
>> measure a perfect 13.8 volts.
>> http://www.amazon.com/HQRP-Adapter-SyncMaster-monitors-Replacement/dp/B002D1E8S4
>> Jim - W0EB
>>
>

2638. Re: [X1M_QRP-Transceiver] Fwd: Re: [4sqrp] 14 volt power supply

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-04 20:24:14 UTC
From: John Tracy
Topic: 2637 Message: 2638

Hi Charlie,
Thanks so much! I sure do want to talk to you if your available today.
73 de W6SB John

On Wed, Dec 4, 2013 at 10:19 AM, Charlie , W5COV <cvest@...> wrote:

>
>
> Hi John,
>
> They just posted this today. Hope it helps.
>
> Charlie, W5COV
>
>
> -------- Original Message -------- Subject: Re: [4sqrp] 14 volt power
> supply Date: Wed, 4 Dec 2013 12:03:07 -0600 From: John Adams
> <johnk4qq@...> <johnk4qq@...> Reply-To:
> 4sqrp@yahoogroups.com,John Adams <johnk4qq@...> <johnk4qq@yahoo.com> To:
> 4sqrp@yahoogroups.com <4sqrp@yahoogroups.com> <4sqrp@yahoogroups.com>,
> Michael McShan <w5rst@...> <w5rst@...>
>
>
> Does it need any modification or is it ready to go as is? I will be using
> it with a K1.
>
> Sent from my iPhone
>
> On Dec 3, 2013, at 11:21 AM, Michael McShan <w5rst@...> wrote:
>
>
>
>
> These are excellent little supplies for the FT-817, etc. I've had one in
> continuous use for years now. Very quiet.
>
> 72/73,
> Mike W5RST
> OKC
>
> On Dec 3, 2013, at 8:57 AM, Jim Sheldon <w0eb@...> wrote:
>
>
>
> Forgot to include the url to the little supply on Amazon for $9.99 plus
> shipping. The spec says 14 volts but the couple I've gotten all measure a
> perfect 13.8 volts.

>
>
> http://www.amazon.com/HQRP-Adapter-SyncMaster-monitors-Replacement/dp/B002D1E8S4
>
> Jim - W0EB
>
>
>
>
>
>

2639. Re: [X1M_QRP-Transceiver] X1M Pro all bands spectrum

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-04 20:54:13 UTC
From: <radiofrecuencia2013@...>
Topic: 2596 Message: 2639

Yes Charlie
9MHz is a classic IF.
For 17 meters a very good filter after the TX mixer is necessary.

Salvador

2640. Happy Day!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-04 21:20:51 UTC
From: <deadgoose@...>
Topic: 2640 Message: 2640

Word from Ed is that the radios have left China via DHL. My dog says that a DHL delivery person is worth 5 postmen....

73 /paul W3FIS

2641. Replacing the P.A. transistor in the X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-04 21:43:51 UTC
From: Dale Parfitt
Topic: 2641 Message: 2641

I just completed this and will get together a .PDF with photos. A desoldering station makes cleaning out the PCB holes a snap. Otherwise no big deal.

Dale W4OP

2642. Re: [X1M_QRP-Transceiver] Happy Day!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-04 21:46:28 UTC
From: Bastress, David G
Topic: 2640 Message: 2642

GA Paul,

Unless they 'drop ship' the X1Ms your dog will probably get a post man or
UPS driver, not an DHL delivery person! :-)

Waiting anxiously just like you!

Dave K3GAU

On Wed, Dec 4, 2013 at 4:20 PM, <deadgoose@comcast.net> wrote:

>
>
> Word from Ed is that the radios have left China via DHL. My dog says that
> a DHL delivery person is worth 5 postmen....
>
>
> 73 /paul W3FIS
>
>
>

2643. RE: Replacing the P.A. transistor in the X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-04 22:19:45 UTC
From: <lphebus@...>
Topic: 2641 Message: 2643

Dale, you replaced it with the original transistor type, correct? This was a repair, not an upgrade?

2644. Re: [X1M_QRP-Transceiver] RE: Replacing the P.A. transistor in the X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-04 22:36:01 UTC
From: Dale Parfitt
Topic: 2641 Message: 2644

Correct a repair of W4SC's rig.

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 04, 2013 5:19 PM
Subject: [X1M_QRP-Transceiver] RE: Replacing the P.A. transistor in the X1M

Dale, you replaced it with the original transistor type, correct? This was a repair, not an upgrade?

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3657/6890 - Release Date: 12/04/13

2645. X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-04 22:41:11 UTC
From: Dale Parfitt
Topic: 2645 Message: 2645

Can I get a show of hands of anyone on the list that would have an interest in a crystal CW filter for the X1M? As I envision it, the filter (# of poles to be determined as well as BW) would be automatically enabled when CW mode was selected. The SMD board consisting of the crsytals, SMD caps, drive signal transistor buffer and 2 SMD reed relays would fit on the bottom of the top board. It would require cutting two traces on the current filter (which would still be selected for SSB/digital modes). This is very early on, but if enough interest I'll start on a design. Note: this will NOT be in time for Christmas presents. There are a few challenges involved, so success is not guaranteed.

Dale W4OP

----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 04, 2013 5:19 PM
Subject: [X1M_QRP-Transceiver] RE: Replacing the P.A. transistor in the X1M

Dale, you replaced it with the original transistor type, correct? This was a repair, not an upgrade?

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3657/6890 - Release Date: 12/04/13

2646. Re: [X1M_QRP-Transceiver] X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-04 22:47:15 UTC
From: Charlie , W5COV
Topic: 2645 Message: 2646

Put me on the list Dale .

Charlie, W5COV

On 12/4/2013 4:41 PM, Dale Parfitt wrote:
>
> □
>
> Can I get a show of hands of anyone on the list that would have an
> interest in a crystal CW filter for the X1M? As I envision it, the
> filter (# of poles to be determined as well as BW) would be
> automatically enabled when CW mode was selected. The SMD board
> consisting of the crsytals, SMD caps, drive signal transistor buffer
> and 2 SMD reed relays would fit on the bottom of the top board. It
> would require cutting two traces on the current filter (which would
> still be selected for SSB/digital modes). This is very early on, but
> if enough interest I'll start on a design. Note: this will NOT be in
> time for Christmas presents. There are a few challenges involved, so
> success is not guaranteed.
> Dale W4OP
> ----- Original Message -----
>
> *From:* lphebus@... <mailto:lphebus@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Wednesday, December 04, 2013 5:19 PM
> *Subject:* [X1M_QRP-Transceiver] RE: Replacing the P.A. transistor
> in the X1M
>
> Dale, you replaced it with the original transistor type, correct?
> This was a repair, not an upgrade?
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3657/6890 - Release Date:
> 12/04/13
>
>

2647. RE: X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-04 22:54:58 UTC
From: <lphebus@...>
Topic: 2645 Message: 2647

I would also like to be on that list.

2648. Re: [X1M_QRP-Transceiver] X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-04 23:04:51 UTC
From: Jim Hurwitz
Topic: 2645 Message: 2648

Please add me to the list.

On Wed, Dec 4, 2013 at 5:41 PM, Dale Parfitt <parinc1@...> wrote:

>
>
>
> Can I get a show of hands of anyone on the list that would have an
> interest in a crystal CW filter for the X1M? As I envision it, the filter
> (# of poles to be determined as well as BW) would be automatically enabled
> when CW mode was selected. The SMD board consisting of the crsytals, SMD
> caps, drive signal transistor buffer and 2 SMD reed relays would fit on
> the bottom of the top board. It would require cutting two traces on the
> current filter (which would still be selected for SSB/digital modes). This
> is very early on, but if enough interest I'll start on a design. Note: this
> will NOT be in time for Christmas presents. There are a few challenges
> involved, so success is not guaranteed.
>
> Dale W4OP
>
>
> ----- Original Message -----
>
> *From:* lphebus@yahoo.com
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Wednesday, December 04, 2013 5:19 PM
> *Subject:* [X1M_QRP-Transceiver] RE: Replacing the P.A. transistor in the
> X1M
>
>
>
> Dale, you replaced it with the original transistor type, correct? This
> was a repair, not an upgrade?
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus Database: 3657/6890 - Release Date: 12/04/13
>
>
>

2649. Re: [X1M_QRP-Transceiver] X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-04 23:17:32 UTC
From: Tim
Topic: 2645 Message: 2649

I'm in... what about a couple of analog switches instead of relays?

I know... creeping elegance!

Tim W5FN

2650. Re: [X1M_QRP-Transceiver] X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 00:07:21 UTC
From: Dale Parfitt
Topic: 2645 Message: 2650

Diode steering is certainly a possibility - particularly if the filter in/out Z is reasonably low.

Dale W4OP

----- Original Message -----
From: "Tim" <tim@...>
To: <X1M_QRP-Transceiver@yahoogroups.com>
Sent: Wednesday, December 04, 2013 6:17 PM
Subject: Re: [X1M_QRP-Transceiver] X1M CW Filter

> I'm in... what about a couple of analog switches instead of relays?
>
> I know... creeping elegance!
>
> Tim W5FN
>
>
> ------------------------------------
>
> Yahoo Groups Links
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>
>
> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus Database: 3658/6892 - Release Date: 12/04/13
>

2651. Re: [X1M_QRP-Transceiver] X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 00:40:24 UTC
From: mikejmardis@...
Topic: 2645 Message: 2651

Sure. I would be interested. But I already have the external filter. So it would be dependent on it being a substantial improvement

Sent from my iPhone

> On Dec 4, 2013, at 19:07, "Dale Parfitt" <parinc1@...> wrote:
>
> Diode steering is certainly a possibility - particularly if the filter
> in/out Z is reasonably low.
>
> Dale W4OP
>
> ----- Original Message -----
> From: "Tim" <tim@...>
> To: <X1M_QRP-Transceiver@yahoogroups.com>
> Sent: Wednesday, December 04, 2013 6:17 PM
> Subject: Re: [X1M_QRP-Transceiver] X1M CW Filter
>
>
>> I'm in... what about a couple of analog switches instead of relays?
>>
>> I know... creeping elegance!
>>
>> Tim W5FN
>>
>>
>> ------------------------------------
>>
>> Yahoo Groups Links
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>>
>> -----
>> No virus found in this message.
>> Checked by AVG - www.avg.com
>> Version: 2014.0.4259 / Virus Database: 3658/6892 - Release Date: 12/04/13
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>
> Yahoo Groups Links
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>

2652. Re: [X1M_QRP-Transceiver] X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 01:01:20 UTC
From: Dale Parfitt
Topic: 2645 Message: 2652

The CW IF filter would prevent the AGC from reacting to off channel signals- something an audio based filter cannot accomplish. Hopefully, it might also solve the issue that currently exists of hearing both sides of zero beat of all CW stations.

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 04, 2013 7:40 PM
Subject: Re: [X1M_QRP-Transceiver] X1M CW Filter

Sure. I would be interested. But I already have the external filter. So it would be dependent on it being a substantial improvement

Sent from my iPhone

> On Dec 4, 2013, at 19:07, "Dale Parfitt" <parinc1@...> wrote:
>
> Diode steering is certainly a possibility - particularly if the filter
> in/out Z is reasonably low.
>
> Dale W4OP
>
> ----- Original Message -----
> From: "Tim" <tim@utopiaedesign.com>
> To: <X1M_QRP-Transceiver@yahoogroups.com>
> Sent: Wednesday, December 04, 2013 6:17 PM
> Subject: Re: [X1M_QRP-Transceiver] X1M CW Filter
>
>
>> I'm in... what about a couple of analog switches instead of relays?
>>
>> I know... creeping elegance!
>>
>> Tim W5FN
>>
>>
>> ------------------------------------
>>
>> Yahoo Groups Links
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>>
>>
>>
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>> -----

>> No virus found in this message.
>> Checked by AVG - www.avg.com
>> Version: 2014.0.4259 / Virus Database: 3658/6892 - Release Date: 12/04/13
>
>
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> ------------------------------------
>
> Yahoo Groups Links
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>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6892 - Release Date: 12/04/13

2653. Re: [X1M_QRP-Transceiver] X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 01:06:13 UTC
From: mikejmardis@...
Topic: 2645 Message: 2653

Sorry! I spoke before I thought out what it was you were doing.
Absolutely! I'm in.

Sent from my iPhone

> On Dec 4, 2013, at 20:01, "Dale Parfitt" <parinc1@...> wrote:
>
> The CW IF filter would prevent the AGC from reacting to off channel signals- something an audio based filter cannot accomplish. Hopefully, it might also solve the issue that currently exists of hearing both sides of zero beat of all CW stations.
>
> Dale W4OP
> ----- Original Message -----
> From: mikejmardis@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Wednesday, December 04, 2013 7:40 PM
> Subject: Re: [X1M_QRP-Transceiver] X1M CW Filter
>
>
> Sure. I would be interested. But I already have the external filter. So it would be dependent on it being a substantial improvement
>
> Sent from my iPhone
>
> > On Dec 4, 2013, at 19:07, "Dale Parfitt" <parinc1@...> wrote:
> >
> > Diode steering is certainly a possibility - particularly if the filter
> > in/out Z is reasonably low.
> >
> > Dale W4OP
> >
> > ----- Original Message -----
> > From: "Tim" <tim@...>
> > To: <X1M_QRP-Transceiver@yahoogroups.com>
> > Sent: Wednesday, December 04, 2013 6:17 PM
> > Subject: Re: [X1M_QRP-Transceiver] X1M CW Filter
> >
> >
> >> I'm in... what about a couple of analog switches instead of relays?
> >>
> >> I know... creeping elegance!
> >>
> >> Tim W5FN
> >>
> >>

> >> ------------------------------------
> >>
> >> Yahoo Groups Links
> >>
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> >>
> >>
> >> -----
> >> No virus found in this message.
> >> Checked by AVG - www.avg.com
> >> Version: 2014.0.4259 / Virus Database: 3658/6892 - Release Date: 12/04/13
> >
> >
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> > ------------------------------------
> >
> > Yahoo Groups Links
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> >
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus Database: 3658/6892 - Release Date: 12/04/13
>
>

2654. Re: [X1M_QRP-Transceiver] X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 01:48:52 UTC
From: Bill Smith
Topic: 2645 Message: 2654

Count me in. With all the help you provide this group and the resulting improvements, this rig just gets better and better. BTW, I' m about to get started assembling your AGC. A challenge for my eye sight. But like all the other suggested mods I've done to the rig; the results are fantastic!
I'm glad to be a part of this journey.

Bill
KK6WLS
On Dec 4, 2013 2:39 PM, "Dale Parfitt" <parinc1@...> wrote:

>
>
>
> Can I get a show of hands of anyone on the list that would have an
> interest in a crystal CW filter for the X1M? As I envision it, the filter
> (# of poles to be determined as well as BW) would be automatically enabled
> when CW mode was selected. The SMD board consisting of the crsytals, SMD
> caps, drive signal transistor buffer and 2 SMD reed relays would fit on
> the bottom of the top board. It would require cutting two traces on the
> current filter (which would still be selected for SSB/digital modes). This
> is very early on, but if enough interest I'll start on a design. Note: this
> will NOT be in time for Christmas presents. There are a few challenges
> involved, so success is not guaranteed.
>
> Dale W4OP
>
>
> ----- Original Message -----
>
> *From:* lphebus@...
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Wednesday, December 04, 2013 5:19 PM
> *Subject:* [X1M_QRP-Transceiver] RE: Replacing the P.A. transistor in the
> X1M
>
>
>
>
> Dale, you replaced it with the original transistor type, correct? This
> was a repair, not an upgrade?
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus Database: 3657/6890 - Release Date: 12/04/13
>
>

>

2655. Re: [X1M_QRP-Transceiver] X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 02:15:16 UTC
From: Dale Parfitt
Topic: 2645 Message: 2655

Great Bill. One item I have not added to the manual is to do the Audio mod first and confirm you are getting a lot more audio. Then proceed on to the AGC board.

Dale W4OP
----- Original Message -----
From: Bill Smith
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 04, 2013 8:48 PM
Subject: Re: [X1M_QRP-Transceiver] X1M CW Filter

Count me in. With all the help you provide this group and the resulting improvements, this rig just gets better and better. BTW, I' m about to get started assembling your AGC. A challenge for my eye sight. But like all the other suggested mods I've done to the rig; the results are fantastic!
I'm glad to be a part of this journey.

Bill
KK6WLS

On Dec 4, 2013 2:39 PM, "Dale Parfitt" <parinc1@...> wrote:

Can I get a show of hands of anyone on the list that would have an interest in a crystal CW filter for the X1M? As I envision it, the filter (# of poles to be determined as well as BW) would be automatically enabled when CW mode was selected. The SMD board consisting of the crsytals, SMD caps, drive signal transistor buffer and 2 SMD reed relays would fit on the bottom of the top board. It would require cutting two traces on the current filter (which would still be selected for SSB/digital modes). This is very early on, but if enough interest I'll start on a design. Note: this will NOT be in time for Christmas presents. There are a few challenges involved, so success is not guaranteed.

Dale W4OP

----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 04, 2013 5:19 PM
Subject: [X1M_QRP-Transceiver] RE: Replacing the P.A. transistor in the X1M

Dale, you replaced it with the original transistor type, correct? This was a repair, not an upgrade?

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3657/6890 - Release Date: 12/04/13

No virus found in this message.
Checked by AVG - www.avg.com

Version: 2014.0.4259 / Virus Database: 3658/6892 - Release Date: 12/04/13

2656. Re: [X1M_QRP-Transceiver] X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 02:17:58 UTC
From: Charlie , W5COV
Topic: 2645 Message: 2656

The Xiegu filter, can also be used with any other radio if you have one Mike. I have a bare bones FT-857D that I have also tried it on. It REALLY helps on that one too. Dale still has the job of building one to fit inside, so that will keep him occupied for a while, when he is just sitting around with nothing to do . <grin> Front panel control and getting away from the Direct Conversion type problem with the X1M and being able to mount it inside, I can personally assure you is MUCH better than ever trying to make the needed changes in the radio, understood by the Chinese.

It REALLY will make a HUGE difference to CW operators, and to people not familiar with DC receiver type CW reception. It will also help those of you that like to listen to QRSS and other narrow band modes, like typically found below 500 kHz.

Don't forget the X1M is a general coverage receiver and there are a LOT of interesting things to listen to below 500 kHz. NAVTEX , Chasing NDB's , Part 5 experimental stations, Part 15 stations, (A Shameless plug for you to listen for my part 15 Lowfer beacon, running QRSS60 , on 185.298.4 kHz. , ID is CV) More information on the Yahoo group I own, part15 (No space between the part and 15)

Charlie, W5COV

On 12/4/2013 7:06 PM, mikejmardis@... wrote:
> Sorry! I spoke before I thought out what it was you were doing.
> Absolutely! I'm in.
>
> Sent from my iPhone
>
> On Dec 4, 2013, at 20:01, "Dale Parfitt" <parinc1@...
> <mailto:parinc1@...>> wrote:
>
>> The CW IF filter would prevent the AGC from reacting to off channel
>> signals- something an audio based filter cannot accomplish.
>> Hopefully, it might also solve the issue that currently exists of
>> hearing both sides of zero beat of all CW stations.
>> Dale W4OP
>>
>> ----- Original Message -----
>> *From:* mikejmardis@... <mailto:mikejmardis@...>
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>> *Sent:* Wednesday, December 04, 2013 7:40 PM
>> *Subject:* Re: [X1M_QRP-Transceiver] X1M CW Filter
>>

>> Sure. I would be interested. But I already have the external
>> filter. So it would be dependent on it being a substantial
>> improvement
>>
>> Sent from my iPhone
>>
>> > On Dec 4, 2013, at 19:07, "Dale Parfitt" <parinc1@...
>> <mailto:parinc1@...>> wrote:
>> >
>> > Diode steering is certainly a possibility - particularly if the
>> filter
>> > in/out Z is reasonably low.
>> >
>> > Dale W4OP
>> >
>> > ----- Original Message -----
>> > From: "Tim" <tim@... <mailto:tim@...>>
>> > To: <X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>>
>> > Sent: Wednesday, December 04, 2013 6:17 PM
>> > Subject: Re: [X1M_QRP-Transceiver] X1M CW Filter
>> >
>> >
>> >> I'm in... what about a couple of analog switches instead of
>> relays?
>> >>
>> >> I know... creeping elegance!
>> >>
>> >> Tim W5FN
>> >>
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>> >> Yahoo Groups Links
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>> >> -----
>> >> No virus found in this message.
>> >> Checked by AVG - www.avg.com <http://www.avg.com>
>> >> Version: 2014.0.4259 / Virus Database: 3658/6892 - Release
>> Date: 12/04/13
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>> > ------------------------------------
>> >
>> > Yahoo Groups Links

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>>
>> No virus found in this message.
>> Checked by AVG - www.avg.com <http://www.avg.com>
>> Version: 2014.0.4259 / Virus Database: 3658/6892 - Release Date:
>> 12/04/13
>>
>

2657. Re: [X1M_QRP-Transceiver] X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 02:37:03 UTC
From: Bill Smith
Topic: 2645 Message: 2657

Yes I did that mod first. Huge difference. Much easier to listen to and now I don't have to max out the gain. I usually run the volume around 11-12 o'clock position. You electronics folks are pretty amazing to me. I wish I would have paid closer attention in math <grin>

Bill Smith
KK6WLS

> On Dec 4, 2013, at 6:15 PM, "Dale Parfitt" <parinc1@...> wrote:
>
> Great Bill. One item I have not added to the manual is to do the Audio mod first and confirm you are getting a lot more audio. Then proceed on to the AGC board.
>
> Dale W4OP
> ----- Original Message -----
> From: Bill Smith
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Wednesday, December 04, 2013 8:48 PM
> Subject: Re: [X1M_QRP-Transceiver] X1M CW Filter
>
>
> Count me in. With all the help you provide this group and the resulting improvements, this rig just gets better and better. BTW, I' m about to get started assembling your AGC. A challenge for my eye sight. But like all the other suggested mods I've done to the rig; the results are fantastic!
> I'm glad to be a part of this journey.
>
> Bill
> KK6WLS
>
>> On Dec 4, 2013 2:39 PM, "Dale Parfitt" <parinc1@...> wrote:
>>
>>
>> Can I get a show of hands of anyone on the list that would have an interest in a crystal CW filter for the X1M? As I envision it, the filter (# of poles to be determined as well as BW) would be automatically enabled when CW mode was selected. The SMD board consisting of the crsytals, SMD caps, drive signal transistor buffer and 2 SMD reed relays would fit on the bottom of the top board. It would require cutting two traces on the current filter (which would still be selected for SSB/digital modes). This is very early on, but if enough interest I'll start on a design. Note: this will NOT be in time for Christmas presents. There are a few challenges involved, so success is not guaranteed.
>>
>> Dale W4OP
>>
>>
>> ----- Original Message -----

>> From: lphebus@...
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: Wednesday, December 04, 2013 5:19 PM
>> Subject: [X1M_QRP-Transceiver] RE: Replacing the P.A. transistor in the X1M
>>
>>
>> Dale, you replaced it with the original transistor type, correct? This was a repair, not an upgrade?
>>
>> No virus found in this message.
>> Checked by AVG - www.avg.com
>> Version: 2014.0.4259 / Virus Database: 3657/6890 - Release Date: 12/04/13
>>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus Database: 3658/6892 - Release Date: 12/04/13
>
>

2658. Interfacing For Digital Modes?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 04:12:41 UTC
From: rickmac06@frontier.com
Topic: 2658 Message: 2658

Forgive me if this has been covered already. I have spent the better part of the evening searching the forum and googleing without finding an answer.

I would like to use the X1M for PSK31. I was thinking of ordering either the "Easy Digi Interface" or the "SCI-6 PC Sound Card Interface Kit". My problem is that I do not understand how to interface the PTT using software control. I do not think that the DB9 connector has PTT command. There is no VOX on the X1M. Can someone enlighten me "in a dummy langauge, how to interface this radio's PTT for computer PTT?

Thanks and sorry for the dumb question.
Regards, John.

2659. Re: [X1M_QRP-Transceiver] Interfacing For Digital Modes?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 04:46:44 UTC
From: Charlie , W5COV
Topic: 2658 Message: 2659

Hi John,

If you look in the photos section , at least one of our members , one of the Lee's, /7 , has a homebuilt interface.

Paul and myself use the SignaLink USB for running digital. Many group members run digital modes all the time with the X1M.

I was not familiar with the interfaces that you mentioned and just took a quick look at what I believe to be the ones you refer to. They do look like they could be made to work with the X1M, but may require a slight bit of modification, maybe a single transistor on at least one of them to use for PTT. Didn't really study them, since I wasn't sure just what one you were talking about, there seem to be a couple with the same name.

Look at Lee's setup and maybe some others will post what they use. If you can't find something suitable , that you can understand don't be afraid that you are asking a stupid question, and we have plenty of people on here that are competent enough to help you get up and running on the digital modes, that also had to start somewhere and learn, thus having to ask people for help. Shoot I still ask questions today, so don't hesitate to ask for help.

I just took my nightly pain meds , after my Dr.'s visit today, so I am about to fall asleep. If you don't get some answers, by tomorrow, I'll have a look and see what we can come up with to get you going.

The only dumb questions are the ones that aren't asked , before stupid mistakes are made.

73, Charlie, W5COV

On 12/4/2013 10:12 PM, rickmac06@... wrote:
>
> Forgive me if this has been covered already. I have spent the better
> part of the evening searching the forum and googleing without finding
> an answer.
>
> I would like to use the X1M for PSK31. I was thinking of ordering
> either the "Easy Digi Interface" or the "SCI-6 PC Sound Card Interface
> Kit". My problem is that I do not understand how to interface the PTT
> using software control. I do not think that the DB9 connector has PTT
> command. There is no VOX on the X1M. Can someone enlighten me "in a
> dummy langauge, how to interface this radio's PTT for computer PTT?
>
> Thanks and sorry for the dumb question.
> Regards, John.

>
>

2660. RE: X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 07:29:55 UTC
From: <andreas.fuehrmann@...>
Topic: 2645 Message: 2660

I am interested!

Andy, DC3AFA

---In x1m_qrp-transceiver@yahoogroups.com, <parinc1@...> wrote:

☐ Can I get a show of hands of anyone on the list that would have an interest in a crystal CW filter for the X1M? As I envision it, the filter (# of poles to be determined as well as BW) would be automatically enabled when CW mode was selected. The SMD board consisting of the crsytals, SMD caps, drive signal transistor buffer and 2 SMD reed relays would fit on the bottom of the top board. It would require cutting two traces on the current filter (which would still be selected for SSB/digital modes). This is very early on, but if enough interest I'll start on a design. Note: this will NOT be in time for Christmas presents. There are a few challenges involved, so success is not guaranteed.

Dale W4OP

----- Original Message -----
From: lphebus@... mailto:lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com mailto:X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 04, 2013 5:19 PM
Subject: [X1M_QRP-Transceiver] RE: Replacing the P.A. transistor in the X1M

Dale, you replaced it with the original transistor type, correct? This was a repair, not an upgrade?

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4259 / Virus Database: 3657/6890 - Release Date: 12/04/13

2661. Re: Build a stand for your X1M out of DVD Case :-)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 07:51:37 UTC
From: <pooled@...>
Topic: 2598 Message: 2661

I did not realise just how small this radio is until you see it resting on a DVD case.
A great idea, thanks for sharing Rick.
Can't wait to get mine to replace the 6kg FT-707 I have been trying to use portable.

2662. Re: [X1M_QRP-Transceiver] X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 08:31:26 UTC
From: Victor Schensnovich
Topic: 2645 Message: 2662

Hi Dale. I am interested in CW filter very much! I work CW only.
Victor, UA1CEX.
05.12.2013 02:41, Dale Parfitt пишет:
>
> □
>
> Can I get a show of hands of anyone on the list that would have an
> interest in a crystal CW filter for the X1M? As I envision it, the
> filter (# of poles to be determined as well as BW) would be
> automatically enabled when CW mode was selected. The SMD board
> consisting of the crsytals, SMD caps, drive signal transistor buffer
> and 2 SMD reed relays would fit on the bottom of the top board. It
> would require cutting two traces on the current filter (which would
> still be selected for SSB/digital modes). This is very early on, but
> if enough interest I'll start on a design. Note: this will NOT be in
> time for Christmas presents. There are a few challenges involved, so
> success is not guaranteed.
> Dale W4OP
> ----- Original Message -----
>
> *From:* lphebus@... <mailto:lphebus@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Wednesday, December 04, 2013 5:19 PM
> *Subject:* [X1M_QRP-Transceiver] RE: Replacing the P.A. transistor
> in the X1M
>
> Dale, you replaced it with the original transistor type, correct?
> This was a repair, not an upgrade?
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3657/6890 - Release Date:
> 12/04/13
>
>

2663. Re: [X1M_QRP-Transceiver] X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 10:45:03 UTC
From: Hans H Vollmer
Topic: 2645 Message: 2663

Hi Dale,
please put me in too.

73 de
Hans, DF5SR

On Wednesday, December 4, 2013 11:39 PM, Dale Parfitt <parinc1@...> wrote:

☐
Can I get a show of hands of anyone on the list
that would have an interest in a crystal CW filter for the X1M? As I envision
it, the filter (# of poles to be determined as well as BW) would be
automatically enabled when CW mode was selected. The SMD board consisting of the
crsytals, SMD caps, drive signal transistor buffer and 2 SMD reed relays
would fit on the bottom of the top board. It would require cutting two
traces on the current filter (which would still be selected for SSB/digital
modes). This is very early on, but if enough interest I'll start on a design.
Note: this will NOT be in time for Christmas presents. There are a few
challenges involved, so success is not guaranteed.

Dale W4OP

----- Original Message -----
From: lphebus@...
>To: X1M_QRP-Transceiver@yahoogroups.com
>Sent: Wednesday, December 04, 2013 5:19 PM
>Subject: [X1M_QRP-Transceiver] RE: Replacing the P.A. transistor in the X1M
>
>
>Dale, you replaced it with the original transistor type, correct? This was a repair, not
an upgrade?
>No virus found in this message.
>Checked by AVG - www.avg.com
>Version: 2014.0.4259 / Virus
Database: 3657/6890 - Release Date: 12/04/13

2664. RE: X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 13:35:29 UTC
From: <om7avr@...>
Topic: 2645 Message: 2664

Hi Dale.
Please add me to the list. I am interested in CW filter.
Thank you.
Vladimir, OM7AVR

2665. Re: Interfacing For Digital Modes?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 14:35:08 UTC
From: Paul W. Ross
Topic: 2658 Message: 2665

The RS-232 connection on the back of the X1M is *ONLY* to control internal X1M modes, frequency, etc. There is NOT PTT on that connection, as you suspect. I use HRD/DM780, just because I am familiar with it and have it. Other packages work as well, but HRD provides a lot of functionality.

PTT (and audio input) has to be done through the microphone connector on the front. I like the SignaLink USB, as

1. It works reliably.

2. it is easy to set up.

My X1M came shipped with a spare 3.5 mm stereo plug, so I used that to cobble up an interface (1/2 of a Ethernet cable), and used a male-male 3.5 mm stereo jumper to get the audio from the back of the X1M to the SignaLink. Plugs and cables are available at Radio Shack, of course.

I believe we put a discussion of that issue in the "User's Guide" -- to be updated when we/I get the new radios, likely sometime next week. The User's Guide also addresses software concerns.

If you can't find the User's Guide in the files section of this group, e-mail me off-list, and I'll send you a PDF file (reflects older RS-232 interface). Christmas project is to bring it up-to-date, of course.

Interfaces -- both commercial and home-built do the following:

1. Isolate audio FROM the sound card to the microphone input -- allowing level setting.

2. Isolate audio TO the sound card and allow level setting.

3. Handle PTT by providing a ground or relay to key the transmitter. The SignaLink lets you set "hang time," which is important for modes like Feld Hell -- Hesschreiber, which are "keying" modes with a fair amount of space between characters, and the transmitter can switch from TX to RX.

The nice thing about the SignaLink (not familiar with the others) is that the SignaLink contains its own sound card and PTT circuit, relays, isolation transformer, etc., etc. All you have to do is set up the internal jumpers and attach the cables. It took more time to find my Allen wrench for the case and tweezers than to set the jumpers! The unit is compact, and is nice for field use with a computer such as a net book.

I "share" a SignaLink between my X1M and an Alinco DX-SR8 transceiver. Thus, my SignaLink to radio connection is the "Alinco standard" for me, thus not requiring that I re-do the jumpers on the SignaLink when I

switch radios -- just pick the proper microphone cable. The Alinco uses an 8-pin plug, and the X1M the 3.5 mm stereo plug, so there is not potential for confusion. Audio output on both radios is from the headphone jack.

Frankly, for the price -- less than $100 -- for the SignaLink, I would be hard pressed to get the parts together for a home-built interface. The SignaLink will interface to most any SSB transceiver and of course, those that do have a digital input like the Yaesu FT-817ND.

73 /paul W3FIS

2666. Re: Build a stand for your X1M out of DVD Case :-)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 15:17:36 UTC
From: rickmac06@frontier.com
Topic: 2598 Message: 2666

You are very welcome sir! Regards, Rick.

2667. Re: [X1M_QRP-Transceiver] X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 15:35:45 UTC
From: Tarunodjojo
Topic: 2645 Message: 2667

Hi Dale,

The two AGC kits arrived safely.. All good. I am also interested in the CW filters too..

Many thanks,
JOY/YB0NSI..

iPhone is Cool !

> On 5 Des 2013, at 17.45, Hans H Vollmer <hanshvollmer@...> wrote:
>
> Hi Dale,
> please put me in too.
>
> 73 de
> Hans, DF5SR
>
>
>
> On Wednesday, December 4, 2013 11:39 PM, Dale Parfitt <parinc1@...> wrote:
>
> □
> Can I get a show of hands of anyone on the list that would have an interest in a crystal CW filter for the X1M? As I envision it, the filter (# of poles to be determined as well as BW) would be automatically enabled when CW mode was selected. The SMD board consisting of the crsytals, SMD caps, drive signal transistor buffer and 2 SMD reed relays would fit on the bottom of the top board. It would require cutting two traces on the current filter (which would still be selected for SSB/digital modes). This is very early on, but if enough interest I'll start on a design. Note: this will NOT be in time for Christmas presents. There are a few challenges involved, so success is not guaranteed.
>
> Dale W4OP
>
>
> ----- Original Message -----
> From: lphebus@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Wednesday, December 04, 2013 5:19 PM
> Subject: [X1M_QRP-Transceiver] RE: Replacing the P.A. transistor in the X1M
>
>
> Dale, you replaced it with the original transistor type, correct? This was a repair, not an upgrade?
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus Database: 3657/6890 - Release Date: 12/04/13
>
>

>

2668. RE: Interfacing For Digital Modes?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 15:37:21 UTC
From: <lphebus@...>
Topic: 2658 Message: 2668

Hi John,

I built a digital interface for the X1M using the plans and circuit described on this web page http://www.g4ilo.com/usblink.html http://www.g4ilo.com/usblink.html . I made a few small modifications, mostly just an added potentiometer to attenuate the RX audio from the X1M before it is fed into the computer. I have used it frequently on WSPR and occasionally on PSK-31 with good results. The circuit is based on a USB sound card "dongle" that is readily available on ebay or Amazon http://www.amazon.com/HDE-Channel-External-Sound-Adapter/dp/B0027EMHM6/ref=sr_1_9?ie=UTF8&qid=1386257581&sr=8-9&keywords=USB+sound+card http://www.amazon.com/HDE-Channel-External-Sound-Adapter/dp/B0027EMHM6/ref=sr_1_9?ie=UTF8&qid=1386257581&sr=8-9&keywords=USB+sound+card $2.60 with free shipping... If you decide to go this way, I can provide additional information on the modifications and a few suggestions.

73 -Lee

2669. Re: Interfacing For Digital Modes?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 16:34:25 UTC
From: rickmac06@frontier.com
Topic: 2658 Message: 2669

Thanks Lee, this helps me big time. I would welcome your input on the modifications and suggestions. Of special interest would be the wiring breakout to and from the radio.
My personal email is rickmac06@...
Regards, John.

--- In X1M_QRP-Transceiver@yahoogroups.com, <lphebus@...> wrote:
>
> Hi John,
>
>
> I built a digital interface for the X1M using the plans and circuit described on this web page http://www.g4ilo.com/usblink.html http://www.g4ilo.com/usblink.html . I made a few small modifications, mostly just an added potentiometer to attenuate the RX audio from the X1M before it is fed into the computer. I have used it frequently on WSPR and occasionally on PSK-31 with good results. The circuit is based on a USB sound card "dongle" that is readily available on ebay or Amazon http://www.amazon.com/HDE-Channel-External-Sound-Adapter/dp/B0027EMHM6/ref=sr_1_9?ie=UTF8&qid=1386257581&sr=8-9&keywords=USB+sound+card http://www.amazon.com/HDE-Channel-External-Sound-Adapter/dp/B0027EMHM6/ref=sr_1_9?ie=UTF8&qid=1386257581&sr=8-9&keywords=USB+sound+card $2.60 with free shipping... If you decide to go this way, I can provide additional information on the modifications and a few suggestions.
>
>
> 73 -Lee
>

2670. Files Section

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 17:18:07 UTC
From: rickmac06@frontier.com
Topic: 2670 Message: 2670

Is anyone else having a problem getting the files section to load.
Everything else on the site seems to be loading fine.
John.

2671. Files Section

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 17:18:38 UTC
From: rickmac06@frontier.com
Topic: 2670 Message: 2671

Is anyone else having a problem getting the files section to load.
Everything else on the site seems to be loading fine.
John.

2672. Re: [Bulk] [X1M_QRP-Transceiver] Files Section

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 17:25:20 UTC
From: john
Topic: 2670 Message: 2672

i'm having trouble with files as well.

jj - wa8qca

On 12/05/2013 12:18 PM, rickmac06@... wrote:
>
> Is anyone else having a problem getting the files section to load.
> Everything else on the site seems to be loading fine.
> John.
>
>

2673. RE: Files Section

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 17:32:46 UTC
From: <andreas.fuehrmann@...>
Topic: 2670 Message: 2673

This section seems to be completely empty...

Andy, DC3AFA

2674. RE: RE: Files Section

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 17:34:52 UTC
From: <andreas.fuehrmann@...>
Topic: 2670 Message: 2674

It´s back again....

---In X1M_QRP-Transceiver@yahoogroups.com, <andreas.fuehrmann@...> wrote:

This section seems to be completely empty...

Andy, DC3AFA

2675. Re: [X1M_QRP-Transceiver] RE: Files Section

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 17:46:12 UTC
From: Charlie , W5COV
Topic: 2670 Message: 2675

Perhaps someone was doing updates at the time, or Yahoo sometimes does at times these days to be "out to lunch" on their groups and associated mail. I have seen message latency as much as 24 hours . Reminds me of another famous web site. <grin>

Yes I was so tired last night when I responded to the digital question, that I forgot to also add that the DB-9 plug is pretty much completely reserved, for factory or extremely experienced users.

Charlie, W5COV

On 12/5/2013 11:32 AM, andreas.fuehrmann@... wrote:
>
> This section seems to be completely empty...
>
>
> Andy, DC3AFA
>
>

2676. Kit Documents?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 19:56:00 UTC
From: Tim
Topic: 2658 Message: 2676

Hi Folks,

My kit came today! (long story... one of the original ones).

I looked through the files section, but didn't see any docs on where parts go, etc.

Just wondering if there was anything put out for the kits.

Thanks,

Tim W5FN

2677. Re: [X1M_QRP-Transceiver] Kit Documents?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 20:10:25 UTC
From: Charlie , W5COV
Topic: 2658 Message: 2677

Hi Tim,

Now that would be a story that I would love to hear . Did you receive any documentation at all on your kit ?

Now I don't know all of the members on this group, but I am familiar with a great number of them. However I am not aware of anyone that has built the kit.

It is pretty difficult to even get schematics , let alone board and mechanical, plus assembly documents.

I personally have never even seen a schematic for the kit, so I don't even know if it matches the original assembled model of the X1M.

I know the guys on here will do their best to help you , including myself, but frankly I don't even know where to start and I have even taken an X1M pretty much all apart, including removing parts to take measurements, count windings on toroids , make addition and mods.

Perhaps telling us EXACTLY what you DO have , will allow us to give you a better answer.

Some of us belong to other China radio groups, they might know more than I do, since I have only belonged to the other groups for a couple of months.

Charlie, W5COV

On 12/5/2013 1:56 PM, Tim wrote:
>
> Hi Folks,
>
> My kit came today! (long story... one of the original ones).
>
> I looked through the files section, but didn't see any docs on where
> parts go, etc.
>
> Just wondering if there was anything put out for the kits.
>
> Thanks,
>
> Tim W5FN
>
>

2678. Re: Interfacing For Digital Modes?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 20:25:52 UTC
From: <lphebus@...>
Topic: 2658 Message: 2678

John,

I posted some more photos with greater detail and a schematic including the mods. This, plus the info from http://www.g4ilo.com/usblink.html http://www.g4ilo.com/usblink.html , should be all you need. As you can see, my enclosure was designed to work with my Toshiba netbook. I am running digipan (PSK-31) and WSPR using the simple setup in the first picture. As you can see, the interface plugs into the computer via a USB port. The TX line from the interface goes into the X1M's front panel mic input, and the RX cable into the back panel's headphones output. The X1M is not modified in any way for this digital interface.

I also run HRD version 5.24.0.38 (including DM780) using an additional interface cable for rig control. The little netbook handles all this well, although the screen is a bit small. This is a fairly portable setup.

Let me know if you have further questions.

Lee

2679. Re: Interfacing For Digital Modes?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 20:29:28 UTC
From: rickmac06@frontier.com
Topic: 2658 Message: 2679

Thanks Lee! I will look over the material. If I have any questions I will let you know. Thanks again, John.

--- In X1M_QRP-Transceiver@...m, <lphebus@...> wrote:
>
> John,
>
>
> I posted some more photos with greater detail and a schematic including the mods. This, plus the info from http://www.g4ilo.com/usblink.html http://www.g4ilo.com/usblink.html , should be all you need. As you can see, my enclosure was designed to work with my Toshiba netbook. I am running digipan (PSK-31) and WSPR using the simple setup in the first picture. As you can see, the interface plugs into the computer via a USB port. The TX line from the interface goes into the X1M's front panel mic input, and the RX cable into the back panel's headphones output. The X1M is not modified in any way for this digital interface.
>
>
> I also run HRD version 5.24.0.38 (including DM780) using an additional interface cable for rig control. The little netbook handles all this well, although the screen is a bit small. This is a fairly portable setup.
>
>
>
> Let me know if you have further questions.
>
>
>
> Lee
>

2680. Re: [X1M_QRP-Transceiver] Kit Documents?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 20:42:27 UTC
From: Tim
Topic: 2658 Message: 2680

Hey Charlie,

Thanks for the reply (and all the work that you've done)!!

It's pretty simple, now that I've gotten into it. there's only certain places things can go.

Documents? only a single chinese written paper. (but my buddy who I got it from has some additional documentation)

I believe that the original schematics are identical to this radio.. will see. Have to stuff a few parts (including the LM386), but don't <think> it will be a big deal.

Got all of the 'obvious' parts in.. there are a couple of coax jumpers that I need to make.

Also came with SO-239... but my PL-259 wouldn't screw on very far!! (as if I'm surprised). Found a 'real' one in the connectors box, so I'll use that one.

I got Dale's AGC kit, so will put it to use once I get the box running correctly.

It did come with a couple of flat sheets of copper with notches cut out - looks like some shields. Apparently, one goes over the bandpass filters, and the other over the final. (at least that's about the only places that the dimensions line up)!

Thanks & will keep you posted.

Tim W5FN

>
>
> Hi Tim,
>
> Now that would be a story that I would love to hear . Did you receive
> any documentation at all on your kit ?
>
> Now I don't know all of the members on this group, but I am familiar
> with a great number of them. However I am not aware of anyone that has
> built the kit.
>
> It is pretty difficult to even get schematics , let alone board and
> mechanical, plus assembly documents.
>
> I personally have never even seen a schematic for the kit, so I don't

> even know if it matches the original assembled model of the X1M.
>
> I know the guys on here will do their best to help you , including
> myself, but frankly I don't even know where to start and I have even
> taken an X1M pretty much all apart, including removing parts to take
> measurements, count windings on toroids , make addition and mods.
>
> Perhaps telling us EXACTLY what you DO have , will allow us to give
> you a better answer.
>
> Some of us belong to other China radio groups, they might know more
> than I do, since I have only belonged to the other groups for a couple
> of months.
>
> Charlie, W5COV
>
>
> On 12/5/2013 1:56 PM, Tim wrote:
>>
>> Hi Folks,
>>
>> My kit came today! (long story... one of the original ones).
>>
>> I looked through the files section, but didn't see any docs on where
>> parts go, etc.
>>
>> Just wondering if there was anything put out for the kits.
>>
>> Thanks,
>>
>> Tim W5FN
>>
>
>
>
>

2681. Re: [X1M_QRP-Transceiver] Interfacing For Digital Modes?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 20:55:36 UTC
From: M_AND_R_SHAREF
Topic: 2658 Message: 2681

I have the SCI-6 and use it for Mars with fldigi. The whole set up will go through your mic. and head phones. The SCI-6 uses an opto isolator for the PTT. You come off your head phone jack of the radio to the mic. input of your computer through the SCI-6. You come off the head phone jack of the computer to the SCI-6 then to the mic. input of the radio. You use the USB from the computer to the PTT on the SCI-6 that goes to the mic. plug. I did it a bit different. I use a manual PTT switch that I added to my mic. to computer switch box so I could go back and forth during my Mars nets. I have three or four digital programs running at once, Olivia, MT63, M110A , ect. By using a manual PTT switch I don't have to worry about the different programs fighting over who controls the USB.

On Wed, Dec 4, 2013 at 11:12 PM, rickmac06@... <
rickmac06@...> wrote:

>
>
> Forgive me if this has been covered already. I have spent the better part
> of the evening searching the forum and googleing without finding an answer.
>
> I would like to use the X1M for PSK31. I was thinking of ordering either
> the "Easy Digi Interface" or the "SCI-6 PC Sound Card Interface Kit". My
> problem is that I do not understand how to interface the PTT using software
> control. I do not think that the DB9 connector has PTT command. There is no
> VOX on the X1M. Can someone enlighten me "in a dummy langauge, how to
> interface this radio's PTT for computer PTT?
>
> Thanks and sorry for the dumb question.
> Regards, John.
>
>
>

2682. Re: [X1M_QRP-Transceiver] Re: Interfacing For Digital Modes?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 20:58:05 UTC
From: Charlie , W5COV
Topic: 2658 Message: 2682

Hi Lee,

Like I really need another project :) Do you have a specific link or model number to the modem that you used ?

I often build up "spares" of projects, so in case I run into someone that needs one and for one reason or another can't build it , then I have one to send to them.

I just happened to have a SignaLink USB, that I bought when they first came out,that had previously been used with my FT-857 .

If you have any spare warm weather I sure could use a delivery of that. We are about frozen in, with lots of ice and snow on the way. The temperatures are supposed to drop down around zero to a little below, through the weekend. So besides the 160 meter contest this weekend, I plan on finishing up a few projects and starting a couple of more, so I can see what parts that I need to order. (Sure could use Arizona on 160 , if you get on for the contest :)

I hope EVERYBODY gets on 160 for the weekend. I REALLY need about every state and county in the entire USA, since I reset my logbook to zero earlier this year . Looking forward to working ALL of the current X1M owners possible on EVERY BAND & MODE POSSIBLE !! I am also THRILLED to see we are getting an influx of new X1M owners. More people to work !!

With all of the new radios just in time for Christmas , perhaps we should set up some special nets or operating events for ALL of the X1M users ALL OVER THE WORLD , starting January 1, 2014. Maybe someone can organize a net, contest, or some kind of awards just for the X1M community. First WAS, WAC, DXCC, we need a person to set up and coordinate some events for X1M users to collect some special pieces of paper.

Maybe keep track of EVERY contact you make with the X1M in 2014 and total the different categories up at the end of the year and see what the numbers look like. Maybe even have a few certificates printed out for different categories for contact made with the X1M ONLY !!

OKAY HEY I STILL LOVE THIS LITTLE RADIO AND STAY EXCITED ABOUT IT !!!!

Charlie, W5COV

On 12/5/2013 2:25 PM, lphebus@... wrote:
>
> John,
>

>
> I posted some more photos with greater detail and a schematic
> including the mods. This, plus the info from
> http://www.g4ilo.com/usblink.html , should be all you need. As you
> can see, my enclosure was designed to work with my Toshiba netbook. I
> am running digipan (PSK-31) and WSPR using the simple setup in the
> first picture. As you can see, the interface plugs into the computer
> via a USB port. The TX line from the interface goes into the X1M's
> front panel mic input, and the RX cable into the back panel's
> headphones output. The X1M is not modified in any way for this
> digital interface.
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>
> I also run HRD version 5.24.0.38 (including DM780) using an additional
> interface cable for rig control. The little netbook handles all this
> well, although the screen is a bit small. This is a fairly portable
> setup.
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>
> Let me know if you have further questions.
>
>
> Lee
>
>

2683. Re: [X1M_QRP-Transceiver] Kit Documents?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 21:08:01 UTC
From: Charlie , W5COV
Topic: 2658 Message: 2683

Keep us informed Tim. Yeah the original SO-239 had metric threads on them. Yes I have had both of those shields off . If you need us to verify anything I can check it against the early X1M actual board, if they are the same, like you think.

Charlie , W5COV

On 12/5/2013 2:42 PM, Tim wrote:
>
> Hey Charlie,
>
> Thanks for the reply (and all the work that you've done)!!
>
> It's pretty simple, now that I've gotten into it. there's only
> certain places things can go.
>
> Documents? only a single chinese written paper. (but my buddy who I
> got it from has some additional documentation)
>
> I believe that the original schematics are identical to this radio..
> will see. Have to stuff a few parts (including the LM386), but don't
> <think> it will be a big deal.
>
> Got all of the 'obvious' parts in.. there are a couple of coax jumpers
> that I need to make.
>
> Also came with SO-239... but my PL-259 wouldn't screw on very far!!
> (as if I'm surprised). Found a 'real' one in the connectors box, so
> I'll use that one.
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> I got Dale's AGC kit, so will put it to use once I get the box running
> correctly.
>
> It did come with a couple of flat sheets of copper with notches cut
> out - looks like some shields. Apparently, one goes over the bandpass
> filters, and the other over the final. (at least that's about the
> only places that the dimensions line up)!
>
> Thanks & will keep you posted.
>
> Tim W5FN
>
>
>
>

>> Hi Tim,
>>
>> Now that would be a story that I would love to hear . Did you receive
>> any documentation at all on your kit ?
>>
>> Now I don't know all of the members on this group, but I am familiar
>> with a great number of them. However I am not aware of anyone that
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>> It is pretty difficult to even get schematics , let alone board and
>> mechanical, plus assembly documents.
>>
>> I personally have never even seen a schematic for the kit, so I don't
>> even know if it matches the original assembled model of the X1M.
>>
>> I know the guys on here will do their best to help you , including
>> myself, but frankly I don't even know where to start and I have even
>> taken an X1M pretty much all apart, including removing parts to take
>> measurements, count windings on toroids , make addition and mods.
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>> Perhaps telling us EXACTLY what you DO have , will allow us to give
>> you a better answer.
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>> Some of us belong to other China radio groups, they might know more
>> than I do, since I have only belonged to the other groups for a
>> couple of months.
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>> Charlie, W5COV
>>
>>
>> On 12/5/2013 1:56 PM, Tim wrote:
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>>> Hi Folks,
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>>> My kit came today! (long story... one of the original ones).
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>>> I looked through the files section, but didn't see any docs on where
>>> parts go, etc.
>>>
>>> Just wondering if there was anything put out for the kits.
>>>
>>> Thanks,
>>>
>>> Tim W5FN
>>>
>>
>
>

2684. Re: [X1M_QRP-Transceiver] Re: Interfacing For Digital Modes?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-05 22:38:33 UTC
From: <lphebus@...>
Topic: 2658 Message: 2684

Charlie,

I bought a couple of these http://www.amazon.com/gp/product/B007HISGRW/ref=oh_details_o09_s00_i00?ie=UTF8&psc=1 http://www.amazon.com/gp/product/B007HISGRW/ref=oh_details_o09_s00_i00?ie=UTF8&psc=1 took a while to get here from China, but the price was right and free shipping. If you search Amazon for "USB sound card" you will see a lot that look like the one in the original g4ilo post http://www.g4ilo.com/usblink.html http://www.g4ilo.com/usblink.html . I've built 2 of the interfaces with slightly different versions of that USB dongle and they all have worked well. The one on the g4ilo page and the ones I used all say "7.1 channel sound" or something like that at the top... so I would stick with that subset. I would be surprised if the whole interface cost more than $5 in parts. It might be nice to externalize the TX and RX attenuation pots, like on the signalink device (I have one too and they are great), but once you get them set right, the computer volume controls are adequate.

You keep having great ideas about the X1M. I admire your ambition but I'm a bit lazy... I learned a while ago, ideas are easy, implementation is hard ;-)

Lee

2685. RE: Antenna Tuner to compliment X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-06 04:51:57 UTC
From: <ko4xl@...>
Topic: 646 Message: 2685

QRPkits sells a SOTA tuner for about $30 - it's a very basic device intended only to match an end fed half wave but it's very compact.
I wanted something a little more general-purpose so I built a little L-network tuner into an Altoids tin. The parts cost was somewhere in the $10-$20 range and it only took a couple of evenings. If you want to see it, take a look at http://www.qsl.net/ko4xl/altunah.html
http://www.qsl.net/ko4xl/altunah.html

2686. Original to Pro upgrade

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-06 04:54:43 UTC
From: <ko4xl@...>
Topic: 2686 Message: 2686

Has anyone performed the upgrade yet who would care to share their experience?

2687. Re: [X1M_QRP-Transceiver] Original to Pro upgrade

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-06 05:05:50 UTC
From: Charlie , W5COV
Topic: 2686 Message: 2687

I have performed the upgrade. Takes just a very few minutes. Make sure you upgrade to the latest version of firmware when you make the change. It is like an entirely new radio and you will be VERY pleased with the night and day difference in the radio.

The audio update is also a great addition and if you want it to be as current as possible, like almost everyone else is doing, the AGC kit and mod make it a radio that can compete EASILY with radios or kits costing twice as much.

Still people experimenting with internal add on boards , that will make it an absolutely unbelievable rig. There IS NO COMPETITION AT ALL IN ITS CLASS NOW !!

Then if you want to build another internal mod inside of the microphone, you can even add speech processing!!

You will also enjoy the added full ham band coverage on the 5 filtered bands, that you have had to do without, up until now.

Charlie, W5COV

On 12/5/2013 10:54 PM, ko4xl@... wrote:
>
> Has anyone performed the upgrade yet who would care to share their
> experience?
>
>
>

2688. AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-06 13:50:47 UTC
From: Victor Schensnovich
Topic: 775 Message: 2688

Hi Dale. Today, I got AGC parts. Hope, tomorrow I install it in X1M.
Looking forward for CW filter mod.
Thank you very much!
Victor, UA1CEX.

2689. Re: [X1M_QRP-Transceiver] RE: Antenna Tuner to compliment X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-06 14:34:11 UTC
From: Bastress, David G
Topic: 646 Message: 2689

GM Bruce,

Looked at your tuner on your website. Didn't see any component values mentioned for the inductors you used or a schematic for that matter. I can deduce the schematic from our description but not the inductor values. :-)

Dave K3GAU

On Thu, Dec 5, 2013 at 11:51 PM, <ko4xl@...> wrote:

>
>
> QRPkits sells a SOTA tuner for about $30 - it's a very basic device
> intended only to match an end fed half wave but it's very compact.
>
> I wanted something a little more general-purpose so I built a little
> L-network tuner into an Altoids tin. The parts cost was somewhere in the
> $10-$20 range and it only took a couple of evenings. If you want to see
> it, take a look at http://www.qsl.net/ko4xl/altunah.html
>
>
>

2690. Re: [X1M_QRP-Transceiver] X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-06 18:57:33 UTC
From: jon
Topic: 2645 Message: 2690

Great idea, put me on the list!

On Wed, 4 Dec 2013, Dale Parfitt wrote:

>
>
> ☐Can I get a show of hands of anyone on the list that would have an interest
> in a crystal CW filter for the X1M? As I envision it, the filter (# of
> poles to be determined as well as BW) would be automatically enabled when CW
> mode was selected. The SMD board consisting of the crsytals, SMD caps, drive
> signal transistor buffer and 2 SMD reed relays would fit on the bottom of
> the top board. It would require cutting two traces on the current filter
> (which would still be selected for SSB/digital modes). This is very early
> on, but if enough interest I'll start on a design. Note: this will NOT be
> in time for Christmas presents. There are a few challenges involved, so
> success is not guaranteed.
>
> Dale W4OP
>
>
> ----- Original Message -----
> From: lphebus@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Wednesday, December 04, 2013 5:19 PM
> Subject: [X1M_QRP-Transceiver] RE: Replacing the P.A. transistor in
> the X1M
>
>
>
> Dale, you replaced it with the original transistor type, correct?
> This was a repair, not an upgrade?
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus Database: 3657/6890 - Release Date:
> 12/04/13
>
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>
>
>

2691. Problems with X1M Plat.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-06 18:52:20 UTC
From: <john_bell38@...>
Topic: 2691 Message: 2691

Hello

2 problems with X1M Platinum, version number is V3.01b

1. Receives fine, problem is transmit, ssb and cw have a raspy sound to them this makes the recovered audio unpleasant and difficult to understand when monitoring on another receiver. A fellow local amateur also monitored and commented the same.

2. Power is in spec (min 4.5W) except for the first 150kHz of the 10m band where the power drops to 2W. I could understand this if the spec sheet did not state power equal to or greater than 4.5W.

Any help would be appreciated as I do not want to return the product unless I have to, I like it.

Regards John M0GFN

2692. Re: [X1M_QRP-Transceiver] Problems with X1M Plat.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-06 18:59:22 UTC
From: Dale Parfitt
Topic: 2691 Message: 2692

I would put a known 50 Ohm termination on the X1M through a coaxial Tee- place a small wire on the unused Tee port so that you can pick up the signal on your receiver, Make sure you are on one of the non WARC bands. What is your power supply? Is it shielded so RF is not an issue and is it capable of supplying the necessary TX current?

Dale W4OP
----- Original Message -----
From: john_bell38@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, December 06, 2013 1:52 PM
Subject: [X1M_QRP-Transceiver] Problems with X1M Plat.

Hello

2 problems with X1M Platinum, version number is V3.01b

1. Receives fine, problem is transmit, ssb and cw have a raspy sound to them this makes the recovered audio unpleasant and difficult to understand when monitoring on another receiver. A fellow local amateur also monitored and commented the same.

2. Power is in spec (min 4.5W) except for the first 150kHz of the 10m band where the power drops to 2W. I could understand this if the spec sheet did not state power equal to or greater than 4.5W.

Any help would be appreciated as I do not want to return the product unless I have to, I like it.

Regards John M0GFN

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6896 - Release Date: 12/06/13

2693. Re: [X1M_QRP-Transceiver] Problems with X1M Plat.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-06 19:14:07 UTC
From: <john_bell38@...>
Topic: 2691 Message: 2693

Hi Dale

Done all of that, tried it on 3 different power supplies(including heavy duty) and also battery. Tried it with ferrite clamp chokes on power lead and / or mic lead/keying lead. Only using radio on non-warc bands only.
Additionally the receiver (monitor) is detecting some carrier, this could be just due the proximity of the transmitter or a problem with the X1M.
I wondered if there was anything I could change in the menu but the receive section of the X1M is spot on so the set must be setup fine.

Will have a look with the scope this evening to see if the output looks ok.

Thanks John

2694. Re: [X1M_QRP-Transceiver] Problems with X1M Plat.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-06 19:35:59 UTC
From: Dale Parfitt
Topic: 2691 Message: 2694

Have a listen on 9MHz as you loosely couple to U5C. This is where the Audio chain gets mixed with 9MHz. See what that sounds like. The 9MHz (from memory) is generated by one of two DDS IC's on the top board and gets cleaned up by a 2 pole crystal filter at 9MHz. The exact frequency of the DDS is dependent on menu settings for LSB/USB/CWYou might want to count that DDS BFO during TX also.

Dale W4OP
----- Original Message -----
From: john_bell38@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, December 06, 2013 2:14 PM
Subject: Re: [X1M_QRP-Transceiver] Problems with X1M Plat.

Hi Dale

Done all of that, tried it on 3 different power supplies(including heavy duty) and also battery. Tried it with ferrite clamp chokes on power lead and / or mic lead/keying lead.

Only using radio on non-warc bands only.

Additionally the receiver (monitor) is detecting some carrier, this could be just due the proximity of the transmitter or a problem with the X1M.

I wondered if there was anything I could change in the menu but the receive section of the X1M is spot on so the set must be setup fine.

Will have a look with the scope this evening to see if the output looks ok.

Thanks John

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6896 - Release Date: 12/06/13

2695. RE: Replacing the P.A. transistor in the X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-07 03:07:51 UTC
From: <lphebus@...>
Topic: 2641 Message: 2695

Dale,

What kind (brand) of desoldering station do you use? I use copper braid, but the newer "plate through holes" boards are difficult to desolder. Thanks --Lee

2696. Re: [X1M_QRP-Transceiver] RE: Replacing the P.A. transistor in the X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-07 03:21:00 UTC
From: Dale Parfitt
Topic: 2641 Message: 2696

I have a Hakko 808. They are occasionally on sale for $190 or so. Makes through hole clean out a snap.

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, December 06, 2013 10:07 PM
Subject: [X1M_QRP-Transceiver] RE: Replacing the P.A. transistor in the X1M

Dale,

What kind (brand) of desoldering station do you use? I use copper braid, but the newer "plate through holes" boards are difficult to desolder. Thanks --Lee

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6898 - Release Date: 12/06/13

2697. Re: [X1M_QRP-Transceiver] RE: Replacing the P.A. transistor in the X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-07 04:02:02 UTC
From: <lphebus@...>
Topic: 2641 Message: 2697

Thanks, I'll get myself one for Christmas :-)

2698. 160 Meter Contest

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-07 04:53:28 UTC
From: Charlie , W5COV
Topic: 2698 Message: 2698

This weekend is the perfect weekend to add to pretty much ANY of your counts on 160 , if you collect paper or just keep track for self satisfaction .

Also a good weekend for any of you that have never operated 160 meters before to take the X1M for a "test drive" at least listening to this band. (LSB)

You may just discover the thrill, excitement, and attraction to MF and LF . listening and talking .I am addicted to these frequencies :)

You might just want to build yourself a filter to get on 160 , which by the way is quite a popular QRP band in the Winter.

You will find a whole new world of interesting stations to listen to down below the Broadcast Band also. From experimental ham type operators, to military, airport NDB's, NAVTEX, Part 15 Experimental Beacons,Foreign Broadcast Stations, running almost every mode that you can imagine too.

If you are down in the zero and below temperature areas, with snow , ice , etc. then those are the perfect conditions for these frequencies. They are primarily Winter time bands.

Get a hot cup of coffee, throw another log on the fire, and sit back and enjoy radio on the frequencies that were used by the old time hams and for ships the world over. An excellent experience if you have never tried it.

Charlie , W5COV

2699. Firmware versions/differences/applicable radio versions, etc

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-07 05:21:47 UTC
From: tim
Topic: 2698 Message: 2699

Hi Folks,

I just got my 'kit' version on the air, and it seems to be doing well. (original Blue boards, had to stuff a few parts, etc).

The thing that jumps out at me right now is the difference in the way the upper portion of 80 & 40 sound (no filtering issue & 9mhz blow-by).

Anyway, these two bands can be 'fixed' by moving the band edges up to the full 4.00 /7.3mHz stops.

I seem to remember some chatter on the group about this way back when, but since I didn't have a radio, I didn't pay much attention.

I looked in the files area, but did not see any documentation as to what version software was shipped with what radio, what versions are applicable for which hardware, etc.

I know that the new platinum firmware probably won't function properly in my early revision board. (although I plan on getting a new front panel).

Is there a firmware version that makes these mods (and possibly more) that would be applicable to my box?

Thanks all!

Tim W5FN

2700. RE: 160 Meter Contest

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-07 05:25:18 UTC
From: <lphebus@...>
Topic: 2698 Message: 2700

Thanks Charlie, great post... I'll try it. I remember your instructions on tying together the ladderline on the old G5RV!

2701. Re: [X1M_QRP-Transceiver] Firmware versions/differences/applicable radio versions, etc

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-07 06:19:47 UTC
From: Charlie , W5COV
Topic: 2698 Message: 2701

Hi Tim ,

Although I have never tried it , I don't think any of the software will work with this radio , without the front panel , due to the difference in button functions and their configurations , as well as the display change.

As far as I am aware, the factory only supplied the one version of software/firmware that was shipped with the radio from the factory.

I have never seen an update for the original X1M, only for the PRO (AKA Platinum) models.

73, Charlie , W5COV

On 12/6/2013 11:21 PM, tim wrote:
>
> Hi Folks,
>
> I just got my 'kit' version on the air, and it seems to be doing well.
> (original Blue boards, had to stuff a few parts, etc).
>
> The thing that jumps out at me right now is the difference in the way
> the upper portion of 80 & 40 sound (no filtering issue & 9mhz blow-by).
>
> Anyway, these two bands can be 'fixed' by moving the band edges up to
> the full 4.00 /7.3mHz stops.
>
> I seem to remember some chatter on the group about this way back when,
> but since I didn't have a radio, I didn't pay much attention.
>
> I looked in the files area, but did not see any documentation as to what
> version software was shipped with what radio, what versions are
> applicable for which hardware, etc.
>
> I know that the new platinum firmware probably won't function properly
> in my early revision board. (although I plan on getting a new front
> panel).
>
> Is there a firmware version that makes these mods (and possibly more)
> that would be applicable to my box?
>
> Thanks all!
>
> Tim W5FN

>
>

2702. AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-07 09:30:03 UTC
From: Victor Schensnovich
Topic: 775 Message: 2702

Hi Dale. Today, I installed AGC. Everything works fine.
Thank you!
Victor, UA1CEX.

Это сообщение свободно от вирусов и вредоносного ПО благодаря защите от вирусов avast!
http://www.avast.com

2703. Re: [X1M_QRP-Transceiver] AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-07 14:50:35 UTC
From: Dale Parfitt
Topic: 775 Message: 2703

Excellent Victor- congrats,

Dale W4OP
----- Original Message -----
From: Victor Schensnovich
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, December 07, 2013 4:30 AM
Subject: [X1M_QRP-Transceiver] AGC

Hi Dale. Today, I installed AGC. Everything works fine.
Thank you!
Victor, UA1CEX.

Это сообщение свободно от вирусов и вредоносного ПО благодаря защите от вирусов avast!
http://www.avast.com

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6898 - Release Date: 12/06/13

2704. Re: [X1M_QRP-Transceiver] AGC

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-07 15:29:32 UTC
From: mikejmardis@...
Topic: 775 Message: 2704

Just received the email. My radio should be shipping today

Sent from my iPhone

> On Dec 7, 2013, at 9:50, "Dale Parfitt" <parinc1@...> wrote:
>
> □
>
> Excellent Victor- congrats,
>
> Dale W4OP
> ----- Original Message -----
> From: Victor Schensnovich
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Saturday, December 07, 2013 4:30 AM
> Subject: [X1M_QRP-Transceiver] AGC
>
>
> Hi Dale. Today, I installed AGC. Everything works fine.
> Thank you!
> Victor, UA1CEX.
>
> ---
> Это сообщение свободно от вирусов и вредоносного ПО благодаря защите от вирусов avast!
> http://www.avast.com
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus Database: 3658/6898 - Release Date: 12/06/13
>
>

2705. Re: [X1M_QRP-Transceiver] RE: 160 Meter Contest

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-07 19:40:39 UTC
From: Charlie , W5COV
Topic: 2698 Message: 2705

Yes Lee, that is what I am using for the antenna and conditions have been very good so far. Guys might want to build up a 160 meter filter for the X1M , since the season is just now starting to get good and there are more contests coming up. They have to cram as much 160 meter operation in to the Winter months as they possibly can and it really is a fun band to operate.

I have the QRP model of the FT-707S, but unfortunately it doesn't cover 160 , so maybe someone will come up with a transverter for it . That rig has been my primary QRP rig for many years and I love it, but most seem to have been sold across the pond, so I keep my fingers crossed that nothing goes wrong with it that is a part that I can't get my hands on. It stays in the radio room, while the X1M is so convenient size wise it stays at my desktop computer location. Would like to find some accessories for the FT-707 , or a non working "spare" QRP model , to have on hand "just in case."

Have fun and work some 160 !!! MANY of you will likely get 'hooked" on MF/LF.

Now an old timers rule of thumb for the LF bands especially. The prime operating months for these frequencies are the only the ones that have the letter "R" in their spelling . How is that for a bit of trivia ?? LOL

Charlie, W5COV

On 12/6/2013 11:25 PM, lphebus@... wrote:
>
> Thanks Charlie, great post... I'll try it. I remember your
> instructions on tying together the ladderline on the old G5RV!
>
>

2706. Re: [X1M_QRP-Transceiver] RE: 160 Meter Contest

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-07 19:48:30 UTC
From: mikejmardis@...
Topic: 2698 Message: 2706

Charlie , what's ur email. I have a couple of dongles coming. I would like to discuss building the upverter for HF

Sent from my iPhone

> On Dec 7, 2013, at 14:40, "Charlie , W5COV" <cvest@...> wrote:
>
> Yes Lee, that is what I am using for the antenna and conditions have been very good so far. Guys might want to build up a 160 meter filter for the X1M , since the season is just now starting to get good and there are more contests coming up. They have to cram as much 160 meter operation in to the Winter months as they possibly can and it really is a fun band to operate.
>
> I have the QRP model of the FT-707S, but unfortunately it doesn't cover 160 , so maybe someone will come up with a transverter for it . That rig has been my primary QRP rig for many years and I love it, but most seem to have been sold across the pond, so I keep my fingers crossed that nothing goes wrong with it that is a part that I can't get my hands on. It stays in the radio room, while the X1M is so convenient size wise it stays at my desktop computer location. Would like to find some accessories for the FT-707 , or a non working "spare" QRP model , to have on hand "just in case."
>
> Have fun and work some 160 !!! MANY of you will likely get 'hooked" on MF/LF.
>
> Now an old timers rule of thumb for the LF bands especially. The prime operating months for these frequencies are the only the ones that have the letter "R" in their spelling . How is that for a bit of trivia ?? LOL
>
> Charlie, W5COV
>
>> On 12/6/2013 11:25 PM, lphebus@... wrote:
>>
>> Thanks Charlie, great post... I'll try it. I remember your instructions on tying together the ladderline on the old G5RV!
>>
>
>

2707. Re: [X1M_QRP-Transceiver] RE: 160 Meter Contest

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-07 19:55:02 UTC
From: Charlie , W5COV
Topic: 2698 Message: 2707

Hi Mike ,

My e-mail address is cvest AT cox.net

Charlie, W5COV

On 12/7/2013 1:48 PM, mikejmardis@... wrote:
> Charlie , what's ur email. I have a couple of dongles coming. I would
> like to discuss building the upverter for HF
>
> Sent from my iPhone
>
> On Dec 7, 2013, at 14:40, "Charlie , W5COV" <cvest@...
> <mailto:cvest@...>> wrote:
>
>> Yes Lee, that is what I am using for the antenna and conditions have
>> been very good so far. Guys might want to build up a 160 meter filter
>> for the X1M , since the season is just now starting to get good and
>> there are more contests coming up. They have to cram as much 160
>> meter operation in to the Winter months as they possibly can and it
>> really is a fun band to operate.
>>
>> I have the QRP model of the FT-707S, but unfortunately it doesn't
>> cover 160 , so maybe someone will come up with a transverter for it .
>> That rig has been my primary QRP rig for many years and I love it,
>> but most seem to have been sold across the pond, so I keep my fingers
>> crossed that nothing goes wrong with it that is a part that I can't
>> get my hands on. It stays in the radio room, while the X1M is so
>> convenient size wise it stays at my desktop computer location. Would
>> like to find some accessories for the FT-707 , or a non working
>> "spare" QRP model , to have on hand "just in case."
>>
>> Have fun and work some 160 !!! MANY of you will likely get 'hooked"
>> on MF/LF.
>>
>> Now an old timers rule of thumb for the LF bands especially. The
>> prime operating months for these frequencies are the only the ones
>> that have the letter "R" in their spelling . How is that for a bit of
>> trivia ?? LOL
>>
>> Charlie, W5COV
>>
>> On 12/6/2013 11:25 PM, lphebus@... wrote:
>>>
>>> Thanks Charlie, great post... I'll try it. I remember your
>>> instructions on tying together the ladderline on the old G5RV!

>>>
>>
>

2708. Firmware

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-08 00:38:54 UTC
From: tim
Topic: 775 Message: 2708

Will the latest firmware work with the original X1M?

(looking for firmware for my oldie-but-goodie with extended 40 & 80 meter bands.

Thanks,

Tim W5FN

2709. RE: [X1M_QRP-Transceiver] Firmware

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-08 00:43:23 UTC
From: Fred VE3FAL
Topic: 775 Message: 2709

Tim:
I believe you have to change out the front panel to make it work, if you go back in some of the emails you should find the answer or topic on this.

Fred
VE3FAL

-----Original Message-----
From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of tim
Sent: December 7, 2013 7:39 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Firmware

Will the latest firmware work with the original X1M?

(looking for firmware for my oldie-but-goodie with extended 40 & 80 meter bands.

Thanks,

Tim W5FN

Yahoo Groups Links

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2710. Quality Surplus Parts For Builders (OT) ?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-08 03:36:53 UTC
From: Charlie , W5COV
Topic: 2710 Message: 2710

Even though the X1M is an excellent plug and play radio right out of the box , the ham / experimenter is also attracted to it because of its versatility to adapt to other projects as well.

Charles Wenzel , a VERY well known engineer world wide, also has hobbyist electronics as his hobby. You can check out all kinds of cheap and easy circuits and devices to build on his hobby page : www.techlib.com , be certain to check out the circuits tab at the top. for even more projects.

He owns two super high tech electronics manufacturing companies and has now opened an outlet on eBay to dispose of used/tested items that have been returned for refurb and upgrades, plus new parts that are now no longer used in his current production products. These are top of the line parts .

You can check out his line of production products if you want to see the class of the parts required at:

www.wenzel.com , or his other company , www.crovencrystals.com

Be sure and add him to your favorite sellers list. His surplus parts are listed under seller name wenzelassociates

I use as many of his parts and products in my home building projects as possible. I have 2 of his 10MHz. OCXO's to lock my test gear to and to also lock my DDS-VFO's to for perfect frequency accuracy on all of my beacons. I have roughly 6 beacons , that I can configure to operate different digital modes from nearly DC through 30 MHz.

I also will be locking my 6 meter and 600 meter transverter for the X1M with these OCXO's and also be able to use an Adafruit GPS that outputs a 1 pps signal.

So if you are looking for parts have a look. **AGAIN NO FINANCIAL INTEREST, JUST A VERY SATISFIED CUSTOMER**

Charlie , W5COV

2711. RE: Quality Surplus Parts For Builders (OT) ?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-08 04:35:27 UTC
From: <lphebus@...>
Topic: 2710 Message: 2711

I could not agree more... Great guy!!!

2712. AGC is a GO!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 01:57:00 UTC
From: tim
Topic: 2710 Message: 2712

Dale,

Just a FYI to let you know I got the AGC board installed in my kit X1M.

Worked 1st time out.. Thanks for a great job!!

Tim W5FN

2713. Re: [X1M_QRP-Transceiver] AGC is a GO!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 02:07:44 UTC
From: Dale Parfitt
Topic: 2710 Message: 2713

Great stuff Tim-congrats, and thanks for the update.

Dale W4OP
----- Original Message -----
From: tim
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 08, 2013 8:57 PM
Subject: [X1M_QRP-Transceiver] AGC is a GO!!

Dale,

Just a FYI to let you know I got the AGC board installed in my kit X1M.

Worked 1st time out.. Thanks for a great job!!

Tim W5FN

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6902 - Release Date: 12/08/13

2714. low pass filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 02:26:48 UTC
From: <lphebus@...>
Topic: 2714 Message: 2714

Hi, any suggestions on low pass filters I could purchase for use on the X1M output for the ham bands the X1M does not "officially" cover? For example, I would like to use WSPR on 30 meters, but probably should add an appropriate LPF between the transceiver and antenna (correct?). Kitsandparts,com (http://www.kitsandparts.com/ http://www.kitsandparts.com/) has a series of kits available and this would be my first choice. But to complicate matters, they have a number of different choices and I am uncertain which is "best".. Also Hans Summers (http://www.hanssummers.com/lpfkit.html http://www.hanssummers.com/lpfkit.html) has LPF kits that I have seen discussed on this site. I assume I need a separate filter for each of the ham bands (2, 30, 17 and 12 m) not covered by the X1M's specified "official" bands (80, 40, 20, 15 and 10 m)... correct? Sorry to appear ignorant, but sometimes the truth shines through ;-) Any suggestions, the more specific the better, would be appreciated.

Thanks -Lee

2715. Re: [X1M_QRP-Transceiver] low pass filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 02:37:08 UTC
From: mikejmardis@...
Topic: 2714 Message: 2715

I need this answered too!

Sent from my iPhone

> On Dec 8, 2013, at 21:26, <lphebus@...> wrote:
>
> Hi, any suggestions on low pass filters I could purchase for use on the X1M output for the ham bands the X1M does not "officially" cover? For example, I would like to use WSPR on 30 meters, but probably should add an appropriate LPF between the transceiver and antenna (correct?). Kitsandparts,com (http://www.kitsandparts.com/) has a series of kits available and this would be my first choice. But to complicate matters, they have a number of different choices and I am uncertain which is "best".. Also Hans Summers (http://www.hanssummers.com/lpfkit.html) has LPF kits that I have seen discussed on this site. I assume I need a separate filter for each of the ham bands (2, 30, 17 and 12 m) not covered by the X1M's specified "official" bands (80, 40, 20, 15 and 10 m)... correct? Sorry to appear ignorant, but sometimes the truth shines through ;-) Any suggestions, the more specific the better, would be appreciated.
>
>
> Thanks -Lee
>

2716. Re: [X1M_QRP-Transceiver] low pass filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 03:46:41 UTC
From: Dale Parfitt
Topic: 2714 Message: 2716

Hi X1M Gang,
If you guys don't need filters pronto, maybe we can come up with a filter kit just for the X1M (I promise, not surface mount). Say, a board that has space for 4-5 filters, and you can populate it with whatever bands you want. The board would have relay switching on the board so you only have to switch +12VDC to the appropriate band relay- done by a small rotary switch. The only questionable band might be 17M based on the SA plots supplied recently by one of our members.
Right now, I am characterizing 100 9MHz crystals for our other project.

Dale W4OP

I need this answered too!

Sent from my iPhone

On Dec 8, 2013, at 21:26, <lphebus@yahoo.com> wrote:

Hi, any suggestions on low pass filters I could purchase for use on the X1M output for the ham bands the X1M does not "officially" cover? For example, I would like to use WSPR on 30 meters, but probably should add an appropriate LPF between the transceiver and antenna (correct?). Kitsandparts,com (http://www.kitsandparts.com/) has a series of kits available and this would be my first choice. But to complicate matters, they have a number of different choices and I am uncertain which is "best".. Also Hans Summers (http://www.hanssummers.com/lpfkit.html) has LPF kits that I have seen discussed on this site. I assume I need a separate filter for each of the ham bands (2, 30, 17 and 12 m) not covered by the X1M's specified "official" bands (80, 40, 20, 15 and 10 m)... correct? Sorry to appear ignorant, but sometimes the truth shines through ;-) Any suggestions, the more specific the better, would be appreciated.

Thanks -Lee

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6902 - Release Date: 12/08/13

2717. Re: [X1M_QRP-Transceiver] low pass filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 04:06:16 UTC
From: Charlie , W5COV
Topic: 2714 Message: 2717

Hi Guys,

Both of those sources are very reliable sources and either one would be a good choice. Yes it requires one filter for every band that you want to operate on.

My own personal opinion, and I do business REGULARLY with both of these companies, is that in this case, that unless you only want to add one band to your X1M , then Hans is the most sensible choice, as soon as his newest product is available.

He is currently working on a 5 band board, which should be in production any day now. It also has plug in filters so you could even have more bands if you didn't mind having a box of loose filters to swap out with one on the board .
http://www.hanssummers.com/shop.html?page=shop.product_details&flypage=flypage.tpl&product_id=49&category_id=6

The price is VERY reasonable in my opinion.

Hans also offers filters down to 2200 meters , 600 meters , etc. I built a 1750 meter one too.

What I would REALLY prefer , is a couple or more of guys here on the group , to put their talents together and design a board and filters and maybe a few other accessories for the X1M. I am not computer literate enough to draw up the boards and create a web site, that would contain even more help and information for X1M users.

If I remember correctly it would take 10 additional filters, to cover all of the WARC bands and ALL of the experimental bands .

The accessories "could" be used for other radios, but it would also be nice to see what this extremely talented group of users and designers,software,hardware, and other builders,tinkerers and designers, could come up with and know that the items would positively work with the X1M.

Starting tomorrow, sounds like we should start seeing more and more of an influx of X1M owners daily. THAT is what thrills me !!! Would love to see them immediately sell out and get ready for yet another hopefully even larger production run !!

Charlie , W5COV

On 12/8/2013 8:37 PM, mikejmardis@... wrote:
> I need this answered too!
>

> Sent from my iPhone
>
> On Dec 8, 2013, at 21:26, <lphebus@...
> <mailto:lphebus@...>> wrote:
>
>> Hi, any suggestions on low pass filters I could purchase for use on
>> the X1M output for the ham bands the X1M does not "officially" cover?
>> For example, I would like to use WSPR on 30 meters, but probably
>> should add an appropriate LPF between the transceiver and antenna
>> (correct?). Kitsandparts,com (http://www.kitsandparts.com/) has a
>> series of kits available and this would be my first choice. But to
>> complicate matters, they have a number of different choices and I am
>> uncertain which is "best".. Also Hans Summers
>> (http://www.hanssummers.com/lpfkit.html) has LPF kits that I have
>> seen discussed on this site. I assume I need a separate filter for
>> each of the ham bands (2, 30, 17 and 12 m) not covered by the X1M's
>> specified "official" bands (80, 40, 20, 15 and 10 m)... correct?
>> Sorry to appear ignorant, but sometimes the truth shines through ;-)
>> Any suggestions, the more specific the better, would be appreciated.
>>
>>
>> Thanks -Lee
>

2718. Re: [X1M_QRP-Transceiver] low pass filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 04:14:32 UTC
From: Bastress, David G
Topic: 2714 Message: 2718

GE Dale,

I would be interested in a filter board. I might be interested in the xtal filter for cw but I would like to get my X1M first and see what I think of it as it comes from the factory.

Dave K3GAU
On Dec 8, 2013 10:45 PM, "Dale Parfitt" <parinc1@...> wrote:

>
>
>
> Hi X1M Gang,
> If you guys don't need filters pronto, maybe we can come up with a filter
> kit just for the X1M (I promise, not surface mount). Say, a board that has
> space for 4-5 filters, and you can populate it with whatever bands you
> want. The board would have relay switching on the board so you only have
> to switch +12VDC to the appropriate band relay- done by a small rotary
> switch. The only questionable band might be 17M based on the SA plots
> supplied recently by one of our members.
> Right now, I am characterizing 100 9MHz crystals for our other project.
>
> Dale W4OP
>
> I need this answered too!
>
> Sent from my iPhone
>
> On Dec 8, 2013, at 21:26, <lphebus@...> wrote:
>
>
>
>
> Hi, any suggestions on low pass filters I could purchase for use on the
> X1M output for the ham bands the X1M does not "officially" cover? For
> example, I would like to use WSPR on 30 meters, but probably should add an
> appropriate LPF between the transceiver and antenna (correct?).
> Kitsandparts,com (http://www.kitsandparts.com/) has a series of kits
> available and this would be my first choice. But to complicate matters,
> they have a number of different choices and I am uncertain which is
> "best".. Also Hans Summers (http://www.hanssummers.com/lpfkit.html) has
> LPF kits that I have seen discussed on this site. I assume I need a
> separate filter for each of the ham bands (2, 30, 17 and 12 m) not covered
> by the X1M's specified "official" bands (80, 40, 20, 15 and 10 m)...
> correct? Sorry to appear ignorant, but sometimes the truth shines through
> ;-) Any suggestions, the more specific the better, would be appreciated.
>

>
> Thanks -Lee
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus Database: 3658/6902 - Release Date: 12/08/13
>
>

2719. Re: [X1M_QRP-Transceiver] low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 04:15:38 UTC
From: tim
Topic: 2714 Message: 2719

Dale,

I was looking at the spectrum of my 'kit' version out of bands, and it is utterly terrible. not just multiples of the fundamental, but a lot of trash.

I further looked, and there are actually 6 bandpass filters, not 5, as the 5 are for the 'normal' bands that it covers.

It kind of looks like (and I haven't investigated this fully), that the 6th filter may be what is in there for the non-ham bands (or WARC). It passes everything.

So, at least with the version I have (just looking at the schematics), I'm not sure just a low pass filter on the output will really help a whole lot.

I'll have a look at the 6th filter & see what it does, and when it's energized... have to look on the output of that hc238 decoder to see.

Just thought I'd give a heads up. (hoping that I am totally wrong).

Tim W5FN

> □
>
> Hi X1M Gang,
> If you guys don't need filters pronto, maybe we can come up with a
> filter kit just for the X1M (I promise, not surface mount). Say, a
> board that has space for 4-5 filters, and you can populate it with
> whatever bands you want. The board would have relay switching on the
> board so you only have to switch +12VDC to the appropriate band relay-
> done by a small rotary switch. The only questionable band might be 17M
> based on the SA plots supplied recently by one of our members.
> Right now, I am characterizing 100 9MHz crystals for our other
> project.
>
> Dale W4OP
>
> I need this answered too!
>
> Sent from my iPhone
>
> On Dec 8, 2013, at 21:26, <lphebus@...> wrote:
>
> Hi, any suggestions on low pass filters I could purchase for use on

> the X1M output for the ham bands the X1M does not "officially" cover?
> For example, I would like to use WSPR on 30 meters, but probably
> should add an appropriate LPF between the transceiver and antenna
> (correct?). Kitsandparts,com (http://www.kitsandparts.com/ [1]) has a
> series of kits available and this would be my first choice. But to
> complicate matters, they have a number of different choices and I am
> uncertain which is "best".. Also Hans Summers
> (http://www.hanssummers.com/lpfkit.html [2]) has LPF kits that I have
> seen discussed on this site. I assume I need a separate filter for
> each of the ham bands (2, 30, 17 and 12 m) not covered by the X1M's
> specified "official" bands (80, 40, 20, 15 and 10 m)... correct?
> Sorry to appear ignorant, but sometimes the truth shines through ;-)
> Any suggestions, the more specific the better, would be appreciated.
>
> Thanks -Lee
>
> No virus found in this message.
> Checked by AVG - www.avg.com [3]
> Version: 2014.0.4259 / Virus Database: 3658/6902 - Release Date:
> 12/08/13
>
>
>
> Links:
> ------
> [1] http://www.kitsandparts.com/
> [2] http://www.hanssummers.com/lpfkit.html
> [3] http://www.avg.com
> [4]
> http://groups.yahoo.com/group/X1M_QRP-Transceiver/join;_ylc=X3oDMTJnNGhzazgyBF9TAzk3NDc2NTkwBGdycElkAzg3MDY0NTk1BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNzdG5ncwRzdGltZQMxMzg2NTYwNzM4
> [5]
> http://groups.yahoo.com/group/X1M_QRP-Transceiver;_ylc=X3oDMTJlNGViajkyBF9TAzk3NDc2NTkwBGdycElkAzg3MDY0NTk1BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNocGYEc3RpbWUDMTM4NjU2MDczOA
--
> [6] http://info.yahoo.com/legal/us/yahoo/utos/terms/

2720. Re: [X1M_QRP-Transceiver] low pass filters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 04:17:00 UTC
From: mikejmardis@...
Topic: 2714 Message: 2720

I'm in

Sent from my iPhone

> On Dec 8, 2013, at 22:46, "Dale Parfitt" <parinc1@...> wrote:
>
> □
>
> Hi X1M Gang,
> If you guys don't need filters pronto, maybe we can come up with a filter kit just for the X1M (I promise, not surface mount). Say, a board that has space for 4-5 filters, and you can populate it with whatever bands you want. The board would have relay switching on the board so you only have to switch +12VDC to the appropriate band relay- done by a small rotary switch. The only questionable band might be 17M based on the SA plots supplied recently by one of our members.
> Right now, I am characterizing 100 9MHz crystals for our other project.
>
> Dale W4OP
> I need this answered too!
>
> Sent from my iPhone
>
>> On Dec 8, 2013, at 21:26, <lphebus@...> wrote:
>>
>>
>> Hi, any suggestions on low pass filters I could purchase for use on the X1M output for the ham bands the X1M does not "officially" cover? For example, I would like to use WSPR on 30 meters, but probably should add an appropriate LPF between the transceiver and antenna (correct?). Kitsandparts,com (http://www.kitsandparts.com/) has a series of kits available and this would be my first choice. But to complicate matters, they have a number of different choices and I am uncertain which is "best".. Also Hans Summers (http://www.hanssummers.com/lpfkit.html) has LPF kits that I have seen discussed on this site. I assume I need a separate filter for each of the ham bands (2, 30, 17 and 12 m) not covered by the X1M's specified "official" bands (80, 40, 20, 15 and 10 m)... correct? Sorry to appear ignorant, but sometimes the truth shines through ;-) Any suggestions, the more specific the better, would be appreciated.
>>
>>
>> Thanks -Lee
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus Database: 3658/6902 - Release Date: 12/08/13
>
>

2721. Re: [X1M_QRP-Transceiver] low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 04:17:05 UTC
From: tim
Topic: 2714 Message: 2721

Mebbe the BPFilters are just for receive...

Will look later.

Tim W5FN

> Dale,
>
> I was looking at the spectrum of my 'kit' version out of bands, and it
> is utterly terrible. not just multiples of the fundamental, but a lot
> of trash.
>
> I further looked, and there are actually 6 bandpass filters, not 5, as
> the 5 are for the 'normal' bands that it covers.
>
> It kind of looks like (and I haven't investigated this fully), that the
> 6th filter may be what is in there for the non-ham bands (or WARC). It
> passes everything.
>
> So, at least with the version I have (just looking at the schematics),
> I'm not sure just a low pass filter on the output will really help a
> whole lot.
>
> I'll have a look at the 6th filter & see what it does, and when it's
> energized... have to look on the output of that hc238 decoder to see.
>
> Just thought I'd give a heads up. (hoping that I am totally wrong).
>
> Tim W5FN
>
>
>> □
>>
>> Hi X1M Gang,
>> If you guys don't need filters pronto, maybe we can come up with a
>> filter kit just for the X1M (I promise, not surface mount). Say, a
>> board that has space for 4-5 filters, and you can populate it with
>> whatever bands you want. The board would have relay switching on the
>> board so you only have to switch +12VDC to the appropriate band relay-
>> done by a small rotary switch. The only questionable band might be 17M
>> based on the SA plots supplied recently by one of our members.
>> Right now, I am characterizing 100 9MHz crystals for our other
>> project.
>>
>> Dale W4OP

>>
>> I need this answered too!
>>
>> Sent from my iPhone
>>
>> On Dec 8, 2013, at 21:26, <lphebus@...> wrote:
>>
>> Hi, any suggestions on low pass filters I could purchase for use on
>> the X1M output for the ham bands the X1M does not "officially" cover?
>> For example, I would like to use WSPR on 30 meters, but probably
>> should add an appropriate LPF between the transceiver and antenna
>> (correct?). Kitsandparts,com (http://www.kitsandparts.com/ [1]) has a
>> series of kits available and this would be my first choice. But to
>> complicate matters, they have a number of different choices and I am
>> uncertain which is "best".. Also Hans Summers
>> (http://www.hanssummers.com/lpfkit.html [2]) has LPF kits that I have
>> seen discussed on this site. I assume I need a separate filter for
>> each of the ham bands (2, 30, 17 and 12 m) not covered by the X1M's
>> specified "official" bands (80, 40, 20, 15 and 10 m)... correct?
>> Sorry to appear ignorant, but sometimes the truth shines through ;-)
>> Any suggestions, the more specific the better, would be appreciated.
>>
>> Thanks -Lee
>>
>> No virus found in this message.
>> Checked by AVG - www.avg.com [3]
>> Version: 2014.0.4259 / Virus Database: 3658/6902 - Release Date:
>> 12/08/13
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>>
>>
>> Links:
>> ------
>> [1] http://www.kitsandparts.com/
>> [2] http://www.hanssummers.com/lpfkit.html
>> [3] http://www.avg.com
>> [4]
>> http://groups.yahoo.com/group/X1M_QRP-Transceiver/join;_ylc=X3oDMTJnNGhzazgyBF9TAzk3NDc2NTkwBGdyc
ElkAzg3MDY0NTk1BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNzdG5ncwRzdGltZQMxMzg2NTY
wNzM4
>> [5]
>> http://groups.yahoo.com/group/X1M_QRP-Transceiver;_ylc=X3oDMTJlNGViajkyBF9TAzk3NDc2NTkwBGdycElkAz
g3MDY0NTk1BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNocGYEc3RpbWUDMTM4NjU2MDczO
A--
>> [6] http://info.yahoo.com/legal/us/yahoo/utos/terms/
>
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>

> Yahoo Groups Links
>
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>

2722. Re: [X1M_QRP-Transceiver] low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 17:12:46 UTC
From: <lphebus@...>
Topic: 2714 Message: 2722

So, as I understand your (very helpful) post, outside of the bands "supported" by the X1M, the transmit signal is very noisy and a simple LPF probably will not be enough to clean the TX adequately for interference-free use. I suspect that this means a band pass filter? Or perhaps something more complicated? My spectrum analyzer tops out at 12 MHz, but I'll take a look and try to educate myself on this topic. Thanks for the "heads up".

2723. Re: [X1M_QRP-Transceiver] low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 19:19:34 UTC
From: Dale Parfitt
Topic: 2714 Message: 2723

Assuming Salvador's X1M is operating properly, the spectral plots he placed in the Files section for 17M show products that are WAY too close in to the fundamental to ever be removed by passive L-C filters, regardless of their topology or complexity. The close in 12M "stuff" is likely far enough below the carrier to not effect signal quality

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 12:12 PM
Subject: Re: [X1M_QRP-Transceiver] low pass filter s

So, as I understand your (very helpful) post, outside of the bands "supported" by the X1M, the transmit signal is very noisy and a simple LPF probably will not be enough to clean the TX adequately for interference-free use. I suspect that this means a band pass filter? Or perhaps something more complicated? My spectrum analyzer tops out at 12 MHz, but I'll take a look and try to educate myself on this topic. Thanks for the "heads up".

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6903 - Release Date: 12/09/13

2724. Re: [X1M_QRP-Transceiver] low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 19:24:25 UTC
From: mikejmardis@...
Topic: 2714 Message: 2724

So basically, 17m (my favorite band) is out?

Sent from my iPhone

> On Dec 9, 2013, at 14:19, "Dale Parfitt" <parinc1@...> wrote:
>
> □
>
> Assuming Salvador's X1M is operating properly, the spectral plots he placed in the Files section for 17M show products that are WAY too close in to the fundamental to ever be removed by passive L-C filters, regardless of their topology or complexity. The close in 12M "stuff" is likely far enough below the carrier to not effect signal quality
>
> Dale W4OP
> ----- Original Message -----
> From: lphebus@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Monday, December 09, 2013 12:12 PM
> Subject: Re: [X1M_QRP-Transceiver] low pass filter s
>
>
> So, as I understand your (very helpful) post, outside of the bands "supported" by the X1M, the transmit signal is very noisy and a simple LPF probably will not be enough to clean the TX adequately for interference-free use. I suspect that this means a band pass filter? Or perhaps something more complicated? My spectrum analyzer tops out at 12 MHz, but I'll take a look and try to educate myself on this topic. Thanks for the "heads up".
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus Database: 3658/6903 - Release Date: 12/09/13
>
>

2725. Re: Help Please with posting

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 20:14:19 UTC
From: ken fest
Topic: 2714 Message: 2725

Hello, I can replay to a message from this group, I am a member but when I click on New Topic, nothing happens.
Does anyone have good info for using the new Yahoo groups? It is driving me crazy.

By the way I received my Pro today and it is working well. I have measured power on all 5 bands and would like to post data before I modify the final transistor.

Also would like to search the groups messages to find out how to open the transmit on the Pro. Can't search anything. The new groups are not cool.
Ken

On Mon, 12/9/13, Dale Parfitt <parinc1@frontier.com> wrote:

Subject: Re: [X1M_QRP-Transceiver] low pass filter s
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Monday, December 9, 2013, 2:19 PM

□

Assuming Salvador's X1M
is operating properly, the
spectral plots he placed in the Files section for
17M show products
that are WAY too close in to the fundamental to ever be
removed by passive L-C
filters, regardless of their topology or complexity. The
close in 12M "stuff" is
likely far enough below the carrier to not effect
signal
quality

Dale W4OP

----- Original Message -----

From:
lphebus@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday,
December 09, 2013 12:12
PM
Subject: Re:
[X1M_QRP-Transceiver] low
pass filter s

So, as I understand your (very helpful) post,
 outside of the bands
"supported" by the X1M, the transmit
signal is very noisy and a simple
 LPF probably will not be enough to clean the TX
 adequately for
interference-free use.   I suspect that this means a
band pass filter?
  Or perhaps something more complicated?   My
spectrum analyzer tops
out at 12 MHz, but I'll take a look and try to educate
myself on this topic.
  Thanks for the "heads up".

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6903 - Release Date:
12/09/13

2726. Re: [X1M_QRP-Transceiver] low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 20:21:04 UTC
From: Dale Parfitt
Topic: 2714 Message: 2726

We'll have to see what several radios look like. But as others have pointed out, a 9MHz IF/BFO is a poor choice for an 18MHz transmitter.

Dale
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 2:24 PM
Subject: Re: [X1M_QRP-Transceiver] low pass filter s

So basically, 17m (my favorite band) is out?

Sent from my iPhone

On Dec 9, 2013, at 14:19, "Dale Parfitt" <parinc1@...> wrote:

☐

Assuming Salvador's X1M is operating properly, the spectral plots he placed in the Files section for 17M show products that are WAY too close in to the fundamental to ever be removed by passive L-C filters, regardless of their topology or complexity. The close in 12M "stuff" is likely far enough below the carrier to not effect signal quality

Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 12:12 PM
Subject: Re: [X1M_QRP-Transceiver] low pass filter s

So, as I understand your (very helpful) post, outside of the bands "supported" by the X1M, the transmit signal is very noisy and a simple LPF probably will not be enough to clean the TX adequately for interference-free use. I suspect that this means a band pass filter? Or perhaps something more complicated? My spectrum analyzer tops out at 12 MHz, but I'll take a look and try to educate myself on this topic. Thanks for the "heads up".

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6903 - Release Date: 12/09/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6903 - Release Date: 12/09/13

2727. Re: [X1M_QRP-Transceiver] Re: Help Please with posting

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 20:44:12 UTC
From: Bastress, David G
Topic: 2714 Message: 2727

GA Ken,

According to the User's Guide for the X1M, under the 'Systems Menu' it is item number 11. "FBND TX:0" is the default value and limits the TXing to the 5 designated bands. I assume setting "TX:1" would open up the transmitter.

Anyway item #11 is the one you want. You do so at your own peril.

Dave K3GAU

On Mon, Dec 9, 2013 at 3:14 PM, ken fest <disklog@yahoo.com> wrote:

>
>
> Hello, I can replay to a message from this group, I am a member but when I
> click on New Topic, nothing happens.
> Does anyone have good info for using the new Yahoo groups? It is driving
> me crazy.
>
> By the way I received my Pro today and it is working well. I have measured
> power on all 5 bands and would like to post data before I modify the final
> transistor.
>
> Also would like to search the groups messages to find out how to open the
> transmit on the Pro. Can't search anything. The new groups are not cool.
> Ken
> ---
> On Mon, 12/9/13, Dale Parfitt <parinc1@...> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] low pass filter s
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Monday, December 9, 2013, 2:19 PM
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> Assuming Salvador's X1M
> is operating properly, the
> spectral plots he placed in the Files section for
> 17M show products
> that are WAY too close in to the fundamental to ever be
> removed by passive L-C
> filters, regardless of their topology or complexity. The
> close in 12M "stuff" is
> likely far enough below the carrier to not effect
> signal
> quality
>
> Dale W4OP
>
> ----- Original Message -----
>
> From:
> lphebus@...
>
> To: X1M_QRP-Transceiver@yahoogroups.com
>
>
> Sent: Monday,
> December 09, 2013 12:12
> PM
> Subject: Re:
> [X1M_QRP-Transceiver] low
> pass filter s
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>
> So, as I understand your (very helpful) post,
> outside of the bands
> "supported" by the X1M, the transmit

> signal is very noisy and a simple
> LPF probably will not be enough to clean the TX
> adequately for
> interference-free use. I suspect that this means a
> band pass filter?
> Or perhaps something more complicated? My
> spectrum analyzer tops
> out at 12 MHz, but I'll take a look and try to educate
> myself on this topic.
> Thanks for the "heads up".
>
> No virus found in this
> message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus
> Database: 3658/6903 - Release Date:
> 12/09/13
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2728. Re: [X1M_QRP-Transceiver] Re: Help Please with posting

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 20:57:26 UTC
From: Dale Parfitt
Topic: 2714 Message: 2728

I don't like the new pages either Ken. However, I do get a message form when I click on New Topic with either my desktop or my Netbook. OS is XP Pro on both machines and Google Chrome browser.

Dale W4OP
----- Original Message -----
From: ken fest
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 3:14 PM
Subject: [X1M_QRP-Transceiver] Re: Help Please with posting

Hello, I can replay to a message from this group, I am a member but when I click on New Topic, nothing happens.
Does anyone have good info for using the new Yahoo groups? It is driving me crazy.

By the way I received my Pro today and it is working well. I have measured power on all 5 bands and would like to post data before I modify the final transistor.

Also would like to search the groups messages to find out how to open the transmit on the Pro. Can't search anything. The new groups are not cool.
Ken

On Mon, 12/9/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] low pass filter s
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Monday, December 9, 2013, 2:19 PM

☐

Assuming Salvador's X1M
is operating properly, the
spectral plots he placed in the Files section for
17M show products
that are WAY too close in to the fundamental to ever be
removed by passive L-C
filters, regardless of their topology or complexity. The
close in 12M "stuff" is
likely far enough below the carrier to not effect
signal
quality

Dale W4OP

----- Original Message -----

From:
lphebus@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday,
December 09, 2013 12:12
PM
Subject: Re:
[X1M_QRP-Transceiver] low
pass filter s

So, as I understand your (very helpful) post,
outside of the bands
"supported" by the X1M, the transmit
signal is very noisy and a simple
LPF probably will not be enough to clean the TX
adequately for
interference-free use. I suspect that this means a
band pass filter?
Or perhaps something more complicated? My
spectrum analyzer tops
out at 12 MHz, but I'll take a look and try to educate
myself on this topic.
Thanks for the "heads up".

No virus found in this
message.
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Version: 2014.0.4259 / Virus
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No virus found in this message.
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Version: 2014.0.4259 / Virus Database: 3658/6903 - Release Date: 12/09/13

2729. Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 20:57:06 UTC
From: rickmac06@frontier.com
Topic: 2714 Message: 2729

Bummer!!! My wife just ordered me a 17Meter Band Pass Filter for Christmas. 17 is my favorite band. BUMMER! Has anyone crossed this bridge yet and is using the X1M cleanly on 17M ?

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Assuming Salvador's X1M is operating properly, the spectral plots he placed in the Files section for 17M show products that are WAY too close in to the fundamental to ever be removed by passive L-C filters, regardless of their topology or complexity. The close in 12M "stuff" is likely far enough below the carrier to not effect signal quality

2730. Re: [X1M_QRP-Transceiver] Re: Help Please with posting

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 21:19:21 UTC
From: ken fest
Topic: 2714 Message: 2730

Thank you david!
I can't imagine what is wrong with my yahoo groups. It won't allow me to do anything.
Why are so many modern improvements actually a step backward?
Ken

On Mon, 12/9/13, Bastress, David G <bastress@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] Re: Help Please with posting
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Monday, December 9, 2013, 3:44 PM

GA Ken, According
to the User's Guide for the X1M, under the
'Systems Menu' it is item number 11. "FBND
TX:0" is the default value and limits the TXing to the
5 designated bands. I assume setting "TX:1"
would open up the transmitter.
 Anyway item #11 is the one you want. You
do so at your own peril. Dave
K3GAU

On Mon, Dec 9, 2013 at
3:14 PM, ken fest <disklog@yahoo.com>
wrote:

Hello, I can replay to a message from this group, I
am a member but when I click on New Topic, nothing happens.

Does anyone have good info for using the new Yahoo groups?
It is driving me crazy.

By the way I received my Pro today and it is working well. I
have measured power on all 5 bands and would like to post
data before I modify the final transistor.

Also would like to search the groups messages to find out
how to open the transmit on the Pro. Can't search
anything. The new groups are not cool.

Ken

On Mon, 12/9/13, Dale Parfitt <parinc1@...>
wrote:

Subject: Re: [X1M_QRP-Transceiver] low pass filter s

To: X1M_QRP-Transceiver@yahoogroups.com

Date: Monday, December 9, 2013, 2:19 PM

Assuming Salvador's X1M

is operating properly, the

spectral plots he placed in the Files section for

17M show products

that are WAY too close in to the fundamental to ever be

removed by passive L-C

filters, regardless of their topology or complexity. The

close in 12M "stuff" is

likely far enough below the carrier to not effect

signal

quality

Dale W4OP

----- Original Message -----

From:

lphebus@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday,

December 09, 2013 12:12

PM

Subject: Re:

[X1M_QRP-Transceiver] low

pass filter s

So, as I understand your (very helpful) post,

 outside of the bands

"supported" by the X1M, the transmit

signal is very noisy and a simple

 LPF probably will not be enough to clean the TX

adequately for

interference-free use. I suspect that this means a

band pass filter?

  Or perhaps something more complicated? My

spectrum analyzer tops

out at 12 MHz, but I'll take a look and try to
educate

myself on this topic.

  Thanks for the "heads up".

No virus found in this

message.

Checked by AVG - www.avg.com

Version: 2014.0.4259 / Virus

Database: 3658/6903 - Release Date:

12/09/13

2731. Re: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 21:30:23 UTC
From: r mason
Topic: 2714 Message: 2731

Almost in the same boat. Just received some new filter kits from
Kits&Parts for 17 and 30 meters. When they are in place I'll take a
look with my SDR receiver and see what the output looks like.
I think Charlie has been running his X1M on 17 meters. Maybe he has a
solution/comments.
Roger N4HSI

On 12/9/2013 3:57 PM, rickmac06@... wrote:
>
> Bummer!!! My wife just ordered me a 17Meter Band Pass Filter for
> Christmas. 17 is my favorite band. BUMMER! Has anyone crossed this
> bridge yet and is using the X1M cleanly on 17M ?
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt"
> <parinc1@...> wrote:
> >
> > Assuming Salvador's X1M is operating properly, the spectral plots he
> placed in the Files section for 17M show products that are WAY too
> close in to the fundamental to ever be removed by passive L-C filters,
> regardless of their topology or complexity. The close in 12M "stuff"
> is likely far enough below the carrier to not effect signal quality
>
>

2732. Re: [X1M_QRP-Transceiver] Re: Help Please with posting

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 21:31:27 UTC
From: Bastress, David G
Topic: 2714 Message: 2732

Ken,

Technology is great when it works but only makes life more miserable when it doesn't! OH well, guess we can't stop "progress." :-)

Dave K3GAU

On Mon, Dec 9, 2013 at 4:19 PM, ken fest <disklog@...> wrote:

>
>
> Thank you david!
> I can't imagine what is wrong with my yahoo groups. It won't allow me to
> do anything.
> Why are so many modern improvements actually a step backward?
> Ken
> ----------
> On Mon, 12/9/13, Bastress, David G <bastress@...> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] Re: Help Please with posting
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Monday, December 9, 2013, 3:44 PM
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> would open up the transmitter.
> Anyway item #11 is the one you want. You
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> K3GAU
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> On Mon, Dec 9, 2013 at
> 3:14 PM, ken fest <disklog@yahoo.com>
> wrote:
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> Does anyone have good info for using the new Yahoo groups?

> It is driving me crazy.
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> how to open the transmit on the Pro. Can't search
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>
> Ken
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> ----------
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> On Mon, 12/9/13, Dale Parfitt <parinc1@...>
> wrote:
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> Subject: Re: [X1M_QRP-Transceiver] low pass filter s
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> To: X1M_QRP-Transceiver@yahoogroups.com
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> Date: Monday, December 9, 2013, 2:19 PM
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> Assuming Salvador's X1M
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> spectral plots he placed in the Files section for
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> that are WAY too close in to the fundamental to ever be
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> filters, regardless of their topology or complexity. The
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> signal
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> quality
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> Dale W4OP
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> ----- Original Message -----
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> From:
>
> lphebus@...
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> To: X1M_QRP-Transceiver@yahoogroups.com
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> Sent: Monday,
>
> December 09, 2013 12:12
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> PM
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> Subject: Re:
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> [X1M_QRP-Transceiver] low
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> pass filter s
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> No virus found in this
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> message.
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> Checked by AVG - www.avg.com
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> Version: 2014.0.4259 / Virus
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> Database: 3658/6903 - Release Date:
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2733. Re: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 21:47:54 UTC
From: Dale Parfitt
Topic: 2714 Message: 2733

Hi Roger,
If possible, connect your X1M to the SDR with the appropriate attenuators in between to reduce the X1M's output to a safe level for the SDR. Hopefully then, stray coupling will be at a minimum. I can do the same test here with my K3/P3 and the spectrum analyzer- just need time.

Dale W4OP
----- Original Message -----
From: r mason
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 4:30 PM
Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s

Almost in the same boat. Just received some new filter kits from Kits&Parts for 17 and 30 meters. When they are in place I'll take a look with my SDR receiver and see what the output looks like.
I think Charlie has been running his X1M on 17 meters. Maybe he has a solution/comments.
Roger N4HSI

On 12/9/2013 3:57 PM, rickmac06@... wrote:

Bummer!!! My wife just ordered me a 17Meter Band Pass Filter for Christmas. 17 is my favorite band. BUMMER! Has anyone crossed this bridge yet and is using the X1M cleanly on 17M ?

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Assuming Salvador's X1M is operating properly, the spectral plots he placed in the Files section for 17M show products that are WAY too close in to the fundamental to ever be removed by passive L-C filters, regardless of their topology or complexity. The close in 12M "stuff" is likely far enough below the carrier to not effect signal quality

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6903 - Release Date: 12/09/13

2734. Re: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 22:11:56 UTC
From: mikejmardis@...
Topic: 2714 Message: 2734

My radio has come in. Now I just need my wife to get home so I can go play.

Sent from my iPhone

> On Dec 9, 2013, at 16:47, "Dale Parfitt" <parinc1@...> wrote:
>
> Hi Roger,
> If possible, connect your X1M to the SDR with the appropriate attenuators in between to reduce the X1M's output to a safe level for the SDR. Hopefully then, stray coupling will be at a minimum. I can do the same test here with my K3/P3 and the spectrum analyzer- just need time.
>
> Dale W4OP
> ----- Original Message -----
> From: r mason
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Monday, December 09, 2013 4:30 PM
> Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s
>
>
> Almost in the same boat. Just received some new filter kits from Kits&Parts for 17 and 30 meters. When they are in place I'll take a look with my SDR receiver and see what the output looks like.
> I think Charlie has been running his X1M on 17 meters. Maybe he has a solution/comments.
> Roger N4HSI
>
>
> On 12/9/2013 3:57 PM, rickmac06@... wrote:
>>
>> Bummer!!! My wife just ordered me a 17Meter Band Pass Filter for Christmas. 17 is my favorite band. BUMMER! Has anyone crossed this bridge yet and is using the X1M cleanly on 17M ?
>>
>> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>> >
>> > Assuming Salvador's X1M is operating properly, the spectral plots he placed in the Files section for 17M show products that are WAY too close in to the fundamental to ever be removed by passive L-C filters, regardless of their topology or complexity. The close in 12M "stuff" is likely far enough below the carrier to not effect signal quality
>>
>>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus Database: 3658/6903 - Release Date: 12/09/13

>
>

2735. Re: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 22:32:53 UTC
From: r mason
Topic: 2714 Message: 2735

Hi Dale,
I plan to use a technique you mentioned a few days ago - coax tee from the radio output going to a 50 ohm load and a short wire from the other side of the tee to leak rf for the sdr to look at. If need be, I did order the bandpass filters which have 6 dB bandwidth of about 200 KHz @ 7 MHz. Also have one of his lowpass filter kits that I can wire for 30 meters. It will be a while before I have the free time to get this together

Oh, also - Please put me on the list for the CW filter kit. Thanks!!
Roger N4HSI

On 12/9/2013 4:47 PM, Dale Parfitt wrote:
>
> Hi Roger,
> If possible, connect your X1M to the SDR with the appropriate
> attenuators in between to reduce the X1M's output to a safe level for
> the SDR. Hopefully then, stray coupling will be at a minimum. I can do
> the same test here with my K3/P3 and the spectrum analyzer- just need
> time.
> Dale W4OP
>
> ----- Original Message -----
> *From:* r mason <mailto:r-mason@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Monday, December 09, 2013 4:30 PM
> *Subject:* Re: [X1M_QRP-Transceiver] Re: low pass filter s
>
> Almost in the same boat. Just received some new filter kits from
> Kits&Parts for 17 and 30 meters. When they are in place I'll take
> a look with my SDR receiver and see what the output looks like.
> I think Charlie has been running his X1M on 17 meters. Maybe he
> has a solution/comments.
> Roger N4HSI
>
>
> On 12/9/2013 3:57 PM, rickmac06@... wrote:
>>
>> Bummer!!! My wife just ordered me a 17Meter Band Pass Filter for
>> Christmas. 17 is my favorite band. BUMMER! Has anyone crossed
>> this bridge yet and is using the X1M cleanly on 17M ?
>>
>> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt"
>> <parinc1@...> wrote:
>> >

>> > Assuming Salvador's X1M is operating properly, the spectral
>> plots he placed in the Files section for 17M show products that
>> are WAY too close in to the fundamental to ever be removed by
>> passive L-C filters, regardless of their topology or complexity.
>> The close in 12M "stuff" is likely far enough below the carrier
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>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6903 - Release Date:
> 12/09/13
>
>

2736. Re: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 22:38:27 UTC
From: Dale Parfitt
Topic: 2714 Message: 2736

What is the insertion loss of the BP filters? Typically, BP filters that tight, have an appreicable in-band insertion loss.

Tnx,
Dale W4OP
----- Original Message -----
From: r mason
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 5:32 PM
Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s

Hi Dale,
I plan to use a technique you mentioned a few days ago - coax tee from the radio output going to a 50 ohm load and a short wire from the other side of the tee to leak rf for the sdr to look at. If need be, I did order the bandpass filters which have 6 dB bandwidth of about 200 KHz @ 7 MHz. Also have one of his lowpass filter kits that I can wire for 30 meters. It will be a while before I have the free time to get this together

Oh, also - Please put me on the list for the CW filter kit. Thanks!!
Roger N4HSI

On 12/9/2013 4:47 PM, Dale Parfitt wrote:

Hi Roger,
If possible, connect your X1M to the SDR with the appropriate attenuators in between to reduce the X1M's output to a safe level for the SDR. Hopefully then, stray coupling will be at a minimum. I can do the same test here with my K3/P3 and the spectrum analyzer- just need time.

Dale W4OP
----- Original Message -----
From: r mason
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 4:30 PM
Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s

Almost in the same boat. Just received some new filter kits from Kits&Parts for 17 and 30 meters. When they are in place I'll take a look with my SDR receiver and see what the output looks like.
I think Charlie has been running his X1M on 17 meters. Maybe he has a solution/comments.
Roger N4HSI

On 12/9/2013 3:57 PM, rickmac06@... wrote:

Bummer!!! My wife just ordered me a 17Meter Band Pass Filter for Christmas. 17 is my favorite band. BUMMER! Has anyone crossed this bridge yet and is using the X1M cleanly on 17M ?

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Assuming Salvador's X1M is operating properly, the spectral plots he placed in the Files section for 17M show products that are WAY too close in to the fundamental to ever be removed by passive L-C filters, regardless of their topology or complexity. The close in 12M "stuff" is likely far enough below the carrier to not effect signal quality

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Version: 2014.0.4259 / Virus Database: 3658/6903 - Release Date: 12/09/13

2737. Re: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 23:05:42 UTC
From: r mason
Topic: 2714 Message: 2737

Diz (W8DIZ) doesn't say on his website.

http://kitsandparts.com/bpf2.php

Also has an even tighter single band filter:
6 dB bandwidth is about 140 KHz @ 7 MHz

http://kitsandparts.com/univbpfilter.php

I did send him a note asking the question.
Roger N4HSI

On 12/9/2013 5:38 PM, Dale Parfitt wrote:
>
> What is the insertion loss of the BP filters? Typically, BP filters
> that tight, have an appreicable in-band insertion loss.
> Tnx,
> Dale W4OP
>
> ----- Original Message -----
> *From:* r mason <mailto:r-mason@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Monday, December 09, 2013 5:32 PM
> *Subject:* Re: [X1M_QRP-Transceiver] Re: low pass filter s
>
> Hi Dale,
> I plan to use a technique you mentioned a few days ago - coax tee
> from the radio output going to a 50 ohm load and a short wire from
> the other side of the tee to leak rf for the sdr to look at. If
> need be, I did order the bandpass filters which have 6 dB
> bandwidth of about 200 KHz @ 7 MHz. Also have one of his lowpass
> filter kits that I can wire for 30 meters. It will be a while
> before I have the free time to get this together
>
> Oh, also - Please put me on the list for the CW filter kit. Thanks!!
> Roger N4HSI
>
>
> On 12/9/2013 4:47 PM, Dale Parfitt wrote:
>> Hi Roger,
>> If possible, connect your X1M to the SDR with the appropriate
>> attenuators in between to reduce the X1M's output to a safe level
>> for the SDR. Hopefully then, stray coupling will be at a minimum.
>> I can do the same test here with my K3/P3 and the spectrum
>> analyzer- just need time.

>> Dale W4OP
>>
>> ----- Original Message -----
>> *From:* r mason <mailto:r-mason@...>
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>> *Sent:* Monday, December 09, 2013 4:30 PM
>> *Subject:* Re: [X1M_QRP-Transceiver] Re: low pass filter s
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>> Almost in the same boat. Just received some new filter kits
>> from Kits&Parts for 17 and 30 meters. When they are in place
>> I'll take a look with my SDR receiver and see what the
>> output looks like.
>> I think Charlie has been running his X1M on 17 meters. Maybe
>> he has a solution/comments.
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>> On 12/9/2013 3:57 PM, rickmac06@... wrote:
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>>> Bummer!!! My wife just ordered me a 17Meter Band Pass Filter
>>> for Christmas. 17 is my favorite band. BUMMER! Has anyone
>>> crossed this bridge yet and is using the X1M cleanly on 17M ?
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>>> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt"
>>> <parinc1@...> wrote:
>>> >
>>> > Assuming Salvador's X1M is operating properly, the
>>> spectral plots he placed in the Files section for 17M show
>>> products that are WAY too close in to the fundamental to
>>> ever be removed by passive L-C filters, regardless of their
>>> topology or complexity. The close in 12M "stuff" is likely
>>> far enough below the carrier to not effect signal quality
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> 12/09/13
>
>

2738. Re: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 23:38:36 UTC
From: r mason
Topic: 2714 Message: 2738

Just heard from DIZ. He doesn't know insertion loss for sure, but says
his best guess is 3dB.

Roger N4HSI

On 12/9/2013 5:38 PM, Dale Parfitt wrote:
>
> What is the insertion loss of the BP filters? Typically, BP filters
> that tight, have an appreicable in-band insertion loss.
> Tnx,
> Dale W4OP
>
> ----- Original Message -----
> *From:* r mason <mailto:r-mason@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Monday, December 09, 2013 5:32 PM
> *Subject:* Re: [X1M_QRP-Transceiver] Re: low pass filter s
>
> Hi Dale,
> I plan to use a technique you mentioned a few days ago - coax tee
> from the radio output going to a 50 ohm load and a short wire from
> the other side of the tee to leak rf for the sdr to look at. If
> need be, I did order the bandpass filters which have 6 dB
> bandwidth of about 200 KHz @ 7 MHz. Also have one of his lowpass
> filter kits that I can wire for 30 meters. It will be a while
> before I have the free time to get this together
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> Oh, also - Please put me on the list for the CW filter kit. Thanks!!
> Roger N4HSI
>
>
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>> If possible, connect your X1M to the SDR with the appropriate
>> attenuators in between to reduce the X1M's output to a safe level
>> for the SDR. Hopefully then, stray coupling will be at a minimum.
>> I can do the same test here with my K3/P3 and the spectrum
>> analyzer- just need time.
>> Dale W4OP
>>
>> ----- Original Message -----
>> *From:* r mason <mailto:r-mason@...>
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>

>> *Sent:* Monday, December 09, 2013 4:30 PM
>> *Subject:* Re: [X1M_QRP-Transceiver] Re: low pass filter s
>>
>> Almost in the same boat. Just received some new filter kits
>> from Kits&Parts for 17 and 30 meters. When they are in place
>> I'll take a look with my SDR receiver and see what the
>> output looks like.
>> I think Charlie has been running his X1M on 17 meters. Maybe
>> he has a solution/comments.
>> Roger N4HSI
>>
>>
>> On 12/9/2013 3:57 PM, rickmac06@... wrote:
>>>
>>> Bummer!!! My wife just ordered me a 17Meter Band Pass Filter
>>> for Christmas. 17 is my favorite band. BUMMER! Has anyone
>>> crossed this bridge yet and is using the X1M cleanly on 17M ?
>>>
>>> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt"
>>> <parinc1@...> wrote:
>>> >
>>> > Assuming Salvador's X1M is operating properly, the
>>> spectral plots he placed in the Files section for 17M show
>>> products that are WAY too close in to the fundamental to
>>> ever be removed by passive L-C filters, regardless of their
>>> topology or complexity. The close in 12M "stuff" is likely
>>> far enough below the carrier to not effect signal quality
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> 12/09/13
>
>

2739. Re: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-09 23:57:30 UTC
From: Dale Parfitt
Topic: 2714 Message: 2739

Seems reasonable. That is the issue with BP filters. So 5W in from the X1M will get 2.5W out of the filter.

Dale W4OP
----- Original Message -----
From: r mason
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 6:38 PM
Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s

Just heard from DIZ. He doesn't know insertion loss for sure, but says his best guess is 3dB.

Roger N4HSI

On 12/9/2013 5:38 PM, Dale Parfitt wrote:

What is the insertion loss of the BP filters? Typically, BP filters that tight, have an appreicable in-band insertion loss.

Tnx,
Dale W4OP
----- Original Message -----
From: r mason
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 5:32 PM
Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s

Hi Dale,
I plan to use a technique you mentioned a few days ago - coax tee from the radio output going to a 50 ohm load and a short wire from the other side of the tee to leak rf for the sdr to look at. If need be, I did order the bandpass filters which have 6 dB bandwidth of about 200 KHz @ 7 MHz. Also have one of his lowpass filter kits that I can wire for 30 meters. It will be a while before I have the free time to get this together

Oh, also - Please put me on the list for the CW filter kit. Thanks!!
Roger N4HSI

On 12/9/2013 4:47 PM, Dale Parfitt wrote:

Hi Roger,
If possible, connect your X1M to the SDR with the appropriate attenuators in between to reduce the X1M's output to a safe level for the SDR. Hopefully then, stray coupling will be at a minimum. I can do the same test here with my K3/P3 and the spectrum analyzer- just need time.

Dale W4OP
----- Original Message -----

From: r mason
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 4:30 PM
Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s

Almost in the same boat. Just received some new filter kits from Kits&Parts for 17 and 30 meters. When they are in place I'll take a look with my SDR receiver and see what the output looks like.
I think Charlie has been running his X1M on 17 meters. Maybe he has a solution/comments.
Roger N4HSI

On 12/9/2013 3:57 PM, rickmac06@... wrote:

Bummer!!! My wife just ordered me a 17Meter Band Pass Filter for Christmas. 17 is my favorite band. BUMMER! Has anyone crossed this bridge yet and is using the X1M cleanly on 17M ?

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Assuming Salvador's X1M is operating properly, the spectral plots he placed in the Files section for 17M show products that are WAY too close in to the fundamental to ever be removed by passive L-C filters, regardless of their topology or complexity. The close in 12M "stuff" is likely far enough below the carrier to not effect signal quality

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6905 - Release Date: 12/09/13

2740. Re: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 01:02:25 UTC
From: M_AND_R_SHAREF
Topic: 2714 Message: 2740

If the interferance on 17 meters is close to the band edge and is not to wide what about using a trap instead? You could also use a very high Q circuit at the interferance freq. to ground. Any thoughts?

On Mon, Dec 9, 2013 at 6:57 PM, Dale Parfitt <parinc1@...> wrote:

>
>
> Seems reasonable. That is the issue with BP filters. So 5W in from the
> X1M will get 2.5W out of the filter.
>
> Dale W4OP
>
> ----- Original Message -----
> *From:* r mason <r-mason@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Monday, December 09, 2013 6:38 PM
> *Subject:* Re: [X1M_QRP-Transceiver] Re: low pass filter s
>
>
>
> Just heard from DIZ. He doesn't know insertion loss for sure, but says his
> best guess is 3dB.
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> Roger N4HSI
>
>
> On 12/9/2013 5:38 PM, Dale Parfitt wrote:
>
>
>
> What is the insertion loss of the BP filters? Typically, BP filters that
> tight, have an appreicable in-band insertion loss.
>
> Tnx,
> Dale W4OP
>
> ----- Original Message -----
> *From:* r mason <r-mason@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Monday, December 09, 2013 5:32 PM
> *Subject:* Re: [X1M_QRP-Transceiver] Re: low pass filter s
>
>
>

> Hi Dale,
> I plan to use a technique you mentioned a few days ago - coax tee from the
> radio output going to a 50 ohm load and a short wire from the other side of
> the tee to leak rf for the sdr to look at. If need be, I did order the
> bandpass filters which have 6 dB bandwidth of about 200 KHz @ 7 MHz. Also
> have one of his lowpass filter kits that I can wire for 30 meters. It will
> be a while before I have the free time to get this together
>
> Oh, also - Please put me on the list for the CW filter kit. Thanks!!
> Roger N4HSI
>
>
> On 12/9/2013 4:47 PM, Dale Parfitt wrote:
>
>
> Hi Roger,
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> attenuators in between to reduce the X1M's output to a safe level for the
> SDR. Hopefully then, stray coupling will be at a minimum. I can do the same
> test here with my K3/P3 and the spectrum analyzer- just need time.
>
> Dale W4OP
>
> ----- Original Message -----
> *From:* r mason <r-mason@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Monday, December 09, 2013 4:30 PM
> *Subject:* Re: [X1M_QRP-Transceiver] Re: low pass filter s
>
>
>
> Almost in the same boat. Just received some new filter kits from
> Kits&Parts for 17 and 30 meters. When they are in place I'll take a look
> with my SDR receiver and see what the output looks like.
> I think Charlie has been running his X1M on 17 meters. Maybe he has a
> solution/comments.
> Roger N4HSI
>
>
> On 12/9/2013 3:57 PM, rickmac06@... wrote:
>
>
>
> Bummer!!! My wife just ordered me a 17Meter Band Pass Filter for
> Christmas. 17 is my favorite band. BUMMER! Has anyone crossed this bridge
> yet and is using the X1M cleanly on 17M ?
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt"
<parinc1@...><parinc1@...>wrote:
> >

> > Assuming Salvador's X1M is operating properly, the spectral plots he
> placed in the Files section for 17M show products that are WAY too close in
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> Version: 2014.0.4259 / Virus Database: 3658/6905 - Release Date: 12/09/13
>
>
>

2741. Dang this radio is small!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 01:20:50 UTC
From: Marcus Ward
Topic: 2741 Message: 2741

http://i.imgur.com/nIa829l.jpg

It arrived a little bit ago. I soldered the plug to a power supply and it fires up fine. Hooked it up to my antenna and the receive audio was great, as good as my FT450D. I'll need some antenna adapters to test it properly but so far I'm tickled to have it and can't wait to do some SOTA activations with it. My only bummer moment was the little plastic 'glass' over the lcd was scratched a bit but I think that's a minor quibble considering how it'll look after spending tons of time in my backpack.

Weight is 608 grams, if anyone here is a gram counter (I am. Years of racing bikes is hard to escape from).

Now I need batteries, a little antenna, and a lightweight keyer. So glad I found this group and this radio. I really wanted something for mountaintop activation but it seems like every offering in the non-kx3 price range is either ssb OR cw, or 2 bands, or some other limitation I didn't want to work under. This radio is the ticket!

Thanks all for letting me rave.

Regards,
Marcus
KE0W

2742. Re: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 01:22:47 UTC
From: Dale Parfitt
Topic: 2714 Message: 2742

Traps are typically 2 element devices. If placed in series they are a parallel L-C. If to ground the are a series L-C. Either way, they are 2 pole devices and the ultimate rolloff takes place at -12dB/octave or -40 dB/decade. The first spurs on the 17M spectral plot appear to be closer than 130KHz from the carrier freq- well beyond the capabilities of traps. The other thing you have to worry about (in addition to the attenuation of the offending frequencies) is the return loss (or VSWR in ham parlance) of the trap at the pass frequencies- this will be a more difficult parameter to meet than the attenuation.

Dale W4OP

----- Original Message -----
From: M_AND_R_SHAREF
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 8:02 PM
Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s

If the interferance on 17 meters is close to the band edge and is not to wide what about using a trap instead? You could also use a very high Q circuit at the interferance freq. to ground. Any thoughts?

On Mon, Dec 9, 2013 at 6:57 PM, Dale Parfitt <parinc1@...> wrote:

Seems reasonable. That is the issue with BP filters. So 5W in from the X1M will get 2.5W out of the filter.

Dale W4OP
----- Original Message -----
From: r mason
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 6:38 PM
Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s

Just heard from DIZ. He doesn't know insertion loss for sure, but says his best guess is 3dB.

Roger N4HSI

On 12/9/2013 5:38 PM, Dale Parfitt wrote:

What is the insertion loss of the BP filters? Typically, BP filters that tight, have an appreicable in-band insertion loss.

Tnx,
Dale W4OP
----- Original Message -----
From: r mason
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 5:32 PM

Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s

Hi Dale,
I plan to use a technique you mentioned a few days ago - coax tee from the radio output going to a 50 ohm load and a short wire from the other side of the tee to leak rf for the sdr to look at. If need be, I did order the bandpass filters which have 6 dB bandwidth of about 200 KHz @ 7 MHz. Also have one of his lowpass filter kits that I can wire for 30 meters. It will be a while before I have the free time to get this together

Oh, also - Please put me on the list for the CW filter kit. Thanks!!
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On 12/9/2013 4:47 PM, Dale Parfitt wrote:

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Dale W4OP
----- Original Message -----
From: r mason
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 4:30 PM
Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s

Almost in the same boat. Just received some new filter kits from Kits&Parts for 17 and 30 meters. When they are in place I'll take a look with my SDR receiver and see what the output looks like.
I think Charlie has been running his X1M on 17 meters. Maybe he has a solution/comments.
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> Assuming Salvador's X1M is operating properly, the spectral plots he placed in the Files section for 17M show products that are WAY too close in to the fundamental to ever be removed by passive L-C filters, regardless of their topology or complexity. The close in 12M "stuff" is likely far enough below the carrier to not effect signal quality

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Checked by AVG - www.avg.com

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Checked by AVG - www.avg.com
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2743. Re: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 01:36:06 UTC
From: <lphebus@...>
Topic: 2714 Message: 2743

I, for one, am very glad that you are with us, Dale!

Lee

2744. Re: Dang this radio is small!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 01:37:21 UTC
From: Paul W. Ross
Topic: 2741 Message: 2744

Well, my replacement radio should arrive tomorrow, and I can get cracking on the User's Guide revisions.

I need somebody to do some photos for me, if they could:

1. New front view -- assuming that that terrible red knob has been replaced.

2. Shots of the new screens -- I'll do any cropping, etc.

I have one of the new RS232 to BNC adapters on order, that should arrive tomorrow as well. Thus, I have a spare/excess to my needs one of the older ones -- needs the RS232 to BNC adapter, as I want to keep mine for other stuff. Free to a new home for the price of the shipping.

We are due for some snow <gasp> here in "Slower Lower" Delaware, so if the mail gal gets here -- my mail comes late afternoon, I can start work tomorrow evening. I am pretty sure the manual changes are going to be fairly mine. Charlie has nicely given me a list of stuff to be on the lookout for.

73 /paul W3FIS

2745. RE: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 01:55:33 UTC
From: Tim
Topic: 2714 Message: 2745

One issue I see with the external BPF is that the final is already amplifying all of the 'bad' stuff, so there will be a lot of wasted power.

However, without having visibility into the code, I'm not sure there is much else we can do.

For sure tho, I wouldn't transmit anywhere the radio is not spec'd for (any of the WARC bands, etc) without some kind of external filtering.

As Dale has already said tho, even this has limitations on some bands because of the IF frequency.

If we could get the source code....!

The decoder they use can give us 8 bands as it is, but there's obviously not the room inside to add another 2 Bandpass filters. I say 2 because the one 'catchall' BPF could be utilized as another band. However, the general coverage capability would be lost.

After looking at things, I don't think that the 9 mHz 'blowby' is that. I think it's just because there isn't any BPF for what it's receiving.

Tim W5FN

-----Original Message-----
From: "Dale Parfitt" <parinc1@...>
Sent: ☐12/☐9/☐2013 7:21 PM
To: "X1M_QRP-Transceiver@yahoogroups.com" <X1M_QRP-Transceiver@yahoogroups.com>
Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s

Traps are typically 2 element devices. If placed in series they are a parallel L-C. If to ground the are a series L-C. Either way, they are 2 pole devices and the ultimate rolloff takes place at -12dB/octave or -40 dB/decade. The first spurs on the 17M spectral plot appear to be closer than 130KHz from the carrier freq- well beyond the capabilities of traps. The other thing you have to worry about (in addition to the attenuation of the offending frequencies) is the return loss (or VSWR in ham parlance) of the trap at the pass frequencies- this will be a more difficult parameter to meet than the attenuation.

Dale W4OP

----- Original Message -----
From: M_AND_R_SHAREF
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 8:02 PM
Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s

If the interferance on 17 meters is close to the band edge and is not to wide what about using a trap instead? You could also use a very high Q circuit at the interferance freq. to ground. Any thoughts?

On Mon, Dec 9, 2013 at 6:57 PM, Dale Parfitt <parinc1@...> wrote:

Seems reasonable. That is the issue with BP filters. So 5W in from the X1M will get 2.5W out of the filter.

Dale W4OP
----- Original Message -----
From: r mason
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 6:38 PM
Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s

Just heard from DIZ. He doesn't know insertion loss for sure, but says his best guess is 3dB.

Roger N4HSI

On 12/9/2013 5:38 PM, Dale Parfitt wrote:

What is the insertion loss of the BP filters? Typically, BP filters that tight, have an appreicable in-band insertion loss.

Tnx,
Dale W4OP
----- Original Message -----
From: r mason
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 5:32 PM
Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s

Hi Dale,
I plan to use a technique you mentioned a few days ago - coax tee from the radio output going to a 50 ohm load and a short wire from the other side of the tee to leak rf for the sdr to look at. If need be, I did order the bandpass filters which have 6 dB bandwidth of about 200 KHz @ 7 MHz. Also have one of his lowpass filter kits that I can wire for 30 meters. It will be a while before I have the free time to get this together

Oh, also - Please put me on the list for the CW filter kit. Thanks!!
Roger N4HSI

On 12/9/2013 4:47 PM, Dale Parfitt wrote:

Hi Roger,
If possible, connect your X1M to the SDR with the appropriate attenuators in between to reduce the X1M's output to a safe level for the SDR. Hopefully then, stray coupling will be at a minimum. I can do the same test here with my K3/P3 and the spectrum analyzer- just need time.

Dale W4OP
----- Original Message -----
From: r mason
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 4:30 PM
Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s

Almost in the same boat. Just received some new filter kits from Kits&Parts for 17 and 30 meters. When they are in place I'll take a look with my SDR receiver and see what the output looks like.
I think Charlie has been running his X1M on 17 meters. Maybe he has a solution/comments.
Roger N4HSI

On 12/9/2013 3:57 PM, rickmac06@frontier.com wrote:

Bummer!!! My wife just ordered me a 17Meter Band Pass Filter for Christmas. 17 is my favorite band. BUMMER! Has anyone crossed this bridge yet and is using the X1M cleanly on 17M ?

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Assuming Salvador's X1M is operating properly, the spectral plots he placed in the Files section for 17M show products that are WAY too close in to the fundamental to ever be removed by passive L-C filters, regardless of their topology or complexity. The close in 12M "stuff" is likely far enough below the carrier to not effect signal quality

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6903 - Release Date: 12/09/13

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No virus found in this message.
Checked by AVG - www.avg.com

Version: 2014.0.4259 / Virus Database: 3658/6905 - Release Date: 12/09/13
No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6905 - Release Date: 12/09/13

2746. Re: [X1M_QRP-Transceiver] Dang this radio is small!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 01:56:41 UTC
From: Bill Smith
Topic: 2741 Message: 2746

Marcus,

Congrats on the new radio. I was wondering though, you said the receive audio was as good as your FT-450? Most of us here have done a couple of mods to get good audio. Our rigs had issues with receive gain, as there was very little. So yours is really good straight out of the box? That would be a great improvement over earlier release units.

MHO for some suggestions on equipment...

Check out American Morse for a really nice qrp key. I have the Porta paddle and it works great. They have a good selection of keys to choose from and a couple of really compact keys.
Also LNR Precission now manufactures the Par Endzfed Antennas. The EFT 10/20/40 would make a great backpacking antenna.
Batteries, well you're on your own with that one. I use a 12v, 7.2 amp/hr sealed acid cell for my SOTA, camp, rv type ops. A couple of lbs US though!
Enjoy the rig. Maybe we'll meet on the air!
73,
Bill
KK6WLS
On Dec 9, 2013 5:20 PM, "Marcus Ward" <marcus.ward@...> wrote:

>
>
> http://i.imgur.com/nIa829l.jpg
>
> It arrived a little bit ago. I soldered the plug to a power supply and it
> fires up fine. Hooked it up to my antenna and the receive audio was great,
> as good as my FT450D. I'll need some antenna adapters to test it properly
> but so far I'm tickled to have it and can't wait to do some SOTA
> activations with it. My only bummer moment was the little plastic 'glass'
> over the lcd was scratched a bit but I think that's a minor quibble
> considering how it'll look after spending tons of time in my backpack.
>
> Weight is 608 grams, if anyone here is a gram counter (I am. Years of
> racing bikes is hard to escape from).
>
> Now I need batteries, a little antenna, and a lightweight keyer. So glad
> I found this group and this radio. I really wanted something for
> mountaintop activation but it seems like every offering in the non-kx3
> price range is either ssb OR cw, or 2 bands, or some other limitation I
> didn't want to work under. This radio is the ticket!
>
> Thanks all for letting me rave.
>

> Regards,
> Marcus
> KE0W
>
>
>

2747. Re: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 02:09:13 UTC
From: r mason
Topic: 2714 Message: 2747

That is a lot more loss than I was expecting. I was thinking 1 or
1.5dB. The W3NQN filters have approx 0.3dB losses, but the passband is
a megahertz or more wide. So, looks like it will be running close to
QRPp levels with the filters in place. I don't see an alternative, either.
Roger N4HSI

On 12/9/2013 6:57 PM, Dale Parfitt wrote:
>
> Seems reasonable. That is the issue with BP filters. So 5W in from the
> X1M will get 2.5W out of the filter.
> Dale W4OP
>
> ----- Original Message -----
> *From:* r mason <mailto:r-mason@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Monday, December 09, 2013 6:38 PM
> *Subject:* Re: [X1M_QRP-Transceiver] Re: low pass filter s
>
> Just heard from DIZ. He doesn't know insertion loss for sure, but
> says his best guess is 3dB.
>
> Roger N4HSI
>
>
> On 12/9/2013 5:38 PM, Dale Parfitt wrote:
>> What is the insertion loss of the BP filters? Typically, BP
>> filters that tight, have an appreicable in-band insertion loss.
>> Tnx,
>> Dale W4OP
>>
>> ----- Original Message -----
>> *From:* r mason <mailto:r-mason@...>
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>> *Sent:* Monday, December 09, 2013 5:32 PM
>> *Subject:* Re: [X1M_QRP-Transceiver] Re: low pass filter s
>>
>> Hi Dale,
>> I plan to use a technique you mentioned a few days ago - coax
>> tee from the radio output going to a 50 ohm load and a short
>> wire from the other side of the tee to leak rf for the sdr to
>> look at. If need be, I did order the bandpass filters which
>> have 6 dB bandwidth of about 200 KHz @ 7 MHz. Also have one
>> of his lowpass filter kits that I can wire for 30 meters. It

>> will be a while before I have the free time to get this together
>>
>> Oh, also - Please put me on the list for the CW filter kit.
>> Thanks!!
>> Roger N4HSI
>>
>>
>> On 12/9/2013 4:47 PM, Dale Parfitt wrote:
>>> Hi Roger,
>>> If possible, connect your X1M to the SDR with the
>>> appropriate attenuators in between to reduce the X1M's
>>> output to a safe level for the SDR. Hopefully then, stray
>>> coupling will be at a minimum. I can do the same test here
>>> with my K3/P3 and the spectrum analyzer- just need time.
>>> Dale W4OP
>>>
>>> ----- Original Message -----
>>> *From:* r mason <mailto:r-mason@...>
>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>>> *Sent:* Monday, December 09, 2013 4:30 PM
>>> *Subject:* Re: [X1M_QRP-Transceiver] Re: low pass filter s
>>>
>>> Almost in the same boat. Just received some new filter
>>> kits from Kits&Parts for 17 and 30 meters. When they are
>>> in place I'll take a look with my SDR receiver and see
>>> what the output looks like.
>>> I think Charlie has been running his X1M on 17 meters.
>>> Maybe he has a solution/comments.
>>> Roger N4HSI
>>>
>>>
>>> On 12/9/2013 3:57 PM, rickmac06@... wrote:
>>>>
>>>> Bummer!!! My wife just ordered me a 17Meter Band Pass
>>>> Filter for Christmas. 17 is my favorite band. BUMMER!
>>>> Has anyone crossed this bridge yet and is using the X1M
>>>> cleanly on 17M ?
>>>>
>>>> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale
>>>> Parfitt" <parinc1@...> wrote:
>>>> >
>>>> > Assuming Salvador's X1M is operating properly, the
>>>> spectral plots he placed in the Files section for 17M
>>>> show products that are WAY too close in to the
>>>> fundamental to ever be removed by passive L-C filters,
>>>> regardless of their topology or complexity. The close
>>>> in 12M "stuff" is likely far enough below the carrier
>>>> to not effect signal quality
>>>>

>>>
>>> No virus found in this message.
>>> Checked by AVG - www.avg.com <http://www.avg.com>
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> Version: 2014.0.4259 / Virus Database: 3658/6905 - Release Date:
> 12/09/13
>
>

2748. Re: [X1M_QRP-Transceiver] Re: Dang this radio is small!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 02:11:00 UTC
From: Dale Parfitt
Topic: 2741 Message: 2748

Great news Paul- that has been some wait.

Dale W4OP
----- Original Message -----
From: Paul W. Ross
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 8:37 PM
Subject: [X1M_QRP-Transceiver] Re: Dang this radio is small!!

Well, my replacement radio should arrive tomorrow, and I can get
cracking on the User's Guide revisions.

I need somebody to do some photos for me, if they could:

1. New front view -- assuming that that terrible red knob has been replaced.

2. Shots of the new screens -- I'll do any cropping, etc.

I have one of the new RS232 to BNC adapters on order, that should arrive
tomorrow as well. Thus, I have a spare/excess to my needs one of the
older ones -- needs the RS232 to BNC adapter, as I want to keep mine for
other stuff. Free to a new home for the price of the shipping.

We are due for some snow <gasp> here in "Slower Lower" Delaware, so if
the mail gal gets here -- my mail comes late afternoon, I can start work
tomorrow evening. I am pretty sure the manual changes are going to be
fairly mine. Charlie has nicely given me a list of stuff to be on the
lookout for.

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6905 - Release Date: 12/09/13

2749. Re: [X1M_QRP-Transceiver] Dang this radio is small!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 02:12:00 UTC
From: Charlie , W5COV
Topic: 2741 Message: 2749

Hi Marcus,

You will have a LOT of fun with it, especially when you consider the price is in the same range of 2 or 3 band KITS, like you said , and then usually only one mode.PLUS most of them are not a 5 watt radio.

We like to think that this is one of the best support groups anywhere on the net. The radio is fantastic already, but some of us are hard core to the bone, experimenters and builders, so we are always looking for new little bells and whistles at cheap cost and easy internal installation, so you have some feature found on the Big 3 BIG RIGS !!

There is a built in keyer, so if you use that you won't have to worry about adding any extra grams there, if that is the proper term. I don't do grams etc. without a conversion chart :)

Welcome aboard and have a GREAT time with a TRUE radio, not some novelty item !!

Charlie, W5COV

On 12/9/2013 7:20 PM, Marcus Ward wrote:
> http://i.imgur.com/nIa829l.jpg
>
> It arrived a little bit ago. I soldered the plug to a power supply
> and it fires up fine. Hooked it up to my antenna and the receive
> audio was great, as good as my FT450D. I'll need some antenna
> adapters to test it properly but so far I'm tickled to have it and
> can't wait to do some SOTA activations with it. My only bummer moment
> was the little plastic 'glass' over the lcd was scratched a bit but I
> think that's a minor quibble considering how it'll look after spending
> tons of time in my backpack.
>
> Weight is 608 grams, if anyone here is a gram counter (I am. Years of
> racing bikes is hard to escape from).
>
> Now I need batteries, a little antenna, and a lightweight keyer. So
> glad I found this group and this radio. I really wanted something for
> mountaintop activation but it seems like every offering in the non-kx3
> price range is either ssb OR cw, or 2 bands, or some other limitation
> I didn't want to work under. This radio is the ticket!
>
> Thanks all for letting me rave.
>
> Regards,
> Marcus

> KE0W
>
>

2750. Re: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 02:15:19 UTC
From: Dale Parfitt
Topic: 2714 Message: 2750

Well, I hope my info is correct- I do give it some thought before hitting Send. But there are engineers out there far brighter than I am- so if I don't know I try to learn what I don't know. It's all fun stuff and I for one enjoy the process more than actually getting on the air. I do listen a lot though. Guess I'll always be an SWL.
I have completed a 4 pole CW filter design and am now awaiting more crystals for the build. But I have not yet confirmed my idea for auto switching the filter in and out will work. That's next. There may be an issue with filter centering also- but I won't know until I install it and take some Spectrogram plots.

Dale W4OP

From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 8:36 PM
Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s

I, for one, am very glad that you are with us, Dale!

Lee

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6905 - Release Date: 12/09/13

2751. Re: [X1M_QRP-Transceiver] Dang this radio is small!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 02:17:21 UTC
From: Dale Parfitt
Topic: 2741 Message: 2751

Hi Marcus,
Try out the internal keyer. It has come a long way with the last two firmware upgrades. I enjoy using it and do not have an issue with it, although I know some others would like to see a few more changes.

Dale W4OP
----- Original Message -----
From: Marcus Ward
To: x1m_qrp-transceiver@yahoogroups.com
Sent: Monday, December 09, 2013 8:20 PM
Subject: [X1M_QRP-Transceiver] Dang this radio is small!!

http://i.imgur.com/nIa829l.jpg

It arrived a little bit ago. I soldered the plug to a power supply and it fires up fine. Hooked it up to my antenna and the receive audio was great, as good as my FT450D. I'll need some antenna adapters to test it properly but so far I'm tickled to have it and can't wait to do some SOTA activations with it. My only bummer moment was the little plastic 'glass' over the lcd was scratched a bit but I think that's a minor quibble considering how it'll look after spending tons of time in my backpack.

Weight is 608 grams, if anyone here is a gram counter (I am. Years of racing bikes is hard to escape from).

Now I need batteries, a little antenna, and a lightweight keyer. So glad I found this group and this radio. I really wanted something for mountaintop activation but it seems like every offering in the non-kx3 price range is either ssb OR cw, or 2 bands, or some other limitation I didn't want to work under. This radio is the ticket!

Thanks all for letting me rave.

Regards,
Marcus
KE0W

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6905 - Release Date: 12/09/13

2752. Re: [X1M_QRP-Transceiver] Dang this radio is small!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 02:57:51 UTC
From: Charlie , W5COV
Topic: 2741 Message: 2752

This run of radios has already incorporated a zero ohm jumper on the LM-386 , so they should have the same amount of audio output as we do that modified ours, only it comes right out of the box now with that done.

The company has been VERY GOOD at implementing our change suggestions. However it is a major battle for Importcommunications and WiMO plus the other distributors and dealers to get ANYTHING technical conveyed to the Chinese. The factory does not have anyone even close to understanding English, let alone being fluent in it , so these guys deserve a HUGE THANK YOU for getting some pretty technical issues communicated well enough that the Chinese were able to implement the changes !!

They work behind the scenes and deserve to be recognized for the monumental task that they have successfully managed to get incorporated into one GREAT LITTLE RADIO !!!

Charlie, W5COV

On 12/9/2013 7:56 PM, Bill Smith wrote:
>
> Marcus,
>
> Congrats on the new radio. I was wondering though, you said the
> receive audio was as good as your FT-450? Most of us here have done a
> couple of mods to get good audio. Our rigs had issues with receive
> gain, as there was very little. So yours is really good straight out
> of the box? That would be a great improvement over earlier release units.
>
> MHO for some suggestions on equipment...
>
> Check out American Morse for a really nice qrp key. I have the Porta
> paddle and it works great. They have a good selection of keys to
> choose from and a couple of really compact keys.
> Also LNR Precission now manufactures the Par Endzfed Antennas. The EFT
> 10/20/40 would make a great backpacking antenna.
> Batteries, well you're on your own with that one. I use a 12v, 7.2
> amp/hr sealed acid cell for my SOTA, camp, rv type ops. A couple of
> lbs US though!
> Enjoy the rig. Maybe we'll meet on the air!
> 73,
> Bill
> KK6WLS
>
> On Dec 9, 2013 5:20 PM, "Marcus Ward" <marcus.ward@...
> <mailto:marcus.ward@...>> wrote:
>

> http://i.imgur.com/nIa829l.jpg
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> It arrived a little bit ago. I soldered the plug to a power
> supply and it fires up fine. Hooked it up to my antenna and the
> receive audio was great, as good as my FT450D. I'll need some
> antenna adapters to test it properly but so far I'm tickled to
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> offering in the non-kx3 price range is either ssb OR cw, or 2
> bands, or some other limitation I didn't want to work under. This
> radio is the ticket!
>
> Thanks all for letting me rave.
>
> Regards,
> Marcus
> KE0W
>
>

2753. Wattage Report as received out of the box.....

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 03:24:33 UTC
From: <disklog@...>
Topic: 2753 Message: 2753

My last message was interrupted .....
Here is the wattage report for my radio as received out of the box:
Powered at 13.77 volts
3.8mhz---6.1 watts
7.2mhz---5.0 watts
14.2 mhz-5.9 watts
21.3mhz-4.9 watts
28.5mhz-4.0 watts

2754. Re: [X1M_QRP-Transceiver] Dang this radio is small!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 03:32:00 UTC
From: mikejmardis@...
Topic: 2741 Message: 2754

If they already put the jumper in, where does that leave me with the AGC mod

Mike
N1SPZ

Sent from my iPhone

> On Dec 9, 2013, at 21:57, "Charlie , W5COV" <cvest@...> wrote:
>
> This run of radios has already incorporated a zero ohm jumper on the LM-386 , so they should have the same amount of audio output as we do that modified ours, only it comes right out of the box now with that done.
>
> The company has been VERY GOOD at implementing our change suggestions. However it is a major battle for Importcommunications and WiMO plus the other distributors and dealers to get ANYTHING technical conveyed to the Chinese. The factory does not have anyone even close to understanding English, let alone being fluent in it , so these guys deserve a HUGE THANK YOU for getting some pretty technical issues communicated well enough that the Chinese were able to implement the changes !!
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>> On 12/9/2013 7:56 PM, Bill Smith wrote:
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>> MHO for some suggestions on equipment...
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>> Check out American Morse for a really nice qrp key. I have the Porta paddle and it works great. They have a good selection of keys to choose from and a couple of really compact keys.
>> Also LNR Precission now manufactures the Par Endzfed Antennas. The EFT 10/20/40 would make a great backpacking antenna.
>> Batteries, well you're on your own with that one. I use a 12v, 7.2 amp/hr sealed acid cell for my SOTA, camp, rv type ops. A couple of lbs US though!
>> Enjoy the rig. Maybe we'll meet on the air!
>> 73,

>> Bill
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>>> On Dec 9, 2013 5:20 PM, "Marcus Ward" <marcus.ward@...> wrote:
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>>> http://i.imgur.com/nIa829l.jpg
>>>
>>> It arrived a little bit ago. I soldered the plug to a power supply and it fires up fine. Hooked it up to my antenna and the receive audio was great, as good as my FT450D. I'll need some antenna adapters to test it properly but so far I'm tickled to have it and can't wait to do some SOTA activations with it. My only bummer moment was the little plastic 'glass' over the lcd was scratched a bit but I think that's a minor quibble considering how it'll look after spending tons of time in my backpack.
>>>
>>> Weight is 608 grams, if anyone here is a gram counter (I am. Years of racing bikes is hard to escape from).
>>>
>>> Now I need batteries, a little antenna, and a lightweight keyer. So glad I found this group and this radio. I really wanted something for mountaintop activation but it seems like every offering in the non-kx3 price range is either ssb OR cw, or 2 bands, or some other limitation I didn't want to work under. This radio is the ticket!
>>>
>>> Thanks all for letting me rave.
>>>
>>> Regards,
>>> Marcus
>>> KE0W
>
>

2755. Re: [X1M_QRP-Transceiver] Dang this radio is small!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 03:41:56 UTC
From: Charlie , W5COV
Topic: 2741 Message: 2755

All you have to do is go ahead and install it .

Charlie, W5COV

On 12/9/2013 9:32 PM, mikejmardis@... wrote:
> If they already put the jumper in, where does that leave me with the
> AGC mod
> Mike
> N1SPZ
>
> Sent from my iPhone
>
> On Dec 9, 2013, at 21:57, "Charlie , W5COV" <cvest@...
> <mailto:cvest@...>> wrote:
>
>> This run of radios has already incorporated a zero ohm jumper on the
>> LM-386 , so they should have the same amount of audio output as we do
>> that modified ours, only it comes right out of the box now with that
>> done.
>>
>> The company has been VERY GOOD at implementing our change
>> suggestions. However it is a major battle for Importcommunications
>> and WiMO plus the other distributors and dealers to get ANYTHING
>> technical conveyed to the Chinese. The factory does not have anyone
>> even close to understanding English, let alone being fluent in it ,
>> so these guys deserve a HUGE THANK YOU for getting some pretty
>> technical issues communicated well enough that the Chinese were able
>> to implement the changes !!
>>
>> They work behind the scenes and deserve to be recognized for the
>> monumental task that they have successfully managed to get
>> incorporated into one GREAT LITTLE RADIO !!!
>>
>> Charlie, W5COV
>>
>>
>> On 12/9/2013 7:56 PM, Bill Smith wrote:
>>>
>>> Marcus,
>>>
>>> Congrats on the new radio. I was wondering though, you said the
>>> receive audio was as good as your FT-450? Most of us here have done
>>> a couple of mods to get good audio. Our rigs had issues with receive
>>> gain, as there was very little. So yours is really good straight out
>>> of the box? That would be a great improvement over earlier release

>>> units.
>>>
>>> MHO for some suggestions on equipment...
>>>
>>> Check out American Morse for a really nice qrp key. I have the Porta
>>> paddle and it works great. They have a good selection of keys to
>>> choose from and a couple of really compact keys.
>>> Also LNR Precission now manufactures the Par Endzfed Antennas. The
>>> EFT 10/20/40 would make a great backpacking antenna.
>>> Batteries, well you're on your own with that one. I use a 12v, 7.2
>>> amp/hr sealed acid cell for my SOTA, camp, rv type ops. A couple of
>>> lbs US though!
>>> Enjoy the rig. Maybe we'll meet on the air!
>>> 73,
>>> Bill
>>> KK6WLS
>>>
>>> On Dec 9, 2013 5:20 PM, "Marcus Ward" <marcus.ward@...
>>> <mailto:marcus.ward@...>> wrote:
>>>
>>> http://i.imgur.com/nIa829l.jpg
>>>
>>> It arrived a little bit ago. I soldered the plug to a power
>>> supply and it fires up fine. Hooked it up to my antenna and the
>>> receive audio was great, as good as my FT450D. I'll need some
>>> antenna adapters to test it properly but so far I'm tickled to
>>> have it and can't wait to do some SOTA activations with it. My
>>> only bummer moment was the little plastic 'glass' over the lcd
>>> was scratched a bit but I think that's a minor quibble
>>> considering how it'll look after spending tons of time in my
>>> backpack.
>>>
>>> Weight is 608 grams, if anyone here is a gram counter (I am.
>>> Years of racing bikes is hard to escape from).
>>>
>>> Now I need batteries, a little antenna, and a lightweight keyer.
>>> So glad I found this group and this radio. I really wanted
>>> something for mountaintop activation but it seems like every
>>> offering in the non-kx3 price range is either ssb OR cw, or 2
>>> bands, or some other limitation I didn't want to work under.
>>> This radio is the ticket!
>>>
>>> Thanks all for letting me rave.
>>>
>>> Regards,
>>> Marcus
>>> KE0W
>>>
>>
>

2756. Re: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 03:57:33 UTC
From: <disklog@...>
Topic: 2714 Message: 2756

Dale,
Do you have any tips for me concerning getting to the final transistor and removing it? My question centers on if there are issues or areas I need to pay special attention.

I figured you were the person to ask because you recently replaced a final for someone.
Thanks,
Ken

2757. Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 04:07:20 UTC
From: Tim W4YN
Topic: 2714 Message: 2757

HFProjects I believe sells a manual LPF kit as well a relay switched set. Diz's individual LPF should work and be easy and small solution.
Tim

--- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@...> wrote:
>
> Hi Roger,
> If possible, connect your X1M to the SDR with the appropriate attenuators in between to reduce the X1M's output to a safe level for the SDR. Hopefully then, stray coupling will be at a minimum. I can do the same test here with my K3/P3 and the spectrum analyzer- just need time.
>
> Dale W4OP
> ----- Original Message -----
> From: r mason
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Monday, December 09, 2013 4:30 PM
> Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s
>
>
>
> Almost in the same boat. Just received some new filter kits from Kits&Parts for 17 and 30 meters. When they are in place I'll take a look with my SDR receiver and see what the output looks like.
> I think Charlie has been running his X1M on 17 meters. Maybe he has a solution/comments.
> Roger N4HSI
>
>
>
>
> On 12/9/2013 3:57 PM, rickmac06@... wrote:
>
>
> Bummer!!! My wife just ordered me a 17Meter Band Pass Filter for Christmas. 17 is my favorite band. BUMMER! Has anyone crossed this bridge yet and is using the X1M cleanly on 17M ?
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt" <parinc1@> wrote:
> >
> > Assuming Salvador's X1M is operating properly, the spectral plots he placed in the Files section for 17M show products that are WAY too close in to the fundamental to ever be removed by passive L-C filters, regardless of their topology or complexity. The close in 12M "stuff" is likely far enough below the carrier to not effect signal quality
>
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>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus Database: 3658/6903 - Release Date: 12/09/13
>

2758. Re: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 04:21:15 UTC
From: Charlie , W5COV
Topic: 2714 Message: 2758

Ken, I took the cover off of the final and then it is a piece of cake. It is a real nearly impossible job if you try to leave the final cover on. I would also HIGHLY recommend that you epoxy the nut to the case, while you have it apart. That way it would be MUCH easier if you have to get to the final again. With the nut epoxied to the case, you can take the scre out and get it back in, without removing the cover again.

Charlie , W5COV

On 12/9/2013 9:57 PM, disklog@... wrote:
>
> Dale,
>
> Do you have any tips for me concerning getting to the final transistor
> and removing it? My question centers on if there are issues or areas I
> need to pay special attention.
>
> I figured you were the person to ask because you recently replaced a
> final for someone.
>
> Thanks,
>
> Ken
>
>

2759. Re: [X1M_QRP-Transceiver] Dang this radio is small!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 04:31:47 UTC
From: <marcus.ward@...>
Topic: 2741 Message: 2759

Hi Dale,

It's pretty good, not quite as 'touchy' as the keyer in the Yaesu but damn the side tone is obnoxiously loud. Is there anyway to turn that down? It's probably perfect for a windy summit but in my house or headphones it's blowing my eardrums out.

KE0W

2760. Re: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 04:36:29 UTC
From: ken fest
Topic: 2714 Message: 2760

Hi Charlie,
By the final cover you mean the bottom case half correct?
I am guessing you remove the knobs, shaft nuts, front allen screws,
rear allen screws, and the bottom screw.
Did I miss anything?
As you can tell, I haven't had the radio apart other than the top cover.
Ken

On Mon, 12/9/13, Charlie , W5COV <cvest@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Monday, December 9, 2013, 11:21 PM

Ken, I took the cover off of the final and then it is a
piece of
cake. It is a real nearly impossible job if you try to
leave the
final cover on. I would also HIGHLY recommend that you
epoxy the nut
to the case, while you have it apart. That way it would
be MUCH
easier if you have to get to the final again. With the
nut epoxied
to the case, you can take the scre out and get it back
in, without
removing the cover again.

Charlie , W5COV

On 12/9/2013
9:57 PM, disklog@...
wrote:

Dale,
Do you have any tips for me concerning
getting to the
final transistor and removing it? My question
centers on
if there are issues or areas I need to pay
special
attention.

I
figured you were the person to ask because you
recently

replaced a final for someone.
Thanks,
Ken

2761. Re: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 04:39:58 UTC
From: Charlie , W5COV
Topic: 2714 Message: 2761

One of the projects that we are working on , besides the CW Xtal Filter board , that Dale is working on , is a board that will be capable of holding most likely 5 filters for bands of your choice. It will include a rotary switch and relay switching of the filters. If you are not in a need it right now , kind of hurry, we are pooling our talents and resources to produce some accessories like the band switch and probably a few more items as we go along and get more feedback for what people want to see to be able to add to the X1M.

This group is VERY interactive and several extremely smart experimenters on here, but since we do these kit accessories on a not for profit basis and have regular jobs and businesses in most cases, it takes a little time from concept to completion. There is room for EVERYONE on here to contribute their ideas or things that they build to use with the X1M.Many have other talents , such as drawing up PC boards and or schematics , which leaves more free time for Dale and others to put their knowledge to work on other things if we have people willing and capable of helping in all areas.

We are more like a family of owners and get to know each other and become friends, rather than just a cold standard canned type response to most questions and projects and we share the information within the group.

Charlie, W5COV

On 12/9/2013 10:07 PM, Tim W4YN wrote:
>
> HFProjects I believe sells a manual LPF kit as well a relay switched
> set. Diz's individual LPF should work and be easy and small solution.
> Tim
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt"
> <parinc1@...> wrote:
> >
> > Hi Roger,
> > If possible, connect your X1M to the SDR with the appropriate
> attenuators in between to reduce the X1M's output to a safe level for
> the SDR. Hopefully then, stray coupling will be at a minimum. I can do
> the same test here with my K3/P3 and the spectrum analyzer- just need
> time.
> >
> > Dale W4OP
> > ----- Original Message -----
> > From: r mason
> > To: X1M_QRP-Transceiver@yahoogroups.com
> > Sent: Monday, December 09, 2013 4:30 PM

> > Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s
> >
> >
> >
> > Almost in the same boat. Just received some new filter kits from
> Kits&Parts for 17 and 30 meters. When they are in place I'll take a
> look with my SDR receiver and see what the output looks like.
> > I think Charlie has been running his X1M on 17 meters. Maybe he has
> a solution/comments.
> > Roger N4HSI
> >
> >
> >
> >
> > On 12/9/2013 3:57 PM, rickmac06@... wrote:
> >
> >
> > Bummer!!! My wife just ordered me a 17Meter Band Pass Filter for
> Christmas. 17 is my favorite band. BUMMER! Has anyone crossed this
> bridge yet and is using the X1M cleanly on 17M ?
> >
> > --- In X1M_QRP-Transceiver@yahoogroups.com, "Dale Parfitt"
> <parinc1@> wrote:
> > >
> > > Assuming Salvador's X1M is operating properly, the spectral plots
> he placed in the Files section for 17M show products that are WAY too
> close in to the fundamental to ever be removed by passive L-C filters,
> regardless of their topology or complexity. The close in 12M "stuff"
> is likely far enough below the carrier to not effect signal quality
> >
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> > No virus found in this message.
> > Checked by AVG - www.avg.com
> > Version: 2014.0.4259 / Virus Database: 3658/6903 - Release Date:
> 12/09/13
> >
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>

2762. Re: [X1M_QRP-Transceiver] Dang this radio is small!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 04:44:14 UTC
From: Charlie , W5COV
Topic: 2741 Message: 2762

LOL They come that way from the factory and in the manuals you will find that we recommend turning that down and also peaking the microphone gain while you have the top off . LOTS of good written and photo information in the group home page. If you need help identifying the pots or are not clear after reading and looking at the photos, we will be more than happy to help you with it. You just have to remove the top cover to access the side tone pot and the microphone pot.

Charlie, W5COV

On 12/9/2013 10:31 PM, marcus.ward@... wrote:
>
> Hi Dale,
>
>
> It's pretty good, not quite as 'touchy' as the keyer in the Yaesu but
> damn the side tone is obnoxiously loud. Is there anyway to turn that
> down? It's probably perfect for a windy summit but in my house or
> headphones it's blowing my eardrums out.
>
>
> KE0W
>
>

2763. Re: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 04:46:14 UTC
From: Charlie , W5COV
Topic: 2714 Message: 2763

No Ken, on the bottom board there are two separate shielded covers that are soldered in place. One goes over the final and the other one goes over the filters.

Charlie

On 12/9/2013 10:36 PM, ken fest wrote:
>
> Hi Charlie,
> By the final cover you mean the bottom case half correct?
> I am guessing you remove the knobs, shaft nuts, front allen screws,
> rear allen screws, and the bottom screw.
> Did I miss anything?
> As you can tell, I haven't had the radio apart other than the top cover.
> Ken
> ----------
> On Mon, 12/9/13, Charlie , W5COV <cvest@...> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Monday, December 9, 2013, 11:21 PM
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>
> Ken, I took the cover off of the final and then it is a
> piece of
> cake. It is a real nearly impossible job if you try to
> leave the
> final cover on. I would also HIGHLY recommend that you
> epoxy the nut
> to the case, while you have it apart. That way it would
> be MUCH
> easier if you have to get to the final again. With the
> nut epoxied
> to the case, you can take the scre out and get it back
> in, without
> removing the cover again.
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>
> Charlie , W5COV
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> On 12/9/2013
> 9:57 PM, disklog@...
> wrote:
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> Dale,
> Do you have any tips for me concerning
> getting to the
> final transistor and removing it? My question
> centers on
> if there are issues or areas I need to pay
> special
> attention.
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>
> I
> figured you were the person to ask because you
> recently
> replaced a final for someone.
> Thanks,

> Ken
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2764. RE: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 12:11:52 UTC
From: Gary Stephenson
Topic: 2714 Message: 2764

I have been running 17 with out filter and any mod yet and it works great I have a pro WW8O Gary

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of rickmac06@...
Sent: Monday, December 9, 2013 3:57 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: low pass filter s

Bummer!!! My wife just ordered me a 17Meter Band Pass Filter for Christmas. 17 is my favorite band. BUMMER! Has anyone crossed this bridge yet and is using the X1M cleanly on 17M ?

--- In X1M_QRP-Transceiver@yahoogroups.com <mailto:X1M_QRP-Transceiver@yahoogroups.com> , "Dale Parfitt" <parinc1@... <mailto:parinc1@...> > wrote:
>
> Assuming Salvador's X1M is operating properly, the spectral plots he placed in the Files section for 17M show products that are WAY too close in to the fundamental to ever be removed by passive L-C filters, regardless of their topology or complexity. The close in 12M "stuff" is likely far enough below the carrier to not effect signal quality

2765. Re: Dang this radio is small!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 14:31:49 UTC
From: Marcus Ward
Topic: 2741 Message: 2765

Ah very good Charlie, I got the sidetone set. Seems like the pot is like the temp adjustment in a shower. There's only a tiny spot where it's okay, all the other settings are too loud (hot) or quiet (cold). ;)

Thanks for the pointer to find that in the manual.

Regards,
Marcus

2766. Re: [X1M_QRP-Transceiver] Re: low pass filter s

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 14:50:22 UTC
From: Dale Parfitt
Topic: 2714 Message: 2766

I have been a little busy to get my manual in the Files section regarding replacing the PA transistor. As Charlie suggested, once you get the flat head screw out and have the radio disassembled. epoxy the nut to the PA transistor tab (using the flat head screw to keep the nut centered while applying the epoxy.
Initially the nut will end up inside the PA shield- so it's a bit like a childs toy of years ago where you will have to shake the board until the nut falls out of the PA shield hole. A vacuum desoldering gun may be essential to clearing the D-S-G holes out.

Dale
----- Original Message -----
From: disklog@...
To: X1M_QRP-Transceiver@...m
Sent: Monday, December 09, 2013 10:57 PM
Subject: Re: [X1M_QRP-Transceiver] Re: low pass filter s

Dale,

Do you have any tips for me concerning getting to the final transistor and removing it? My question centers on if there are issues or areas I need to pay special attention.

I figured you were the person to ask because you recently replaced a final for someone.

Thanks,

Ken

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6905 - Release Date: 12/09/13

2767. ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 16:28:57 UTC
From: <pal350@...>
Topic: 2767 Message: 2767

Ed et al,

The original X1M simply had too many bugs in it for me and I returned it. After reading about the new version, I decided to give it another shot. Received it yesterday and have spent several hours with it. I had three main problems with the original version:

* The filtered ham bands had incomplete US coverage.

* The P.A. in my particular example exhibited some serious instability. This was present in the filtered bands to some extent, and was a lot worse outside them. Power jumped at odd times between 0.5 and 7 or 8 watts, a lot of which was spurs and garbage.

* CW mode was unusable due to a cyclic power output drop that resulted in dropped character elements.

The coverage issue has been taken care of in the new version. More on that below.

I think the second problem may have been a fault in my particular set, since I didn't read too many complaints about instability. So far my set has been stable. Testing continues.

The CW problem was reported by others and pretty much made CW operation impossible. That particular problem appears to be solved in the new version,

HOWEVER I ran into a new CW bug. The attack time on initial keydown is not fast enough, which causes the initial dit or dah to be either lost or shortened. For instance, if I send a "VVV" in manual keyer mode, what I hear in a local receiver is "UVV". The first dit gets cut off. If I send the series "VVV VVV" I hear "UVV VVV", etc. In other words, I have the problem if I let the radio switch back to receive mode. It's only the very first word element sent when the set is in receive mode that's goofed up. The first dit often gets dropped, and the first dah often gets shortened and sounds like a dit.

This is problem enough for slow guys like me. But for people who are really good at CW and send fast and like short break-in intervals, this is gonna cause real havoc since it happens with the keyer as well as in manual mode.

I'm guessing this could be caused by a poorly-handled interrupt in firmware, or a break-in or T/R relay that isn't fast enough. Ed, I would be very interested to know if the developers told you how they fixed the original CW problem. Was it an interrupt issue?

People with new version sets, please check for this CW situation.

With the added coverage on the filtered bands and CW at least partially usable, this version is a keeper for me. However, the developers need to address the new CW bug (if as I suspect it proves to be general), with a view toward fixing it in firmware if possible.

Also, I'd like Ed to relay the following upgrade requests to the developers:

1) Add the WARC bands to the filtered coverage. Can this be done by using the filters already present? For instance, could the 15m low pass filter be switched in for 17m, etc? 17m would be especially useful since it's been one of the favorite HFpacker bands.

2) Add an output setting capability to vary power out from 0 to 5W. This will allow QRPp ops for the truly adventurous. :)

I know every set will be a different, but here are the IF, LSB, and ISB alignment values I ended up with:

IF OFFSET: 08999554
LSB BFO: 08998450
USB BFO: 09000652

--Mark Francis
KI0PF

2768. Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 16:43:02 UTC
From: Dale Parfitt
Topic: 2767 Message: 2768

Hi Mark,
Do you have a spectrum analyzer- or perhaps a good HF RX?
The issue we saw was not that the first portion of a dot or dash (when the rig initially goes into TX mode) was clipped- but rather it was on the RX frequency (which is different from your TX frequency by your tone setting). This issue was solved in the last firmware upgrade. I typically run at 20-30 WPM and see no issues.

Dale W4OP

----- Original Message -----
From: pal350@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 10, 2013 11:28 AM
Subject: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Ed et al,

The original X1M simply had too many bugs in it for me and I returned it. After reading about the new version, I decided to give it another shot. Received it yesterday and have spent several hours with it. I had three main problems with the original version:

* The filtered ham bands had incomplete US coverage.

* The P.A. in my particular example exhibited some serious instability. This was present in the filtered bands to some extent, and was a lot worse outside them. Power jumped at odd times between 0.5 and 7 or 8 watts, a lot of which was spurs and garbage.

* CW mode was unusable due to a cyclic power output drop that resulted in dropped character elements.

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The CW problem was reported by others and pretty much made CW operation impossible. That particular problem appears to be solved in the new version,

HOWEVER I ran into a new CW bug. The attack time on initial keydown is not fast enough, which causes the initial dit or dah to be either lost or shortened. For instance, if I send a "VVV" in manual keyer mode, what I hear in a local

receiver is "UVV". The first dit gets cut off. If I send the series "VVV VVV" I hear "UVV VVV", etc. In other words, I have the problem if I let the radio switch back to receive mode. It's only the very first word element sent when the set is in receive mode that's goofed up. The first dit often gets dropped, and the first dah often gets shortened and sounds like a dit.

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People with new version sets, please check for this CW situation.

With the added coverage on the filtered bands and CW at least partially usable, this version is a keeper for me. However, the developers need to address the new CW bug (if as I suspect it proves to be general), with a view toward fixing it in firmware if possible.

Also, I'd like Ed to relay the following upgrade requests to the developers:

1) A dd the WARC bands to the filtered coverage. Can this be done by using the filters already present? For instance, could the 15m low pass filter be switched in for 17m, etc? 17m would be especially useful since it's been one of the favorite HFpacker bands.

2) Add an output setting capability to vary power out from 0 to 5W. This will allow QRPp ops for the truly adventurous. :)

I know every set will be a different, but here are the IF, LSB, and ISB alignment values I ended up with:

IF OFFSET: 08999554
LSB BFO: 08998450
USB BFO: 09000652

--Mark Francis
KI0PF

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6906 - Release Date: 12/10/13

2769. Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 17:06:47 UTC
From: <pal350@...>
Topic: 2767 Message: 2769

Dale,

I'm listening on a good RX using headphones as I send, so I'm hearing the X1M's actual transmitted sig.
There's definitely some weirdness going on with the first dot or dash when the X1M is in RX mode.
This could be my particular set.

Are you using the new X1M or the original version with upgraded firmware?

--Mark
KI0PF

2770. Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 17:34:24 UTC
From: Dale Parfitt
Topic: 2767 Message: 2770

PRO with upgrade. You need to be listening on the RX frequency when you 1st TX CW. Do you hear the first bit of your 1st character?
How do you have your CW BFO set up. The only way to have the RX freq readout to be accurate is to set the CW BFO Offset= to IF Offset.
What is your firmware version?
Dale W4OP

----- Original Message -----
From: pal350@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 10, 2013 12:06 PM
Subject: Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Dale,

I'm listening on a good RX using headphones as I send, so I'm hearing the X1M's actual transmitted sig.
There's definitely some weirdness going on with the first dot or dash when the X1M is in RX mode.
This could be my particular set.

Are you using the new X1M or the original version with upgraded firmware?

--Mark

KI0PF

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6906 - Release Date: 12/10/13

2771. Re: [X1M_QRP-Transceiver] X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 18:40:01 UTC
From: John N Jeanne Meeks
Topic: 2645 Message: 2771

Dale I also would be interested.

John
KJ6KQI

On Friday, December 6, 2013 10:52 AM, jon <jon@...> wrote:

Great idea, put me on the list!

On Wed, 4 Dec 2013, Dale Parfitt wrote:

>
>
> ☐Can I get a show of hands of anyone on the list that would have an interest
> in a crystal CW filter for the X1M? As I envision it, the filter (# of
> poles to be determined as well as BW) would be automatically enabled when CW
> mode was selected. The SMD board consisting of the crsytals, SMD caps, drive
> signal transistor buffer and 2 SMD reed relays would fit on the bottom of
> the top board. It would require cutting two traces on the current filter
> (which would still be selected for SSB/digital modes). This is very early
> on, but if enough interest I'll start on a design. Note: this will NOT be
> in time for Christmas presents. There are a few challenges involved, so
> success is not guaranteed.
>
> Dale W4OP
>
>
> ----- Original Message -----
> From: lphebus@yahoo.com
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Wednesday, December 04, 2013 5:19 PM
> Subject: [X1M_QRP-Transceiver] RE: Replacing the P.A. transistor in
> the X1M
>
>
>
> Dale, you replaced it with the original transistor type, correct?
> This was a repair, not an upgrade?
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus Database: 3657/6890 - Release Date:
> 12/04/13
>
>

>
>
>
>

2772. Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 19:08:43 UTC
From: <pal350@...>
Topic: 2767 Message: 2772

The way I set it up:

IF offset = 8999554
CW BFO = 8998753

CW is 801 Hz under IF. This gives an 800 Hz tone in USB on the test receiver.

Tried setting CW = IF. That requires me to tune down 800 Hz in USB on the test receiver to get an 800 Hz tone.

Symptom persists. I don't think this has anything to do with how the CW BFO is set up.
I don't use CW a lot, but when I do it's usually with mil surplus friends who are using radios
that derive CW by injecting a tone into their xmitter's balanced modulator. When I say "meet on
7125", both of us tune to 7125.000 indicated and have at it. Usually our radios don't have a
separate CW mode switch setting - we just connect a key in USB mode. When the key is operated,
the radio injects an 800 Hz tone into the balanced modulator and that's what the guy on the other
end hears. No messing with RIT at either end, no chasing tails. That's why I set up my CW per the

top parameters.

But here it doesn't matter how I set up CW, off-set or down the center of the IF...still getting that
first character element cut off.

--Mark
KI0PF

2773. Serial number

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 19:26:14 UTC
From: <disklog@...>
Topic: 2773 Message: 2773

First thanks to Charlie and Dale for their guidance concerning changing the final transistor. I hope to do that job tonight.

Next, yesterday (Monday) I received my x1mPro. So far I love it and have made contacts with it. Good power output and loud audio (after adjusting the mic pot). My first contact said the audio sounded restricted like an old fashioned phone patch.
I monitored my audio and I agree with him. Last night I swapped out the mic element with all those in my junk box. The very last one I tried had good sounding audio. I confirmed it with a local who knows my voice. So if you get crummy audio reports, it can be improved.
The only real issue I have had with the radio has been with the mic itself. I lost all audio on transmit. Checked for broken wires but found none. I resoldered every connection in the mic and that fixed the problem.
Bottom line the mic is of VERY poor quality. Hopefully my repair will hold up.
More to follow this evening or tomorrow after I change the final to its higher gain twin.
Ken

2774. Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 19:27:06 UTC
From: mikejmardis@...
Topic: 2767 Message: 2774

I got my radio yesterday. I'll test it when I get home and let you know if I'm having the same issue with CW

Sent from my iPhone

> On Dec 10, 2013, at 14:08, <pal350@...> wrote:
>
> The way I set it up:
>
>
>
> IF offset = 8999554
> CW BFO = 8998753
>
> CW is 801 Hz under IF. This gives an 800 Hz tone in USB on the test receiver.
>
> Tried setting CW = IF. That requires me to tune down 800 Hz in USB on the test receiver to
> get an 800 Hz tone.
>
> Symptom persists. I don't think this has anything to do with how the CW BFO is set up.
> I don't use CW a lot, but when I do it's usually with mil surplus friends who are using radios
> that derive CW by injecting a tone into their xmitter's balanced modulator. When I say "meet on
> 7125", both of us tune to 7125.000 indicated and have at it. Usually our radios don't have a
> separate CW mode switch setting - we just connect a key in USB mode. When the key is operated,
> the radio injects an 800 Hz tone into the balanced modulator and that's what the guy on the other
> end hears. No messing with RIT at either end, no chasing tails. That's why I set up my CW per the
>
> top parameters.
>
>
> But here it doesn't matter how I set up CW, off-set or down the center of the IF...still getting that
> first character element cut off.
>
>
>
> --Mark

> KI0PF
>
>
>
>

2775. I am a bird brain.....serial number question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 19:27:56 UTC
From: <disklog@...>
Topic: 2775 Message: 2775

I forgot to include in my last email, my new X1Mpro does not have a serial number sticker on the back. I haven't seen one in the display either. Does one exist?
Ken

2776. Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 20:08:20 UTC
From: Bastress, David G
Topic: 2767 Message: 2776

GA Dale,

Just got my new X1M. I noticed its manufacturing date was back in mid October. Does that mean I need to do a software update? I seem to remember that a software update came out sometime in November. Maybe that could be Mark's problem as well.

Dave K3GAU

On Tue, Dec 10, 2013 at 12:06 PM, <pal350@...> wrote:

>
>
> Dale,
>
> I'm listening on a good RX using headphones as I send, so I'm hearing the
> X1M's actual transmitted sig.
> There's definitely some weirdness going on with the first dot or dash when
> the X1M is in RX mode.
> This could be my particular set.
>
> Are you using the new X1M or the original version with upgraded firmware?
>
>
> --Mark
>
> KI0PF
>
>
>

2777. Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 20:55:54 UTC
From: Dale Parfitt
Topic: 2767 Message: 2777

Check your version number. The latest is V1.021 dated November 20.

Dale W4OP

----- Original Message -----
From: Bastress, David G
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 10, 2013 3:08 PM
Subject: Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

GA Dale,

Just got my new X1M. I noticed its manufacturing date was back in mid October. Does that mean I need to do a software update? I seem to remember that a software update came out sometime in November. Maybe that could be Mark's problem as well.

Dave K3GAU

On Tue, Dec 10, 2013 at 12:06 PM, <pal350@...> wrote:

Dale,

I'm listening on a good RX using headphones as I send, so I'm hearing the X1M's actual transmitted sig.
There's definitely some weirdness going on with the first dot or dash when the X1M is in RX mode.
This could be my particular set.

Are you using the new X1M or the original version with upgraded firmware?

--Mark

KI0PF

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6906 - Release Date: 12/10/13

2778. Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 21:24:06 UTC
From: Dale Parfitt
Topic: 2767 Message: 2778

What is your CW Tone setting?

Dale W4OP
----- Original Message -----
From: pal350@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 10, 2013 2:08 PM
Subject: Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

The way I set it up:

IF offset = 8999554
CW BFO = 8998753

CW is 801 Hz under IF. This gives an 800 Hz tone in USB on the test receiver.

Tried setting CW = IF. That requires me to tune down 800 Hz in USB on the test receiver to get an 800 Hz tone.

Symptom persists. I don't think this has anything to do with how the CW BFO is set up.
I don't use CW a lot, but when I do it's usually with mil surplus friends who are using radios
that derive CW by injecting a tone into their xmitter's balanced modulator. When I say "meet on
7125", both of us tune to 7125.000 indicated and have at it. Usually our radios don't have a
separate CW mode switch setting - we just connect a key in USB mode. When the key is operated,
the radio injects an 800 Hz tone into the balanced modulator and that's what the guy on the other
end hears. No messing with RIT at either end, no chasing tails. That's why I set up my CW per the

top parameters.

But here it doesn't matter how I set up CW, off-set or down the center of the IF...still getting that
first character element cut off.

--Mark
KI0PF

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6906 - Release Date: 12/10/13

2779. Re: [X1M_QRP-Transceiver]serial number question and some issues addressed

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 21:23:37 UTC
From: Charlie , W5COV
Topic: 2779 Message: 2779

The PRO used to have the serial number embedded in the firmware. When we started doing firmware updates they did away with serial numbers completely. I don't have a new radio, but do have the original and the PRO from the shipment previous to this one. There are no serial numbers through that lot if the radio has been upgraded.

It would be helpful for us to help you, if you push and hold F5 and see which firmware version that you have and post that when you post.

We have been through many changes. The CW and keyer has been through even more revisions. Also helpful is what version radio you have. Since now the original X1M can be upgraded to a PRO with the faceplate change, please mention if it is this radio, or a PRO, and again the version of firmware that you are running.

Dale and I have not seen the radio from the latest shipment or the faceplate that is shipping for the upgrade. I have however successfully experimented with a PRO faceplate from the previous run on an original X1M and have noted no problems, except the same ones noted with the PRO. So since we are kind of working not blind , but a little in the haze, we need you to give us as much information as you can, so we can attempt to identify if there is a problem in this new run or it just needs a firmware update.

No there is no more room for filters inside of the radio. Once we get through this "growing phase" of this shipment of X1M's and attempt to get everyone up and running properly, one of the plans already on our sketch pads , is a rotary switched set of filters, switched by relays, as an external addition for 5 additional bands for the X1M. If you are in a hurry and need it right away, it is not going to happen by Dale or I. We both have other business and family time , plus our own operating time , that we need to unwind and only do the X1M as a hobby, more correctly described as a "labor of love."

I too have run the X1M on 17 meters successfully with no complaints, using a home built 7 element Chebyshev low pass filter on the output , with good reports. HOWEVER people today tend not to be critical enough of our signals and I have not yet put mine on the SA. I was getting ready to do that last night, but my brother was in ICU at the hospital and is now in a regular room, so "perhaps" I will get it on the Analyzer tonight.I would still advise CAUTION using it outside the filtered bands without at least minimally a filter on the output. Due to the radio design (which is a common design to use 9 MHz. and has been around for years) then 17 METERS is a band to especially take caution operating on, or anywhere in the 18 MHz. range. Very nice 2nd harmonic of

9 MHz., that many of us old timers remember dealing with as Novices. Not an issue that you see so much today, but it still exists.

The microphone is not a "standard" component on the X1M. I have seen more than one "brand" used and they are repurposed speaker microphones, so another helpful tip to you new to the radio, is to write down your color of wires and connections to the plug. We have also done a couple of simple Exacto Knife trimmings inside of the mic and it helps. Plus one of the first things to do, as covered in the instructions, is to remove the top cover and set your sidetone volume and also your mic gain. Both of these pots are single turn and actually do have that proverbial "SWEET SPOT" so it is kind of a MUST in my opinion, before you start looking at more radical approaches and changes.

More later, if you have a problem, or if I remember something helpful. We once again have our volunteer "manual writer" with a radio in hand. Paul Ross , is our "unofficial" manual author, so make certain he gets any new information. Please study the files and photos, many of these issues have been covered and a little reading of them can be Chicken Soup for the Soul of an X1M user.

ENJOY !!!
Charlie, W5COV

On 12/10/2013 1:27 PM, disklog@... wrote:
>
> I forgot to include in my last email, my new X1Mpro does not have a
> serial number sticker on the back. I haven't seen one in the display
> either. Does one exist?
> Ken
>
>

2780. Re: serial number question and some issues addressed

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 21:50:37 UTC
From: Paul W. Ross
Topic: 2779 Message: 2780

I just got my new PRO - NO serial number.

Firmware (F5) says:

V101b - USA
Oct 14, 2013
18:54:37

Moving right along...

Anybody help me -- need new screen shots for manual update? Also new front panel photo, as they ditched the old ghastly red knob.

Also -- excess old style RS-232 adapter -- free to a new home for price of postage. QRZ e-mail is correct.

73 /paul W3FIS

2781. Re: [X1M_QRP-Transceiver] Re: serial number question and some issues addressed

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 22:08:46 UTC
From: Dale Parfitt
Topic: 2779 Message: 2781

That is good news in a way Paul- as it demonstrates the the latest batch of rigs does not have the most recent firmware. Thus the issue with the first part of the first code element being on the RX frequency. It will sound clipped if listening to the TX on a receiver. But it is a result of the frequency being incorrect during that transition. This was not discovered until some time in September or early October because before the October update, CW Tone did not work properly.
I reported the problem in mid October accompanied by a spectrum analyzer plot (that I believe is in the photos section) that showed the beginning of each CW TX cycle starting out on the RX frequency. Ed was able to communicate the issue to China and it got fixed in the November release.

Dale W4OP

Dale W4OP
----- Original Message -----
From: Paul W. Ross
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 10, 2013 4:50 PM
Subject: [X1M_QRP-Transceiver] Re: serial number question and some issues addressed

I just got my new PRO - NO serial number.

Firmware (F5) says:

V101b - USA
Oct 14, 2013
18:54:37

Moving right along...

Anybody help me -- need new screen shots for manual update? Also new
front panel photo, as they ditched the old ghastly red knob.

Also -- excess old style RS-232 adapter -- free to a new home for price
of postage. QRZ e-mail is correct.

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6906 - Release Date: 12/10/13

2782. Re: Got mine yesterday software=V1.01B????

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 22:14:24 UTC
From: ken fest
Topic: 2767 Message: 2782

Dale posted that the latest version is V1.021 dated 11/20. I guess I already have to do an update. I did buy the cable from Ed so it should go without a problem.
Does anyone know what the changes were between the new and the Oct 14 version?
Ken

On Tue, 12/10/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Tuesday, December 10, 2013, 3:55 PM

Check your version number.
The latest is V1.021
dated November 20.

Dale W4OP

----- Original Message -----

From:
Bastress, David
G
To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Tuesday,
December 10, 2013 3:08
PM
Subject: Re:
[X1M_QRP-Transceiver] ATTN -
Ed and the Group: Initial thoughts on the new X1M
version

GA Dale,

Just got my new X1M. I noticed its
manufacturing date was back in
mid October. Does that mean I need to do a software
update? I seem
to remember that a software update came out sometime in
November.
Maybe that could be Mark's problem as well.

Dave K3GAU

On Tue, Dec 10, 2013
at 12:06 PM, <pal350@...>

wrote:

Dale,

I'm listening on a good RX using headphones as I send,
so
I'm hearing the X1M's actual transmitted
sig.
There's definitely
some weirdness going on with the first dot or dash when
the X1M is in RX
mode.
This could be my particular set.

Are you using the
new X1M or the original version with upgraded firmware?

--Mark
KI0PF

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6906 - Release Date:
12/10/13

2783. Re: [X1M_QRP-Transceiver] Re: serial number question and some issues addressed

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 22:17:03 UTC
From: ken fest
Topic: 2779 Message: 2783

Paul,
I also just got the latest version with two black knobs. I can take pictures this evening if you need them.
Please let me know exactly what you need.
Ken

On Tue, 12/10/13, Paul W. Ross <deadgoose@...> wrote:

Subject: [X1M_QRP-Transceiver] Re: serial number question and some issues addressed
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Tuesday, December 10, 2013, 4:50 PM

I just got my new PRO - NO
serial number.

Firmware (F5) says:

V101b - USA
Oct 14, 2013
18:54:37

Moving right along...

Anybody help me -- need new screen shots for manual
update? Also new
front panel photo, as they ditched the old ghastly red
knob.

Also -- excess old style RS-232 adapter -- free to a new
home for price
of postage. QRZ e-mail is correct.

73 /paul W3FIS

Yahoo Groups Links

    X1M_QRP-Transceiver-fullfeatured@yahoogroups.com

2784. Re: [X1M_QRP-Transceiver] Re: serial number question and some issues addressed

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 22:20:10 UTC
From: Charlie , W5COV
Topic: 2779 Message: 2784

THANK YOU from me too Paul, that answers a LOT of questions, and we can now proceed with any problems or issues, that people "might: have.

So PLEASE include your firmware version, when you post your question. as well as which radio you have.

Original X1M
PRO Faceplate upgraded Original X1M
PRO
NEW SHIPMENT PRO

NAME & OR CALL , Plus Location , is VERY MUCH appreciated, since we have several people with the same name on here.

Thanks,
Charlie,W5COV

On 12/10/2013 4:08 PM, Dale Parfitt wrote:
>
> That is good news in a way Paul- as it demonstrates the the latest
> batch of rigs does not have the most recent firmware. Thus the issue
> with the first part of the first code element being on the RX
> frequency. It will sound clipped if listening to the TX on a receiver.
> But it is a result of the frequency being incorrect during that
> transition. This was not discovered until some time in September or
> early October because before the October update, CW Tone did not work
> properly.
> I reported the problem in mid October accompanied by a spectrum
> analyzer plot (that I believe is in the photos section) that showed
> the beginning of each CW TX cycle starting out on the RX frequency. Ed
> was able to communicate the issue to China and it got fixed in the
> November release.
> Dale W4OP
> Dale W4OP
>
> ----- Original Message -----
> *From:* Paul W. Ross <mailto:deadgoose@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Tuesday, December 10, 2013 4:50 PM
> *Subject:* [X1M_QRP-Transceiver] Re: serial number question and
> some issues addressed
>
> I just got my new PRO - NO serial number.
>

> Firmware (F5) says:
>
> V101b - USA
> Oct 14, 2013
> 18:54:37
>
> Moving right along...
>
> Anybody help me -- need new screen shots for manual update? Also new
> front panel photo, as they ditched the old ghastly red knob.
>
> Also -- excess old style RS-232 adapter -- free to a new home for
> price
> of postage. QRZ e-mail is correct.
>
> 73 /paul W3FIS
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6906 - Release Date:
> 12/10/13
>
>

2785. Re: [X1M_QRP-Transceiver] Re: Got mine yesterday software=V1.01B????

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 22:30:55 UTC
From: Dale Parfitt
Topic: 2767 Message: 2785

From memory (?):

The CW freq shift issue which I recently posted about was fixed.

I think the speed readout was also fixed in this version. Previously, setting at 10WPM actually was 20 WPM.

RIT step was increased from 1Hz/step to 10Hz which now yields a very usable RIT rate.

I think that was it. The major update was October which fixed numerous keyer issues, Split on CW, RIT and CW Tone.

For those of you who will be adding my AGC board- note that China has implemented my increased audio gain mod in all of the new radios- so ignore that section of the manual.

We are hoping that Memory--> VFO will be in a newer update as it does not presently exist. After that, I am out of ideas.

Did I miss anything Charlie?

Dale W4OP
----- Original Message -----
From: ken fest
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 10, 2013 5:14 PM
Subject: [X1M_QRP-Transceiver] Re: Got mine yesterday software=V1.01B????

Dale posted that the latest version is V1.021 dated 11/20. I guess I already have to do an update. I did buy the cable from Ed so it should go without a problem.
Does anyone know what the changes were between the new and the Oct 14 version?
Ken

On Tue, 12/10/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Tuesday, December 10, 2013, 3:55 PM

Check your version number.
The latest is V1.021
dated November 20.

Dale W4OP

----- Original Message -----

From:
Bastress, David
G
To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Tuesday,
December 10, 2013 3:08
PM
Subject: Re:
[X1M_QRP-Transceiver] ATTN -
Ed and the Group: Initial thoughts on the new X1M
version

GA Dale,

Just got my new X1M. I noticed its
manufacturing date was back in
mid October. Does that mean I need to do a software
update? I seem
to remember that a software update came out sometime in
November.
Maybe that could be Mark's problem as well.

Dave K3GAU

On Tue, Dec 10, 2013
at 12:06 PM, <pal350@...>

wrote:

Dale,

I'm listening on a good RX using headphones as I send,
so
I'm hearing the X1M's actual transmitted
sig.
There's definitely
some weirdness going on with the first dot or dash when
the X1M is in RX
mode.
This could be my particular set.

Are you using the
new X1M or the original version with upgraded firmware?

--Mark
KI0PF

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6906 - Release Date:
12/10/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6906 - Release Date: 12/10/13

2786. RE: I am a bird brain.....serial number question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 22:39:37 UTC
From: <deadgoose@...>
Topic: 2775 Message: 2786

Nope...

73 /paul W3FIS

2787. RE: ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 22:44:16 UTC
From: <deadgoose@...>
Topic: 2767 Message: 2787

No memory to VFO that I can find. Just got mine this afternoon. Running initial "smoke test," and shaking it down. XYL goes to play cards tomorrow, so just me and the dog. I need to get his code speed up.. we shall see. His paws are a good fit my my old J-38... He was greatly disappointed that it was the postman, not the DHL guy that delivered the package...

I will work on the manual ASAP. Just going through it line by line and doing a "reality" check. I am afraid I need to leave in some of the alignment stuff, as on an AM station, the USB and LSB sound SLIGHTLY different. I am not going to fool with mine. The side tone needs to be tamed down. No surprise there. Lots of audio, so that seems to have been cured.

NICE new knobs -- both the same. Red knob has gone... That is a good thing.

73 /paul W3FIS

2788. CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 22:52:48 UTC
From: Dale Parfitt
Topic: 2788 Message: 2788

As I continue work on the CW filter- what is the preferred CW Offset that you guys like? I personally use 500Hz, but that may be a bit low for some of you. A show of hands please- majority wins. As of this writing, this is still a democracy.

Dale W4OP

2789. Re: [X1M_QRP-Transceiver] CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 22:51:42 UTC
From: Tim
Topic: 2788 Message: 2789

600-700

W5FN

> □
>
> As I continue work on the CW filter- what is the preferred CW Offset
> that you guys like?
> I personally use 500Hz, but that may be a bit low for some of you. A
> show of hands please- majority wins. As of this writing, this is still
> a democracy.
> Dale W4OP
>
>
>

2790. Re: [X1M_QRP-Transceiver] CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 22:55:51 UTC
From: Dale Parfitt
Topic: 2788 Message: 2790

Pick one. 600 or 700.
----- Original Message -----
From: Tim
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 10, 2013 5:51 PM
Subject: Re: [X1M_QRP-Transceiver] CW Filter

600-700

W5FN

☐
As I continue work on the CW filter- what is the preferred CW Offset that you guys like?
I personally use 500Hz, but that may be a bit low for some of you. A show of hands please- majority wins. As of this writing, this is still a democracy.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6908 - Release Date: 12/10/13

2791. Re: [X1M_QRP-Transceiver] CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 22:58:50 UTC
From: Charlie , W5COV
Topic: 2788 Message: 2791

700 here :)

Charlie

On 12/10/2013 4:55 PM, Dale Parfitt wrote:
>
> □
>
> Pick one. 600 or 700.
>
> ----- Original Message -----
> *From:* Tim <mailto:tim@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Tuesday, December 10, 2013 5:51 PM
> *Subject:* Re: [X1M_QRP-Transceiver] CW Filter
>
> 600-700
>
> W5FN
>
>
>> □
>> As I continue work on the CW filter- what is the preferred CW
>> Offset that you guys like?
>> I personally use 500Hz, but that may be a bit low for some of
>> you. A show of hands please- majority wins. As of this writing,
>> this is still a democracy.
>> Dale W4OP
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6908 - Release Date:
> 12/10/13
>
>

2792. Re: [X1M_QRP-Transceiver] CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 23:09:37 UTC
From: Tim
Topic: 2788 Message: 2792

700 :-)

Tim
>
>
> 700 here :)
>
> Charlie
>
> On 12/10/2013 4:55 PM, Dale Parfitt wrote:
>>
>> □
>>
>> Pick one. 600 or 700.
>>
>> ----- Original Message -----
>> *From:* Tim <mailto:tim@...>
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>> *Sent:* Tuesday, December 10, 2013 5:51 PM
>> *Subject:* Re: [X1M_QRP-Transceiver] CW Filter
>>
>> 600-700
>>
>> W5FN
>>
>>
>>> □
>>> As I continue work on the CW filter- what is the preferred CW
>>> Offset that you guys like?
>>> I personally use 500Hz, but that may be a bit low for some of
>>> you. A show of hands please- majority wins. As of this writing,
>>> this is still a democracy.
>>> Dale W4OP
>>
>> No virus found in this message.
>> Checked by AVG - www.avg.com <http://www.avg.com>
>> Version: 2014.0.4259 / Virus Database: 3658/6908 - Release Date:
>> 12/10/13
>>
>
>
>
>

2793. New AGC Kit Run

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 23:19:51 UTC
From: Dale Parfitt
Topic: 2793 Message: 2793

Charlie, W5COV has been kind enough to take over the AGC kitting and shipping. I sheared the boards today and posted them to him. Charlie anticipates he can begin shipping by next Monday. Please contact W5COV directly regarding payments etc.

73,

Dale W4OP
----- Original Message -----
From: pal350@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 10, 2013 2:08 PM
Subject: Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

The way I set it up:

IF offset = 8999554
CW BFO = 8998753

CW is 801 Hz under IF. This gives an 800 Hz tone in USB on the test receiver.

Tried setting CW = IF. That requires me to tune down 800 Hz in USB on the test receiver to get an 800 Hz tone.

Symptom persists. I don't think this has anything to do with how the CW BFO is set up.
I don't use CW a lot, but when I do it's usually with mil surplus friends who are using radios
that derive CW by injecting a tone into their xmitter's balanced modulator. When I say "meet on
7125", both of us tune to 7125.000 indicated and have at it. Usually our radios don't have a
separate CW mode switch setting - we just connect a key in USB mode. When the key is operated,
the radio injects an 800 Hz tone into the balanced modulator and that's what the guy on the other
end hears. No messing with RIT at either end, no chasing tails. That's why I set up my CW per the

top parameters.

But here it doesn't matter how I set up CW, off-set or down the center of the IF...still getting that
first character element cut off.

--Mark
KI0PF

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6906 - Release Date: 12/10/13

2794. Comparison LF-RX X1M Pro <--> TS-590S

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-10 23:36:09 UTC
From: <df2jp@...>
Topic: 2794 Message: 2794

Hi folks,

I´ve made a comparison of this both TRX last night in OPERA32 on 137kHz.
X1M was connected to my resonant Inverted-L Antenna, the TS-590S to a Wellbrook RX Loop.
Thats the result:
Kenwood TS-590 with Wellbrook Loop Antenna X1M with Inverted L-Antenna

05:58 136 DK7FC Op32 +0 dB Fade: 1%
05:55 136 UW8SM Op32 -36 dB Fade: 8%
05:23 136 DK7FC Op32 -2 dB Fade: 1%
05:18 136 UW8SM Op32 -38 dB Fade: 19%
04:48 136 DK7FC Op32 -3 dB Fade: 1%
04:13 136 DK7FC Op32 -1 dB Fade: 1%
03:38 136 DK7FC Op32 -1 dB Fade: 1%
03:03 136 DK7FC Op32 -4 dB Fade: 24%
02:28 136 DK7FC Op32 -2 dB Fade: 5%
01:53 136 DK7FC Op32 +0 dB Fade: 1%
01:18 136 DK7FC Op32 +0 dB Fade: 8%
00:43 136 DK7FC Op32 -7 dB Fade: 4%
00:08 136 DK7FC Op32 -3 dB Fade: 3%
********** 09/12/2013 **********
23:33 136 DK7FC Op32 -2 dB Fade: 1%
22:58 136 DK7FC Op32 -3 dB Fade: 1%
22:23 136 DK7FC Op32 -3 dB Fade: 1%
21:48 136 DK7FC Op32 -4 dB Fade: 2%
21:13 136 DK7FC Op32 -3 dB Fade: 1%
20:38 136 DK7FC Op32 -4 dB Fade: 10%
20:03 136 DK7FC Op32 -3 dB Fade: 1%

05:58 136 DK7FC de DF2JP Op32 -1 dB
05:55 136 UW8SM de DF2JP Op32 -35 dB
05:23 136 DK7FC de DF2JP Op32 -2 dB
05:18 136 UW8SM de DF2JP Op32 -37 dB
04:48 136 DK7FC de DF2JP Op32 -3 dB
04:13 136 DK7FC de DF2JP Op32 -3 dB
03:38 136 DK7FC de DF2JP Op32 -2 dB
03:03 136 DK7FC de DF2JP Op32 -3 dB
02:28 136 DK7FC de DF2JP Op32 -2 dB
01:53 136 DK7FC de DF2JP Op32 -1 dB
01:18 136 DK7FC de DF2JP Op32 -1 dB
00:43 136 DK7FC de DF2JP Op32 -7 dB
00:08 136 DK7FC de DF2JP Op32 -5 dB
***** 09/12/2013 *****
23:33 136 DK7FC de DF2JP Op32 -2 dB
23:28 136 RN3AGC de DF2JP Op32 -39 dB
22:58 136 DK7FC de DF2JP Op32 -4 dB

22:23 136 DK7FC de DF2JP Op32 -4 dB i
21:48 136 DK7FC de DF2JP Op32 -4 dB
21:13 136 DK7FC de DF2JP Op32 -3 dB
20:38 136 DK7FC de DF2JP Op32 -3 dB
20:03 136 DK7FC de DF2JP Op32 -12 dB

The spike at 20:03 with -12dB was with preamp = on .After switching it off they where not much difference between the both RX.
I put some OPERA screenshots in my photo folder where our biggest problem is vissible, DCF39 (in the right corner) which interferes the whole band with a very strong signal. X1M Pro can handle it even without the AGC board.

73 Joe
DF2JP
XM1 Pro, FW: V1.021 USA

2795. Re: Got mine yesterday software=V1.01B????

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 00:03:34 UTC
From: Marcus Ward
Topic: 2767 Message: 2795

This is interesting. Last night messing with my new shipment pro I didn't notice the first dit of the string of V's I sent to test the keyer getting cut off

Also ATT is gone from the menu, in its place is KS (keyer speed).

When I set the keyer speed to 10, it was 10wpm.

I'll have to check and see which firmware I am on. I'm at work right now and didn't think to bring it with me.

Regards,
Marcus

From memory (?):

The CW freq shift issue which I recently posted about was fixed.

I think the speed readout was also fixed in this version. Previously, setting at 10WPM actually was 20 WPM.

RIT step was increased from 1Hz/step to 10Hz which now yields a very usable RIT rate.

I think that was it. The major update was October which fixed numerous keyer issues, Split on CW, RIT and CW Tone.

For those of you who will be adding my AGC board- note that China has implemented my increased audio gain mod in all of the new radios- so ignore that section of the manual.

We are hoping that Memory--> VFO will be in a newer update as it does not presently exist. After that, I am out of ideas.

Did I miss anything Charlie?

Dale W4OP

2796. Re: [X1M_QRP-Transceiver] Comparison LF-RX X1M Pro <--> TS-590S

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 00:07:54 UTC
From: Dale Parfitt
Topic: 2794 Message: 2796

The AGC board is audio derived and effects the MC1350 which is after the crystal filter- thus has no effect on IP3.

Dale W4OP
----- Original Message -----
From: df2jp@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 10, 2013 6:36 PM
Subject: [X1M_QRP-Transceiver] Comparison LF-RX X1M Pro <--> TS-590S

Hi folks,

I´ve made a comparison of this both TRX last night in OPERA32 on 137kHz.
X1M was connected to my resonant Inverted-L Antenna, the TS-590S to a Wellbrook RX Loop.
Thats the result:

Kenwood TS-590 with Wellbrook Loop Antenna X1M with Inverted L-Antenna

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05:55 136 UW8SM Op32 -36 dB Fade: 8%

05:23 136 DK7FC Op32 -2 dB Fade: 1%

05:18 136 UW8SM Op32 -38 dB Fade: 19%

04:48 136 DK7FC Op32 -3 dB Fade: 1%

04:13 136 DK7FC Op32 -1 dB Fade: 1%

03:38 136 DK7FC Op32 -1 dB Fade: 1%

03:03 136 DK7FC Op32 -4 dB Fade: 24%

02:28 136 DK7FC Op32 -2 dB Fade: 5%

01:53 136 DK7FC Op32 +0 dB Fade: 1%

01:18 136 DK7FC Op32 +0 dB Fade: 8%

00:43 136 DK7FC Op32 -7 dB Fade: 4%

00:08 136 DK7FC Op32 -3 dB Fade: 3%

********** 09/12/2013 **********

23:33 136 DK7FC Op32 -2 dB Fade: 1%

22:58 136 DK7FC Op32 -3 dB Fade: 1%

22:23 136 DK7FC Op32 -3 dB Fade: 1%

21:48 136 DK7FC Op32 -4 dB Fade: 2%

21:13 136 DK7FC Op32 -3 dB Fade: 1%

20:38 136 DK7FC Op32 -4 dB Fade: 10%

20:03 136 DK7FC Op32 -3 dB Fade: 1%

05:58 136 DK7FC de DF2JP Op32 -1 dB

05:55 136 UW8SM de DF2JP Op32 -35 dB

05:23 136 DK7FC de DF2JP Op32 -2 dB

05:18 136 UW8SM de DF2JP Op32 -37 dB

04:48 136 DK7FC de DF2JP Op32 -3 dB

04:13 136 DK7FC de DF2JP Op32 -3 dB

03:38 136 DK7FC de DF2JP Op32 -2 dB

03:03 136 DK7FC de DF2JP Op32 -3 dB

02:28 136 DK7FC de DF2JP Op32 -2 dB

01:53 136 DK7FC de DF2JP Op32 -1 dB

01:18 136 DK7FC de DF2JP Op32 -1 dB

00:43 136 DK7FC de DF2JP Op32 -7 dB

00:08 136 DK7FC de DF2JP Op32 -5 dB

***** 09/12/2013 *****

23:33 136 DK7FC de DF2JP Op32 -2 dB

23:28 136 RN3AGC de DF2JP Op32 -39 dB

22:58 136 DK7FC de DF2JP Op32 -4 dB

22:23 136 DK7FC de DF2JP Op32 -4 dB i

21:48 136 DK7FC de DF2JP Op32 -4 dB

21:13 136 DK7FC de DF2JP Op32 -3 dB

20:38 136 DK7FC de DF2JP Op32 -3 dB

20:03 136 DK7FC de DF2JP Op32 -12 dB

The spike at 20:03 with -12dB was with preamp = on .After switching it off they where not much difference between the both RX.
I put some OPERA screenshots in my photo folder where our biggest problem is vissible, DCF39 (in the right corner) which interferes the whole band with a very strong signal. X1M

Pro can handle it even without the AGC board.

73 Joe
DF2JP
XM1 Pro, FW: V1.021 USA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6908 - Release Date: 12/10/13

2797. Re: [X1M_QRP-Transceiver] Comparison LF-RX X1M Pro <--> TS-590S

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 00:29:26 UTC
From: Charlie , W5COV
Topic: 2794 Message: 2797

Hi Joe,

THANK YOU, for posting the numbers !!! I haven't had a lot of free time to experiment on 2200 meters. I do have the 1750 meter station up and running, but we have been down to zero or below at night for several days now and I need to do a little more antenna work , to improve my signal. I have listened quite a bit on 600/630 meters with it .

Really nice heads up comparison !! I hope you will continue to post your information and experience, because my "radio home", plus design and building projects are all 2 MHz. and below.

I have wished and asked for one very small firmware change for the X1M, but there seems to be just a couple of us that want it and have a REAL use for it , and that is to drop the lower frequency limit to at least 50 kHz. I have done the change on my own controller on a homebuilt rig, that uses basically the same scheme as the X1M and it takes less than 5 minutes to accomplish and no cost involved for hardware.

Some others "MIGHT" even want a little lower bottom end for several of the USA stations they use as a SID monitor reference. It would also add WWVB here in the USA. Some run in the 18 to 20 kHz. range.

My 4,000 meter station sits by quietly in the corner. My nice Tektronix high power amp awaits my attention. Since it weighs in at 140 pounds it is difficult for me to move around and to get in from the work bench to the test bench and back and forth. The X1M and related projects still have plenty of hours of work in front of me. I do enjoy working on the X1M, it is a true "labor of love" to me to see what the original radio was and the excellent radio that it is today, so it is time well spent.

Maybe one day we will attract even more people with a lot of interest in the frequencies in the experimental bands and we will one day see the X1M software changed to allow us to use it below 100 kHz.

Nice impressive numbers for the X1M . Keep up the good work Joe, I'll be looking forward to seeing more on what you are doing with the X1M on 2200 meters.

73, Charlie, W5COV

On 12/10/2013 5:36 PM, df2jp@... wrote:
>
> Hi folks,
>
> I´ve made a comparison of this both TRX last night in OPERA32 on 137kHz.
> X1M was connected to my resonant Inverted-L Antenna, the TS-590S to a

> Wellbrook RX Loop.
> Thats the result:
>
> Kenwood TS-590 with Wellbrook Loop Antenna X1M with Inverted L-Antenna
>
> 05:58 136 DK7FC Op32 +0 dB Fade: 1%
>
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>
> 05:23 136 DK7FC Op32 -2 dB Fade: 1%
>
> 05:18 136 UW8SM Op32 -38 dB Fade: 19%
>
> 04:48 136 DK7FC Op32 -3 dB Fade: 1%
>
> 04:13 136 DK7FC Op32 -1 dB Fade: 1%
>
> 03:38 136 DK7FC Op32 -1 dB Fade: 1%
>
> 03:03 136 DK7FC Op32 -4 dB Fade: 24%
>
> 02:28 136 DK7FC Op32 -2 dB Fade: 5%
>
> 01:53 136 DK7FC Op32 +0 dB Fade: 1%
>
> 01:18 136 DK7FC Op32 +0 dB Fade: 8%
>
> 00:43 136 DK7FC Op32 -7 dB Fade: 4%
>
> 00:08 136 DK7FC Op32 -3 dB Fade: 3%
>
> ********** 09/12/2013 **********
>
> 23:33 136 DK7FC Op32 -2 dB Fade: 1%
>
> 22:58 136 DK7FC Op32 -3 dB Fade: 1%
>
> 22:23 136 DK7FC Op32 -3 dB Fade: 1%
>
> 21:48 136 DK7FC Op32 -4 dB Fade: 2%
>
> 21:13 136 DK7FC Op32 -3 dB Fade: 1%
>
> 20:38 136 DK7FC Op32 -4 dB Fade: 10%
>
> 20:03 136 DK7FC Op32 -3 dB Fade: 1%
>
>
>
> 05:58 136 DK7FC de DF2JP Op32 -1 dB

>
> 05:55 136 UW8SM de DF2JP Op32 -35 dB
>
> 05:23 136 DK7FC de DF2JP Op32 -2 dB
>
> 05:18 136 UW8SM de DF2JP Op32 -37 dB
>
> 04:48 136 DK7FC de DF2JP Op32 -3 dB
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> 04:13 136 DK7FC de DF2JP Op32 -3 dB
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> 03:38 136 DK7FC de DF2JP Op32 -2 dB
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> 03:03 136 DK7FC de DF2JP Op32 -3 dB
>
> 02:28 136 DK7FC de DF2JP Op32 -2 dB
>
> 01:53 136 DK7FC de DF2JP Op32 -1 dB
>
> 01:18 136 DK7FC de DF2JP Op32 -1 dB
>
> 00:43 136 DK7FC de DF2JP Op32 -7 dB
>
> 00:08 136 DK7FC de DF2JP Op32 -5 dB
>
> ***** 09/12/2013 *****
>
> 23:33 136 DK7FC de DF2JP Op32 -2 dB
>
> 23:28 136 RN3AGC de DF2JP Op32 -39 dB
>
> 22:58 136 DK7FC de DF2JP Op32 -4 dB
>
> 22:23 136 DK7FC de DF2JP Op32 -4 dB i
>
> 21:48 136 DK7FC de DF2JP Op32 -4 dB
>
> 21:13 136 DK7FC de DF2JP Op32 -3 dB
>
> 20:38 136 DK7FC de DF2JP Op32 -3 dB
>
> 20:03 136 DK7FC de DF2JP Op32 -12 dB
>
>
> The spike at 20:03 with -12dB was with preamp = on .After switching it
> off they where not much difference between the both RX.
> I put some OPERA screenshots in my photo folder where our biggest
> problem is vissible, DCF39 (in the right corner) which interferes the
> whole band with a very strong signal. X1M Pro can handle it even
> without the AGC board.

>
> 73 Joe
> DF2JP
> XM1 Pro, FW: V1.021 USA
>

2798. RE: [X1M_QRP-Transceiver] CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 01:03:31 UTC
From: Fred VE3FAL
Topic: 2788 Message: 2798

600-700

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: December 10, 2013 5:53 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] CW Filter

☐

As I continue work on the CW filter- what is the preferred CW Offset that you guys like?

I personally use 500Hz, but that may be a bit low for some of you. A show of hands please- majority wins. As of this writing, this is still a democracy.

Dale W4OP

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2799. Re: [X1M_QRP-Transceiver] Re: serial number question and some issues addressed

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 02:01:03 UTC
From: mikejmardis@...
Topic: 2779 Message: 2799

I'll send pics tomorrow.
But, I can't find my vers #. It's not in the F5 menu

Sent from my iPhone

> On Dec 10, 2013, at 16:50, "Paul W. Ross" <deadgoose@...> wrote:
>
> I just got my new PRO - NO serial number.
>
> Firmware (F5) says:
>
> V101b - USA
> Oct 14, 2013
> 18:54:37
>
> Moving right along...
>
> Anybody help me -- need new screen shots for manual update? Also new
> front panel photo, as they ditched the old ghastly red knob.
>
> Also -- excess old style RS-232 adapter -- free to a new home for price
> of postage. QRZ e-mail is correct.
>
> 73 /paul W3FIS
>

2800. Re: [X1M_QRP-Transceiver] Re: serial number question and some issues addressed

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 02:04:16 UTC
From: Charlie , W5COV
Topic: 2779 Message: 2800

You have to push and hold the F5 button for a few seconds for it to display.

Charlie

On 12/10/2013 8:01 PM, mikejmardis@... wrote:
> I'll send pics tomorrow.
> But, I can't find my vers #. It's not in the F5 menu
>
> Sent from my iPhone
>
> On Dec 10, 2013, at 16:50, "Paul W. Ross" <deadgoose@...
> <mailto:deadgoose@...>> wrote:
>
>> I just got my new PRO - NO serial number.
>>
>> Firmware (F5) says:
>>
>> V101b - USA
>> Oct 14, 2013
>> 18:54:37
>>
>> Moving right along...
>>
>> Anybody help me -- need new screen shots for manual update? Also new
>> front panel photo, as they ditched the old ghastly red knob.
>>
>> Also -- excess old style RS-232 adapter -- free to a new home for price
>> of postage. QRZ e-mail is correct.
>>
>> 73 /paul W3FIS
>>
>

2801. New Final Transistor Wattage Results

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 04:58:39 UTC
From: <disklog@...>
Topic: 2801 Message: 2801

Hello All,
This evening I replaced the final transistor in my X1mPro with the higher gain RD16HHf1 Mosfet.
One needs to judge for themselves if the change out is worth the effort. The job was not difficult, and could be done by anyone with reasonable soldering and desoldering skills. A proper soldering/desoldering station is needed to avoid damaging the board.

Frequency Stock output New output
3.8mhz 6.1watts 9.0watts
7.2mhz 5.0watts 8.1watts
14.2mhz 5.9watts 7.9watts
21.3mhz 4.9watts 5.8watts
28.5mhz 4.0watts 5.8watts

All readings taken at 13.77volts.
These readings were taken with a Bird watt meter and the usual Bird tolerance applies.
It should be noted that the internal low pass filters seem to have ripple and the output can be a bit greater or less with only a slight frequency change.
I chose to test near the center of the voice band.
All tests done in CW mode to make reading easier. A peak reading meter on SSB might show greater peaks. I also tested with a "cheap" peak reading meter and greater peaks were seen but I don't trust that meter.
There you have it. I welcome any comments or suggestions.
Ken N2LZV

2802. Re: [X1M_QRP-Transceiver] New Final Transistor Wattage Results

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 05:13:24 UTC
From: Charlie , W5COV
Topic: 2801 Message: 2802

Hi Ken,

Thanks for doing the change and doing the reports on the numbers. It appears to be a newer transistor and I have a couple on hand, after you first mentioned it. It looks like a good transistor to use as a replacement.

Next time I am down to that board, I might give it a try.

Hope you will keep us informed on how it works out for you.

It is always good to have people that look for improvements or mods and changes and are willing to try them and share their results with the group.

Charlie, W5COV

On 12/10/2013 10:58 PM, disklog@... wrote:
>
> Hello All,
> This evening I replaced the final transistor in my X1mPro with the
> higher gain RD16HHf1 Mosfet.
> One needs to judge for themselves if the change out is worth the
> effort. The job was not difficult, and could be done by anyone with
> reasonable soldering and desoldering skills. A proper
> soldering/desoldering station is needed to avoid damaging the board.
>
> Frequency Stock output New output
> 3.8mhz 6.1watts 9.0watts
> 7.2mhz 5.0watts 8.1watts
> 14.2mhz 5.9watts 7.9watts
> 21.3mhz 4.9watts 5.8watts
> 28.5mhz 4.0watts 5.8watts
>
> All readings taken at 13.77volts.
> These readings were taken with a Bird watt meter and the usual Bird
> tolerance applies.
> It should be noted that the internal low pass filters seem to have
> ripple and the output can be a bit greater or less with only a slight
> frequency change.
> I chose to test near the center of the voice band.
> All tests done in CW mode to make reading easier. A peak reading meter
> on SSB might show greater peaks. I also tested with a "cheap" peak
> reading meter and greater peaks were seen but I don't trust that meter.
> There you have it. I welcome any comments or suggestions.
> Ken N2LZV
>
>

2803. Additional LPF auto switching questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 06:38:59 UTC
From: Stephen Farthing
Topic: 2803 Message: 2803

Charlie and the group,

I hope to get my XM1 soon as my pal who has it in the USA is well enough to ship it to me.
I want to design an external LPF which will be automatically switched in when the band is selected. But i do not know if there is a way to get the band info from the radio. Is there?

Thanks and greetings from a cold Budapest.

Steve G0XAR

2804. Re: [X1M_QRP-Transceiver] Additional LPF auto switching questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 09:30:08 UTC
From: Charlie , W5COV
Topic: 2803 Message: 2804

Hi Steve,

Is that where you are going to be living now ? It has been zero F or below every night here for at least a week, with not much better forecast in the near future and I have a little 1750 meter outside antenna work that I need to finish up.

At present I know of no way to do that unfortunately. We have pretty much used up all of the software memory room and also have used all of the function buttons and switches , both hardware and software, with multi use already. We have pretty much maxed out the radio, without reallocating something. However the changes have all been for the better, to make it a MUCH better radio than was their original unit and have added features that were not planned on being available on the original radio.

We still find an occasional bit of space to add some other internal changes, but even that is getting very limited now.

Pretty much everything is going to have to be external, which really has been my idea all along for adding additional filters , since if I add all of the WARC bands and the Experimental bands above 100 kHz. through 30 MHz., I need I believe it is going to take 10 additional filters.

The extra bands and filters have just become a priority on my "X1M spare time projects" list, just this week, so I have only done a bit of preliminary study on being able to rig a way to switch the external filters from the radio.

This is where we can really use your talents in Arduino , Pickaxe, Raspberry, Full Atmel , or some other way to see if we can accomplish it , to see if we can find a way that is not a purely manual operation. Maybe even a bit of good old analog devices tossed in for good measure :)

The logic lines are easy enough for the most part to access in the X1M, however it is going to require some creative thinking to accomplish switching the external filters with the internal logic functions. I am not saying that it can't be done, but it is not going to be simple. I haven't COMPLETELY given up just YET , but am certainly nearing the end of ideas on how to accomplish it.

I have a couple of projects this week for group members that will be getting bench time this week, but after that I am clearing the bench to work on this project, while Dale works on the CW crystal filter kit to install internally.

Just this evening I have been sourcing relays and any other parts that I think that I might need to start working on one possibly 2 prototypes of an external filter box and since I haven't even sketched any of this on my pad yet, but have a couple of ideas floating around in my head, I am most certainly OPEN TO ANY AND ALL IDEAS AND SUGGESTIONS FROM ANY GROUP MEMBER !! EVERYTHING no matter how far out there as it might seem to some WILL get a good hard look at and PUT ON THE TABLE !!

KEEP WARM MY FRIEND !!

Going to crawl in the nice warmed up bed , and give this some more thought and hopefully something will come to me. It is my ONLY PRIORITY PROJECT , once I do the things scheduled on the bench this week.

Best Regards ,
Charlie , W5COV

On 12/11/2013 12:38 AM, Stephen Farthing wrote:
>
> Charlie and the group,
>
>
> I hope to get my XM1 soon as my pal who has it in the USA is well
> enough to ship it to me.
> I want to design an external LPF which will be automatically switched
> in when the band is selected. But i do not know if there is a way to
> get the band info from the radio. Is there?
>
> Thanks and greetings from a cold Budapest.
>
> Steve G0XAR
>

2805. Re: [X1M_QRP-Transceiver] Additional LPF auto switching questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 10:26:58 UTC
From: Ian Coots
Topic: 2803 Message: 2805

Hello Charlie,

has the idea discussed some time ago of an "S" meter been shelved, or is this something still in the melting pot of ideas being considered>

73 de Ian VK3YIC

> Hi Steve,
>
> Is that where you are going to be living now ? It has been zero F or
> below every night here for at least a week, with not much better
> forecast in the near future and I have a little 1750 meter outside
> antenna work that I need to finish up.
>
> At present I know of no way to do that unfortunately. We have pretty
> much used up all of the software memory room and also have used all of
> the function buttons and switches , both hardware and software, with
> multi use already. We have pretty much maxed out the radio, without
> reallocating something. However the changes have all been for the
> better, to make it a MUCH better radio than was their original unit and
> have added features that were not planned on being available on the
> original radio.
>
> We still find an occasional bit of space to add some other internal
> changes, but even that is getting very limited now.
>
> Pretty much everything is going to have to be external, which really has
> been my idea all along for adding additional filters , since if I add
> all of the WARC bands and the Experimental bands above 100 kHz. through
> 30 MHz., I need I believe it is going to take 10 additional filters.
>
> The extra bands and filters have just become a priority on my "X1M spare
> time projects" list, just this week, so I have only done a bit of
> preliminary study on being able to rig a way to switch the external
> filters from the radio.
>
> This is where we can really use your talents in Arduino , Pickaxe,
> Raspberry, Full Atmel , or some other way to see if we can accomplish it
> , to see if we can find a way that is not a purely manual operation.
> Maybe even a bit of good old analog devices tossed in for good measure :)
>
> The logic lines are easy enough for the most part to access in the X1M,
> however it is going to require some creative thinking to accomplish
> switching the external filters with the internal logic functions. I am
> not saying that it can't be done, but it is not going to be simple. I
> haven't COMPLETELY given up just YET , but am certainly nearing the end

> of ideas on how to accomplish it.
>
> I have a couple of projects this week for group members that will be
> getting bench time this week, but after that I am clearing the bench to
> work on this project, while Dale works on the CW crystal filter kit to
> install internally.
>
> Just this evening I have been sourcing relays and any other parts that I
> think that I might need to start working on one possibly 2 prototypes of
> an external filter box and since I haven't even sketched any of this on
> my pad yet, but have a couple of ideas floating around in my head, I am
> most certainly OPEN TO ANY AND ALL IDEAS AND SUGGESTIONS FROM ANY GROUP
> MEMBER !! EVERYTHING no matter how far out there as it might seem to
> some WILL get a good hard look at and PUT ON THE TABLE !!
>
> KEEP WARM MY FRIEND !!
>
> Going to crawl in the nice warmed up bed , and give this some more
> thought and hopefully something will come to me. It is my ONLY PRIORITY
> PROJECT , once I do the things scheduled on the bench this week.
>
> Best Regards ,
> Charlie , W5COV
>
>
> On 12/11/2013 12:38 AM, Stephen Farthing wrote:
>>
>> Charlie and the group,
>>
>>
>> I hope to get my XM1 soon as my pal who has it in the USA is well
>> enough to ship it to me.
>> I want to design an external LPF which will be automatically switched
>> in when the band is selected. But i do not know if there is a way to
>> get the band info from the radio. Is there?
>>
>> Thanks and greetings from a cold Budapest.
>>
>> Steve G0XAR
>>
>
>

2806. Re: Additional LPF auto switching questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 13:40:23 UTC
From: Neil Goldstein
Topic: 2803 Message: 2806

The idea of using Arduino is definitely possible. We already have the ability to read current frequency for each VFO. We would need to pass that reading into a simple if/then. It would just be a statement like "if freq < Xa and >Ya then filter_a = true" where Xa is an upper band limit and Xb is a lower band limit and filter_a is a relay trigger. Is it possible to have a command pass-thru though so that we could still have rig control with the external filter attached? My coding skills are still 1983 unfortunately, but I can limp through it using examples from existing code snippets. I was able to successfully make a fox-hunt box out of an Arduino Leonardo and a Baofeng uv3r this way.

I also had a chance to experiment with the extra DB9 pins that seem to be tied to the internal filters. I had thought they might be for triggering the internal filters manually, but I think they are there for triggering external filters in a PA. Yet another device that would need some sort of pass-thru. I'm hoping that this is how the 20 watt amp they were talking about would work.

I'm looking at the HardRock 50 project as a nice amp to use with the X1M at home. Has anyone else looked at this one?
http://www.hobbypcb.com/amateur-radio/hardrock-50-hf-power-amp-group-buy-detail

Neil. W2NDG
Original X1M (euro antenna connector and all)
Face upgrade on order

Sent from my iPad

2807. Re: External HF amp

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 13:43:46 UTC
From: ken fest
Topic: 2803 Message: 2807

On Wed, 12/11/13, Neil Goldstein <neilgoldstein@...> wrote:

Subject: [X1M_QRP-Transceiver] Re: Additional LPF auto switching questions
To: "X1M_QRP-Transceiver@yahoogroups.com" <X1M_QRP-Transceiver@yahoogroups.com>
Date: Wednesday, December 11, 2013, 8:40 AM

The idea of using Arduino is definitely possible. We
already have the ability to read current frequency for each
VFO. We would need to pass that reading into a simple
if/then. It would just be a statement like "if freq
< Xa and >Ya then filter_a = true" where Xa is an
upper band limit and Xb is a lower band limit and filter_a
is a relay trigger. Is it possible to have a command
pass-thru though so that we could still have rig control
with the external filter attached? My coding skills
are still 1983 unfortunately, but I can limp through it
using examples from existing code snippets. I was able to
successfully make a fox-hunt box out of an Arduino Leonardo
and a Baofeng uv3r this way.
I also had a chance to experiment with the extra
DB9 pins that seem to be tied to the internal filters.
 I had thought they might be for triggering the
internal filters manually, but I think they are there for
triggering external filters in a PA. Yet another
device that would need some sort of pass-thru. I'm
hoping that this is how the 20 watt amp they were talking
about would work.
I'm looking at the HardRock 50 project as a
nice amp to use with the X1M at home. Has anyone else
looked at this one?
 http://www.hobbypcb.com/amateur-radio/hardrock-50-hf-power-amp-group-buy-detail

Neil. W2NDGOriginal X1M (euro antenna
connector and all)Face upgrade on order

Sent from my iPad

2808. Re: [X1M_QRP-Transceiver] Comparison LF-RX X1M Pro <--> TS-590S

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 13:46:11 UTC
From: mikejmardis@...
Topic: 2794 Message: 2808

Charlie, can you give me the quick and dirty on the exp bands?

Sent from my iPhone

> On Dec 10, 2013, at 19:29, "Charlie , W5COV" <cvest@...> wrote:
>
> Hi Joe,
>
> THANK YOU, for posting the numbers !!! I haven't had a lot of free time to experiment on 2200 meters. I do have the 1750 meter station up and running, but we have been down to zero or below at night for several days now and I need to do a little more antenna work , to improve my signal. I have listened quite a bit on 600/630 meters with it .
>
> Really nice heads up comparison !! I hope you will continue to post your information and experience, because my "radio home", plus design and building projects are all 2 MHz. and below.
>
> I have wished and asked for one very small firmware change for the X1M, but there seems to be just a couple of us that want it and have a REAL use for it , and that is to drop the lower frequency limit to at least 50 kHz. I have done the change on my own controller on a homebuilt rig, that uses basically the same scheme as the X1M and it takes less than 5 minutes to accomplish and no cost involved for hardware.
>
> Some others "MIGHT" even want a little lower bottom end for several of the USA stations they use as a SID monitor reference. It would also add WWVB here in the USA. Some run in the 18 to 20 kHz. range.
>
> My 4,000 meter station sits by quietly in the corner. My nice Tektronix high power amp awaits my attention. Since it weighs in at 140 pounds it is difficult for me to move around and to get in from the work bench to the test bench and back and forth. The X1M and related projects still have plenty of hours of work in front of me. I do enjoy working on the X1M, it is a true "labor of love" to me to see what the original radio was and the excellent radio that it is today, so it is time well spent.
>
> Maybe one day we will attract even more people with a lot of interest in the frequencies in the experimental bands and we will one day see the X1M software changed to allow us to use it below 100 kHz.
>
> Nice impressive numbers for the X1M . Keep up the good work Joe, I'll be looking forward to seeing more on what you are doing with the X1M on 2200 meters.
>
> 73, Charlie, W5COV
>
>
>

>> On 12/10/2013 5:36 PM, df2jp@... wrote:
>>
>> Hi folks,
>>
>> I´ve made a comparison of this both TRX last night in OPERA32 on 137kHz.
>> X1M was connected to my resonant Inverted-L Antenna, the TS-590S to a Wellbrook RX Loop.
>> Thats the result:
>> Kenwood TS-590 with Wellbrook Loop Antenna X1M with Inverted L-Antenna
>>
>>
>>
>> 05:58 136 DK7FC Op32 +0 dB Fade: 1%
>>
>> 05:55 136 UW8SM Op32 -36 dB Fade: 8%
>>
>> 05:23 136 DK7FC Op32 -2 dB Fade: 1%
>>
>> 05:18 136 UW8SM Op32 -38 dB Fade: 19%
>>
>> 04:48 136 DK7FC Op32 -3 dB Fade: 1%
>>
>> 04:13 136 DK7FC Op32 -1 dB Fade: 1%
>>
>> 03:38 136 DK7FC Op32 -1 dB Fade: 1%
>>
>> 03:03 136 DK7FC Op32 -4 dB Fade: 24%
>>
>> 02:28 136 DK7FC Op32 -2 dB Fade: 5%
>>
>> 01:53 136 DK7FC Op32 +0 dB Fade: 1%
>>
>> 01:18 136 DK7FC Op32 +0 dB Fade: 8%
>>
>> 00:43 136 DK7FC Op32 -7 dB Fade: 4%
>>
>> 00:08 136 DK7FC Op32 -3 dB Fade: 3%
>>
>> ********** 09/12/2013 **********
>>
>> 23:33 136 DK7FC Op32 -2 dB Fade: 1%
>>
>> 22:58 136 DK7FC Op32 -3 dB Fade: 1%
>>
>> 22:23 136 DK7FC Op32 -3 dB Fade: 1%
>>
>> 21:48 136 DK7FC Op32 -4 dB Fade: 2%
>>
>> 21:13 136 DK7FC Op32 -3 dB Fade: 1%
>>
>> 20:38 136 DK7FC Op32 -4 dB Fade: 10%

>>
>> 20:03 136 DK7FC Op32 -3 dB Fade: 1%
>>
>>
>>
>> 05:58 136 DK7FC de DF2JP Op32 -1 dB
>>
>> 05:55 136 UW8SM de DF2JP Op32 -35 dB
>>
>> 05:23 136 DK7FC de DF2JP Op32 -2 dB
>>
>> 05:18 136 UW8SM de DF2JP Op32 -37 dB
>>
>> 04:48 136 DK7FC de DF2JP Op32 -3 dB
>>
>> 04:13 136 DK7FC de DF2JP Op32 -3 dB
>>
>> 03:38 136 DK7FC de DF2JP Op32 -2 dB
>>
>> 03:03 136 DK7FC de DF2JP Op32 -3 dB
>>
>> 02:28 136 DK7FC de DF2JP Op32 -2 dB
>>
>> 01:53 136 DK7FC de DF2JP Op32 -1 dB
>>
>> 01:18 136 DK7FC de DF2JP Op32 -1 dB
>>
>> 00:43 136 DK7FC de DF2JP Op32 -7 dB
>>
>> 00:08 136 DK7FC de DF2JP Op32 -5 dB
>>
>> ***** 09/12/2013 *****
>>
>> 23:33 136 DK7FC de DF2JP Op32 -2 dB
>>
>> 23:28 136 RN3AGC de DF2JP Op32 -39 dB
>>
>> 22:58 136 DK7FC de DF2JP Op32 -4 dB
>>
>> 22:23 136 DK7FC de DF2JP Op32 -4 dB i
>>
>> 21:48 136 DK7FC de DF2JP Op32 -4 dB
>>
>> 21:13 136 DK7FC de DF2JP Op32 -3 dB
>>
>> 20:38 136 DK7FC de DF2JP Op32 -3 dB
>>
>> 20:03 136 DK7FC de DF2JP Op32 -12 dB
>>
>>

>>
>>
>> The spike at 20:03 with -12dB was with preamp = on .After switching it off they where not much difference between the both RX.
>> I put some OPERA screenshots in my photo folder where our biggest problem is vissible, DCF39 (in the right corner) which interferes the whole band with a very strong signal. X1M Pro can handle it even without the AGC board.
>>
>> 73 Joe
>> DF2JP
>> XM1 Pro, FW: V1.021 USA
>
>

2809. Re: [X1M_QRP-Transceiver] Re: serial number question and some issues addressed

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 13:50:22 UTC
From: mikejmardis@...
Topic: 2779 Message: 2809

I have. I hold F5 and get the menu system but none of them list vers.
Mike
N1SPZ

Sent from my iPhone

> On Dec 10, 2013, at 21:04, "Charlie , W5COV" <cvest@...> wrote:
>
> You have to push and hold the F5 button for a few seconds for it to display.
>
> Charlie
>
>> On 12/10/2013 8:01 PM, mikejmardis@... wrote:
>>
>> I'll send pics tomorrow.
>> But, I can't find my vers #. It's not in the F5 menu
>>
>> Sent from my iPhone
>>
>> On Dec 10, 2013, at 16:50, "Paul W. Ross" <deadgoose@...> wrote:
>>
>>>
>>> I just got my new PRO - NO serial number.
>>>
>>> Firmware (F5) says:
>>>
>>> V101b - USA
>>> Oct 14, 2013
>>> 18:54:37
>>>
>>> Moving right along...
>>>
>>> Anybody help me -- need new screen shots for manual update? Also new
>>> front panel photo, as they ditched the old ghastly red knob.
>>>
>>> Also -- excess old style RS-232 adapter -- free to a new home for price
>>> of postage. QRZ e-mail is correct.
>>>
>>> 73 /paul W3FIS
>
>

2810. Re: External HF Amp

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 13:51:16 UTC
From: ken fest
Topic: 2803 Message: 2810

I have built two HF amps based on the 2009 QST homebrew challenge winner. It uses two 98 cent switching transistors. With less than 2 watt drive it outputs 60 watts on 20 meters. The output varies on the other bands with the least output on 10 meters.
This amp is an easy inexpensive build and works well as a QRP amplifier. I also adapted an Ebay Kenwood switchable low pass filter board on the output of the amp.
I can't recommend this amp strong enough for our purposes. Less than $30 dollars and you have a nice amp.
Ken N2LZV

On Wed, 12/11/13, Neil Goldstein <neilgoldstein@...> wrote:

Subject: [X1M_QRP-Transceiver] Re: Additional LPF auto switching questions
To: "X1M_QRP-Transceiver@yahoogroups.com" <X1M_QRP-Transceiver@yahoogroups.com>
Date: Wednesday, December 11, 2013, 8:40 AM

The idea of using Arduino is definitely possible. We
already have the ability to read current frequency for each
VFO. We would need to pass that reading into a simple
if/then. It would just be a statement like "if freq
< Xa and >Ya then filter_a = true" where Xa is an
upper band limit and Xb is a lower band limit and filter_a
is a relay trigger. Is it possible to have a command
pass-thru though so that we could still have rig control
with the external filter attached? My coding skills
are still 1983 unfortunately, but I can limp through it
using examples from existing code snippets. I was able to
successfully make a fox-hunt box out of an Arduino Leonardo
and a Baofeng uv3r this way.
I also had a chance to experiment with the extra
DB9 pins that seem to be tied to the internal filters.
 I had thought they might be for triggering the
internal filters manually, but I think they are there for
triggering external filters in a PA. Yet another
device that would need some sort of pass-thru. I'm
hoping that this is how the 20 watt amp they were talking
about would work.
I'm looking at the HardRock 50 project as a
nice amp to use with the X1M at home. Has anyone else
looked at this one?
 http://www.hobbypcb.com/amateur-radio/hardrock-50-hf-power-amp-group-buy-detail

Neil. W2NDGOriginal X1M (euro antenna
connector and all)Face upgrade on order

Sent from my iPad

2811. Re: Additional LPF auto switching questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 13:55:28 UTC
From: Tim W4YN
Topic: 2803 Message: 2811

HFprojects for 1 and MFJ have auto band switching using RF detection in their projects. You could look at their setup and do similar with a pic or similar micro controller. Tim W4YN

--- In X1M_QRP-Transceiver@yahoogroups.com, Stephen Farthing <squirrox@...> wrote:
>
> Charlie and the group,
>
> I hope to get my XM1 soon as my pal who has it in the USA is well enough to
> ship it to me.
> I want to design an external LPF which will be automatically switched in
> when the band is selected. But i do not know if there is a way to get the
> band info from the radio. Is there?
>
> Thanks and greetings from a cold Budapest.
>
> Steve G0XAR
>

2812. Re: [X1M_QRP-Transceiver] Re: serial number question and some issues addressed

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 14:16:54 UTC
From: Dale Parfitt
Topic: 2779 Message: 2812

Are you sure you are not holding link/sys- that is the button that brings up menues. F5 held down brings up the version #.

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 11, 2013 8:50 AM
Subject: Re: [X1M_QRP-Transceiver] Re: serial number question and some issues addressed

I have. I hold F5 and get the menu system but none of them list vers.
Mike
N1SPZ

Sent from my iPhone

On Dec 10, 2013, at 21:04, "Charlie , W5COV" <cvest@...> wrote:

You have to push and hold the F5 button for a few seconds for it to display.

Charlie

On 12/10/2013 8:01 PM, mikejmardis@... wrote:

I'll send pics tomorrow.
But, I can't find my vers #. It's not in the F5 menu

Sent from my iPhone

On Dec 10, 2013, at 16:50, "Paul W. Ross" <deadgoose@...> wrote:

I just got my new PRO - NO serial number.

Firmware (F5) says:

V101b - USA
Oct 14, 2013
18:54:37

Moving right along...

Anybody help me -- need new screen shots for manual update? Also new
front panel photo, as they ditched the old ghastly red knob.

Also -- excess old style RS-232 adapter -- free to a new home for price
of postage. QRZ e-mail is correct.

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6908 - Release Date: 12/10/13

2813. Re: [X1M_QRP-Transceiver] Re: serial number question and some issues addressed

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 14:18:04 UTC
From: mikejmardis@...
Topic: 2779 Message: 2813

I can't honestly say. I'm at work now and will check when I get home.
Mike
N1SPZ

Sent from my iPhone

> On Dec 11, 2013, at 9:16, "Dale Parfitt" <parinc1@...> wrote:
>
> □
>
> Are you sure you are not holding link/sys- that is the button that brings up menues. F5 held down brings up the version #.
>
> Dale W4OP
> ----- Original Message -----
> From: mikejmardis@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Wednesday, December 11, 2013 8:50 AM
> Subject: Re: [X1M_QRP-Transceiver] Re: serial number question and some issues addressed
>
>
> I have. I hold F5 and get the menu system but none of them list vers.
> Mike
> N1SPZ
>
> Sent from my iPhone
>
>> On Dec 10, 2013, at 21:04, "Charlie , W5COV" <cvest@...> wrote:
>>
>>
>> You have to push and hold the F5 button for a few seconds for it to display.
>>
>> Charlie
>>
>>
>>> On 12/10/2013 8:01 PM, mikejmardis@... wrote:
>>>
>>> I'll send pics tomorrow.
>>> But, I can't find my vers #. It's not in the F5 menu
>>>
>>> Sent from my iPhone
>>>
>>>> On Dec 10, 2013, at 16:50, "Paul W. Ross" <deadgoose@comcast.net> wrote:

>>>>
>>>>
>>>> I just got my new PRO - NO serial number.
>>>>
>>>> Firmware (F5) says:
>>>>
>>>> V101b - USA
>>>> Oct 14, 2013
>>>> 18:54:37
>>>>
>>>> Moving right along...
>>>>
>>>> Anybody help me -- need new screen shots for manual update? Also new
>>>> front panel photo, as they ditched the old ghastly red knob.
>>>>
>>>> Also -- excess old style RS-232 adapter -- free to a new home for price
>>>> of postage. QRZ e-mail is correct.
>>>>
>>>> 73 /paul W3FIS
>>>>
>>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus Database: 3658/6908 - Release Date: 12/10/13
>
>

2814. Re: [X1M_QRP-Transceiver] Additional LPF auto switching questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 14:26:59 UTC
From: Stephen Farthing
Topic: 2803 Message: 2814

Hi Charlie,

All being well i wil be living here pretty much permamently in the latter half of next year.
Which begs the question are there any Hungarians on the list. If so please drop me a line off list. I need to find some QRP buddies here.

Thanks for the answer re the LPFs. Can someone verify that, when using computer control, the XM1 passes the operating frequency across the serial interface to Ham
Radio Delux. My simple idea is to build an additional filter board, external to the radio which will read the operating frequency and switch in whatever filter is required. Programming this is not rocket science. So if the microcontfroller can read from the serial port and switch in the desired filter thats pretty much it. I would choose to use the standard GQRP filterdesigns, which I believe Hans Summers uses (or did when we were kitting stuff) .

When my radio arrives i want to pop over to see my friend Jan Verduyn, G0BBL who has the skills and test equipment to properly measure the performance of this radio. Once I know that I will publish the resultshere. I also want to see what data is passed across the serial interface.

It did also occur to me that we could cheat a little and put the additional filters in a box with an ATU and bridge with the band being selected manually.

Sorry about the rubbish typing, i tripped this morning aand my left hand took most of the impact. I dont thing i broke any bones but it sure hurts....

73 Steve

2815. Photos

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 14:37:26 UTC
From: <deadgoose@...>
Topic: 9 Message: 2815

Ken Fest has kindly provided the photos for us. I will get working on the revisions today, and would hope to have them posted by the end of the week.

Also, a round of applause for those who worked on getting the firmware changes made!

73 and Merry Christmas!

/paul W3FIS

2816. RE: New Final Transistor Wattage Results

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 15:55:18 UTC
From: <lphebus@...>
Topic: 2801 Message: 2816

Thanks Ken! Your transistor upgrade idea worked out well. This is great info for the group and solid data to back it up. Please let us know how the mod works out in the longer term.

2817. RE: [X1M_QRP-Transceiver] Re: External HF Amp

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 15:57:11 UTC
From: Lee
Topic: 2803 Message: 2817

How would a person get a copy of the article. Is it available somewhere on the web?

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ken fest
Sent: Wednesday, December 11, 2013 7:51 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: External HF Amp

I have built two HF amps based on the 2009 QST homebrew challenge winner. It uses two 98 cent switching transistors. With less than 2 watt drive it outputs 60 watts on 20 meters. The output varies on the other bands with the least output on 10 meters.
This amp is an easy inexpensive build and works well as a QRP amplifier. I also adapted an Ebay Kenwood switchable low pass filter board on the output of the amp.
I can't recommend this amp strong enough for our purposes. Less than $30 dollars and you have a nice amp.
Ken N2LZV

On Wed, 12/11/13, Neil Goldstein <neilgoldstein@...> wrote:

Subject: [X1M_QRP-Transceiver] Re: Additional LPF auto switching questions
To: "X1M_QRP-Transceiver@yahoogroups.com" <X1M_QRP-Transceiver@yahoogroups.com>
Date: Wednesday, December 11, 2013, 8:40 AM

The idea of using Arduino is definitely possible. We already have the ability to read current frequency for each VFO. We would need to pass that reading into a simple if/then. It would just be a statement like "if freq < Xa and >Ya then filter_a = true" where Xa is an upper band limit and Xb is a lower band limit and filter_a is a relay trigger. Is it possible to have a command pass-thru though so that we could still have rig control with the external filter attached? My coding skills are still 1983 unfortunately, but I can limp through it using examples from existing code snippets. I was able to successfully make a fox-hunt box out of an Arduino Leonardo and a Baofeng uv3r this way.
I also had a chance to experiment with the extra DB9 pins that seem to be tied to the internal filters. I had thought they might be for triggering the internal filters manually, but I think they are there for

triggering external filters in a PA. Yet another
device that would need some sort of pass-thru. I'm
hoping that this is how the 20 watt amp they were talking
about would work.
I'm looking at the HardRock 50 project as a
nice amp to use with the X1M at home. Has anyone else
looked at this one?
http://www.hobbypcb.com/amateur-radio/hardrock-50-hf-power-amp-group-buy-det
ail

Neil. W2NDGOriginal X1M (euro antenna
connector and all)Face upgrade on order

Sent from my iPad

2818. RE: [X1M_QRP-Transceiver] Re: External HF Amp

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 16:04:50 UTC
From: ken fest
Topic: 2803 Message: 2818

The full article is available from the QST website.
I believe it was listed as the homebrew challenge #2 winner.

On Wed, 12/11/13, Lee <mr.olson@...> wrote:

Subject: RE: [X1M_QRP-Transceiver] Re: External HF Amp
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Wednesday, December 11, 2013, 10:57 AM

How would a person get a copy of
the article. Is it available somewhere on the
web?Lee – N9LO From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of
ken fest
Sent: Wednesday, December 11, 2013 7:51 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: External HF
Amp
   I have built two HF amps based
on the 2009 QST homebrew challenge winner. It uses two 98
cent switching transistors. With less than 2 watt drive it
outputs 60 watts on 20 meters. The output varies on the
other bands with the least output on 10 meters.
This amp is an easy inexpensive build and works well as a
QRP amplifier. I also adapted an Ebay Kenwood switchable low
pass filter board on the output of the amp.
I can't recommend this amp strong enough for our
purposes. Less than $30 dollars and you have a nice amp.
Ken N2LZV

On Wed, 12/11/13, Neil Goldstein <neilgoldstein@...>
wrote:

Subject: [X1M_QRP-Transceiver] Re: Additional LPF auto
switching questions
To: "X1M_QRP-Transceiver@yahoogroups.com"
<X1M_QRP-Transceiver@yahoogroups.com>
Date: Wednesday, December 11, 2013, 8:40 AM

The idea of using Arduino is definitely possible. We
already have the ability to read current frequency for each
VFO. We would need to pass that reading into a simple
if/then. It would just be a statement like "if freq
< Xa and >Ya then filter_a = true" where Xa is
an
upper band limit and Xb is a lower band limit and filter_a

is a relay trigger. Is it possible to have a command
pass-thru though so that we could still have rig control
with the external filter attached? My coding skills
are still 1983 unfortunately, but I can limp through it
using examples from existing code snippets. I was able to
successfully make a fox-hunt box out of an Arduino Leonardo
and a Baofeng uv3r this way.
I also had a chance to experiment with the extra
DB9 pins that seem to be tied to the internal filters.
 I had thought they might be for triggering the
internal filters manually, but I think they are there for
triggering external filters in a PA. Yet another
device that would need some sort of pass-thru.
 I'm
hoping that this is how the 20 watt amp they were talking
about would work.
I'm looking at the HardRock 50 project as a
nice amp to use with the X1M at home. Has anyone else
looked at this one?
 http://www.hobbypcb.com/amateur-radio/hardrock-50-hf-power-amp-group-buy-detail

Neil. W2NDGOriginal X1M (euro antenna
connector and all)Face upgrade on order

Sent from my iPad

2819. Re: [X1M_QRP-Transceiver] Re: External HF Amp

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 17:01:40 UTC
From: Charlie , W5COV
Topic: 2803 Message: 2819

Are you an ARRL member Lee?

Charlie,W5COV

On 12/11/2013 9:57 AM, Lee wrote:
>
> How would a person get a copy of the article. Is it available
> somewhere on the web?
>
> Lee -- N9LO
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *ken fest
> *Sent:* Wednesday, December 11, 2013 7:51 AM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] Re: External HF Amp
>
> I have built two HF amps based on the 2009 QST homebrew challenge
> winner. It uses two 98 cent switching transistors. With less than 2
> watt drive it outputs 60 watts on 20 meters. The output varies on the
> other bands with the least output on 10 meters.
> This amp is an easy inexpensive build and works well as a QRP
> amplifier. I also adapted an Ebay Kenwood switchable low pass filter
> board on the output of the amp.
> I can't recommend this amp strong enough for our purposes. Less than
> $30 dollars and you have a nice amp.
> Ken N2LZV
> --
> On Wed, 12/11/13, Neil Goldstein <neilgoldstein@...
> <mailto:neilgoldstein@...>> wrote:
>
> Subject: [X1M_QRP-Transceiver] Re: Additional LPF auto switching questions
> To: "X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>"
> <X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>>
> Date: Wednesday, December 11, 2013, 8:40 AM
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> if/then. It would just be a statement like "if freq
> < Xa and >Ya then filter_a = true" where Xa is an
> upper band limit and Xb is a lower band limit and filter_a
> is a relay trigger. Is it possible to have a command
> pass-thru though so that we could still have rig control
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> successfully make a fox-hunt box out of an Arduino Leonardo
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> DB9 pins that seem to be tied to the internal filters.
> I had thought they might be for triggering the
> internal filters manually, but I think they are there for
> triggering external filters in a PA. Yet another
> device that would need some sort of pass-thru. I'm
> hoping that this is how the 20 watt amp they were talking
> about would work.
> I'm looking at the HardRock 50 project as a
> nice amp to use with the X1M at home. Has anyone else
> looked at this one?
> http://www.hobbypcb.com/amateur-radio/hardrock-50-hf-power-amp-group-buy-detail
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> Neil. W2NDGOriginal X1M (euro antenna
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> Sent from my iPad
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2820. Re: [X1M_QRP-Transceiver] Re: External HF Amp

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 17:25:51 UTC
From: Charlie , W5COV
Topic: 2803 Message: 2820

I remember reading the original article and when Ken mentioned it the other day I did go back to the QST archives and look it up to read the article again. (IF you are an ARRL member this is a great service for looking up material. Actually it is the only use I have for any of the ARRL services)

I posted this 20 watt one the other day and to put it mildly looks extremely conservative on the output , that I think is a good buy in kit form, if building from scratch isn't your thing. These two guys produce EXCELLENT kits and products , from all of the reviews that I have read and even to me, someone on an extremely limited budget, the price looks just great . http://www.qsl.net/k/k5bcq/Kits/Kits.html Go to kit #15 a little more than halfway down the page.

I have several e-mails to answer, so this is a general disclaimer, I HAVE NO FINANCIAL OR OTHER INTEREST IN ANY PRODUCTS OR SERVICES PRODUCED OR SOLD BY ANYONE.

*** THE ONE EXCEPTION FOR FULL DISCLOSURE IS I WILL BE KITTING THE AGC ADD ON KITS FOR THE X1M, DEVELOPED BY W4OP, STARTING ON MONDAY, BUT THIS IS A NOT FOR PROFIT ENDEAVOR, JUST TO KEEP THE KIT AVAILABLE FOR ALL OF THE NEW OWNERS***

If you are a scratch builder , the QST article is one that is still the basis of many home built amplifiers today. I have a breadboard built up based loosely on this amplifier that is my "test bed" for all of my amplifiers, especially for the experimental bands.

Charlie , W5COV

On 12/11/2013 7:51 AM, ken fest wrote:
>
> I have built two HF amps based on the 2009 QST homebrew challenge
> winner. It uses two 98 cent switching transistors. With less than 2
> watt drive it outputs 60 watts on 20 meters. The output varies on the
> other bands with the least output on 10 meters.
> This amp is an easy inexpensive build and works well as a QRP
> amplifier. I also adapted an Ebay Kenwood switchable low pass filter
> board on the output of the amp.
> I can't recommend this amp strong enough for our purposes. Less than
> $30 dollars and you have a nice amp.
> Ken N2LZV
> ----------
> On Wed, 12/11/13, Neil Goldstein <neilgoldstein@...> wrote:
>
> Subject: [X1M_QRP-Transceiver] Re: Additional LPF auto switching questions

> To: "X1M_QRP-Transceiver@yahoogroups.com"
> <X1M_QRP-Transceiver@yahoogroups.com>
> Date: Wednesday, December 11, 2013, 8:40 AM
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> VFO. We would need to pass that reading into a simple
> if/then. It would just be a statement like "if freq
> < Xa and >Ya then filter_a = true" where Xa is an
> upper band limit and Xb is a lower band limit and filter_a
> is a relay trigger. Is it possible to have a command
> pass-thru though so that we could still have rig control
> with the external filter attached? My coding skills
> are still 1983 unfortunately, but I can limp through it
> using examples from existing code snippets. I was able to
> successfully make a fox-hunt box out of an Arduino Leonardo
> and a Baofeng uv3r this way.
> I also had a chance to experiment with the extra
> DB9 pins that seem to be tied to the internal filters.
> I had thought they might be for triggering the
> internal filters manually, but I think they are there for
> triggering external filters in a PA. Yet another
> device that would need some sort of pass-thru. I'm
> hoping that this is how the 20 watt amp they were talking
> about would work.
> I'm looking at the HardRock 50 project as a
> nice amp to use with the X1M at home. Has anyone else
> looked at this one?

> http://www.hobbypcb.com/amateur-radio/hardrock-50-hf-power-amp-group-buy-detail
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> Neil. W2NDGOriginal X1M (euro antenna
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> Sent from my iPad
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2821. Re: [X1M_QRP-Transceiver] Additional LPF auto switching questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 17:59:20 UTC
From: Charlie , W5COV
Topic: 2803 Message: 2821

Hey Ian,

You must be back from your trip. Hope it was a great one, and I know that it was well deserved.

The "S" meter idea as far as I know , did not make it further than the discussion phase . Dale was going to see if it was possible to use one fourth of the AGC chip possibly for it, but it did not appear to be too easily accomplished , but when it really got dropped , was when Dale decided to use a different chip and there was then no electronics to start the chain.

It is always possible to do it, but more people need to be involved in actually designing , building, and testing, all of the proposed mods . Dale especially with his great RF and radio electronics knowledge, also has a full time company to run, so he actually loses money when he works on X1M projects . I too build projects and kits plus other items for people, plus my electronics knowledge is in the industrial field. I am a retired Instrument and Control Engineer , for power plants.

Plus I suffer from a brain injury so I have to ask some more questions to fill in some electronics theory "holes" that I may or may not have once known prior to my injury. So our engineering time is "free," to X1M users when we have the spare time and ability. Dale and I "adopted" the X1M, because we could see so much potential in it , but it just wasn't being brought out. So it is a true labor of love , ANYTHING that we do for the X1M and we make NO money off of any X1M radio, device , or accessory. We sell any kits just at parts and shipping cost. ALL of the engineering and our ordering boards and parts, plus shipping materials come out of our own pockets right up front.

Everyone has a special set of skills and can probably contribute in some manner or method, an accessory for the X1M. If you don't have a breadboard , I would recommend buying one. They are great fun and make it easy to experiment with. Many parts today are so cheap that one can let the good smoke along the way and usually not lose very much money. I let the smoke out of several IRF510's when I first started learning how to build MOSFET power amps.

Since we have a nice influx of new users , perhaps someone else will take up work on the "S" meter circuit.

Dale is currently working on a CW Crystal filter that will fit inside of the radio. I am just getting the parts ordered and am preparing to do some work on the external filter board , to try and give Dale some more time.

Just jump in and do a little building and make a few mistakes on a breadboard and when you are done share it with the group and we will all benefit from it. There is room for everyone !!!

Charlie , W5COV

On 12/11/2013 4:26 AM, Ian Coots wrote:
>
> Hello Charlie,
>
> has the idea discussed some time ago of an "S" meter been shelved, or is
> this something still in the melting pot of ideas being considered>
>
> 73 de Ian VK3YIC
>
> > Hi Steve,
> >
> > Is that where you are going to be living now ? It has been zero F or
> > below every night here for at least a week, with not much better
> > forecast in the near future and I have a little 1750 meter outside
> > antenna work that I need to finish up.
> >
> > At present I know of no way to do that unfortunately. We have pretty
> > much used up all of the software memory room and also have used all of
> > the function buttons and switches , both hardware and software, with
> > multi use already. We have pretty much maxed out the radio, without
> > reallocating something. However the changes have all been for the
> > better, to make it a MUCH better radio than was their original unit and
> > have added features that were not planned on being available on the
> > original radio.
> >
> > We still find an occasional bit of space to add some other internal
> > changes, but even that is getting very limited now.
> >
> > Pretty much everything is going to have to be external, which really has
> > been my idea all along for adding additional filters , since if I add
> > all of the WARC bands and the Experimental bands above 100 kHz. through
> > 30 MHz., I need I believe it is going to take 10 additional filters.
> >
> > The extra bands and filters have just become a priority on my "X1M spare
> > time projects" list, just this week, so I have only done a bit of
> > preliminary study on being able to rig a way to switch the external
> > filters from the radio.
> >
> > This is where we can really use your talents in Arduino , Pickaxe,
> > Raspberry, Full Atmel , or some other way to see if we can accomplish it
> > , to see if we can find a way that is not a purely manual operation.
> > Maybe even a bit of good old analog devices tossed in for good
> measure :)
> >
> > The logic lines are easy enough for the most part to access in the X1M,
> > however it is going to require some creative thinking to accomplish

> > switching the external filters with the internal logic functions. I am
> > not saying that it can't be done, but it is not going to be simple. I
> > haven't COMPLETELY given up just YET , but am certainly nearing the end
> > of ideas on how to accomplish it.
> >
> > I have a couple of projects this week for group members that will be
> > getting bench time this week, but after that I am clearing the bench to
> > work on this project, while Dale works on the CW crystal filter kit to
> > install internally.
> >
> > Just this evening I have been sourcing relays and any other parts that I
> > think that I might need to start working on one possibly 2 prototypes of
> > an external filter box and since I haven't even sketched any of this on
> > my pad yet, but have a couple of ideas floating around in my head, I am
> > most certainly OPEN TO ANY AND ALL IDEAS AND SUGGESTIONS FROM ANY GROUP
> > MEMBER !! EVERYTHING no matter how far out there as it might seem to
> > some WILL get a good hard look at and PUT ON THE TABLE !!
> >
> > KEEP WARM MY FRIEND !!
> >
> > Going to crawl in the nice warmed up bed , and give this some more
> > thought and hopefully something will come to me. It is my ONLY PRIORITY
> > PROJECT , once I do the things scheduled on the bench this week.
> >
> > Best Regards ,
> > Charlie , W5COV
> >
> >
> > On 12/11/2013 12:38 AM, Stephen Farthing wrote:
> >>
> >> Charlie and the group,
> >>
> >>
> >> I hope to get my XM1 soon as my pal who has it in the USA is well
> >> enough to ship it to me.
> >> I want to design an external LPF which will be automatically switched
> >> in when the band is selected. But i do not know if there is a way to
> >> get the band info from the radio. Is there?
> >>
> >> Thanks and greetings from a cold Budapest.
> >>
> >> Steve G0XAR
> >>
> >
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>

2822. RE: [X1M_QRP-Transceiver] Re: External HF Amp

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 18:10:14 UTC
From: Lee
Topic: 2803 Message: 2822

I have one here still in the bag. I have the box, heat sink, and filters for 20m & 40m but have not got around to building it. Too many projects and not enough soldering iron operators.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: Wednesday, December 11, 2013 11:26 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: External HF Amp

I remember reading the original article and when Ken mentioned it the other day I did go back to the QST archives and look it up to read the article again. (IF you are an ARRL member this is a great service for looking up material. Actually it is the only use I have for any of the ARRL services)

I posted this 20 watt one the other day and to put it mildly looks extremely conservative on the output , that I think is a good buy in kit form, if building from scratch isn't your thing. These two guys produce EXCELLENT kits and products , from all of the reviews that I have read and even to me, someone on an extremely limited budget, the price looks just great . http://www.qsl.net/k/k5bcq/Kits/Kits.html Go to kit #15 a little more than halfway down the page.

I have several e-mails to answer, so this is a general disclaimer, I HAVE NO FINANCIAL OR OTHER INTEREST IN ANY PRODUCTS OR SERVICES PRODUCED OR SOLD BY ANYONE.

*** THE ONE EXCEPTION FOR FULL DISCLOSURE IS I WILL BE KITTING THE AGC ADD ON KITS FOR THE X1M, DEVELOPED BY W4OP, STARTING ON MONDAY, BUT THIS IS A NOT FOR PROFIT ENDEAVOR, JUST TO KEEP THE KIT AVAILABLE FOR ALL OF THE NEW OWNERS***

If you are a scratch builder , the QST article is one that is still the basis of many home built amplifiers today. I have a breadboard built up based loosely on this amplifier that is my "test bed" for all of my amplifiers, especially for the experimental bands.

Charlie , W5COV

On 12/11/2013 7:51 AM, ken fest wrote:

I have built two HF amps based on the 2009 QST homebrew challenge winner. It uses two 98 cent switching transistors. With less than 2 watt drive it outputs 60 watts on 20 meters. The output varies on the other bands with the least output on 10 meters.

This amp is an easy inexpensive build and works well as a QRP amplifier. I also adapted an Ebay Kenwood switchable low pass filter board on the output of the amp.
I can't recommend this amp strong enough for our purposes. Less than $30 dollars and you have a nice amp.
Ken N2LZV

On Wed, 12/11/13, Neil Goldstein <mailto:neilgoldstein@...>
<neilgoldstein@...> wrote:

Subject: [X1M_QRP-Transceiver] Re: Additional LPF auto switching questions
To: <mailto:X1M_QRP-Transceiver@yahoogroups.com>
"X1M_QRP-Transceiver@yahoogroups.com"
<mailto:X1M_QRP-Transceiver@yahoogroups.com>
<X1M_QRP-Transceiver@yahoogroups.com>
Date: Wednesday, December 11, 2013, 8:40 AM

The idea of using Arduino is definitely possible. We already have the ability to read current frequency for each VFO. We would need to pass that reading into a simple if/then. It would just be a statement like "if freq < Xa and >Ya then filter_a = true" where Xa is an upper band limit and Xb is a lower band limit and filter_a is a relay trigger. Is it possible to have a command pass-thru though so that we could still have rig control with the external filter attached? My coding skills are still 1983 unfortunately, but I can limp through it using examples from existing code snippets. I was able to successfully make a fox-hunt box out of an Arduino Leonardo and a Baofeng uv3r this way.
I also had a chance to experiment with the extra DB9 pins that seem to be tied to the internal filters. I had thought they might be for triggering the internal filters manually, but I think they are there for triggering external filters in a PA. Yet another device that would need some sort of pass-thru. I'm hoping that this is how the 20 watt amp they were talking about would work.
I'm looking at the HardRock 50 project as a nice amp to use with the X1M at home. Has anyone else looked at this one?
http://www.hobbypcb.com/amateur-radio/hardrock-50-hf-power-amp-group-buy-detail

Neil. W2NDGOriginal X1M (euro antenna connector and all)Face upgrade on order

Sent from my iPad

2823. Re: [X1M_QRP-Transceiver] Re: External HF Amp

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 19:02:26 UTC
From: ken fest
Topic: 2803 Message: 2823

Charlie, Please put me down for another AGC board. The board I have is not working properly and I would rather just build another.
Let me know where to send and how much. Thanks,
Ken N2LZV

On Wed, 12/11/13, Charlie , W5COV <cvest@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] Re: External HF Amp
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Wednesday, December 11, 2013, 12:25 PM

I remember reading the original article and when Ken
mentioned it
the other day I did go back to the QST archives and look
it up to
read the article again. (IF you are an ARRL member this
is a great
service for looking up material. Actually it is the only
use I have
for any of the ARRL services)

I posted this 20 watt one the other day and to put it
mildly looks
extremely conservative on the output , that I think is a
good buy in
kit form, if building from scratch isn't your thing.
These two guys
produce EXCELLENT kits and products , from all of the
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that is still
the basis of many home built amplifiers today. I have a
breadboard
built up based loosely on this amplifier that is my
"test bed" for
all of my amplifiers, especially for the experimental
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Charlie , W5COV

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transistors. With less than 2 watt drive it
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watts on 20 meters. The output varies on the
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with the least output on 10 meters.

This amp is an easy inexpensive build and
works well as a
QRP amplifier. I also adapted an Ebay Kenwood
switchable
low pass filter board on the output of the
amp.

I can't recommend this amp strong enough
for our purposes.
Less than $30 dollars and you have a nice
amp.

Ken N2LZV

On Wed, 12/11/13, Neil Goldstein
<neilgoldstein@...>
wrote:

Subject: [X1M_QRP-Transceiver] Re: Additional
LPF auto
switching questions

To: "X1M_QRP-Transceiver@yahoogroups.com"
<X1M_QRP-Transceiver@yahoogroups.com>

Date: Wednesday, December 11, 2013, 8:40 AM

The idea of using Arduino is definitely
possible. We

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if/then. It would just be a statement like
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extra

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filters.

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internal filters manually, but I think they
are there for

triggering external filters in a PA. Yet
another

device that would need some sort of pass-thru.
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hoping that this is how the 20 watt amp they
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I'm looking at the HardRock 50 project as
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nice amp to use with the X1M at home.
 Has anyone else

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Neil. W2NDGOriginal X1M (euro antenna

connector and all)Face upgrade on order

Sent from my iPad

2824. Re: [X1M_QRP-Transceiver] Comparison LF-RX X1M Pro <--> TS-590S

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 19:05:42 UTC
From: Charlie , W5COV
Topic: 2794 Message: 2824

Hi Mike ,

** I am only listing the ones that the X1M can cover right out of the box.**

We have the following ham and WARC ham bands not covered by internal filters in the X1M.

160 Meters
60 Meters
30 Meters
17 Meters
12 Meters

The Experimental bands , require either use under part 15 , or part 5 , and each band on part 15 has its own set of rules and are intended for license free operation , so power and antenna are heavily restricted, but still VERY useful .

Bands normally used as part 15 , but some may also be used with a part 5 license.

1750 Meters
AM Broadcast Band
22 Meters

Bands normally used as Part 5 Bands. Each license specifies the power, antenna , ERP. Some people have a kilowatt or more of input power allowed , but typically ERP is the limiting factor , but can be 25 or more watts.

4000 Meters (Not supported by the X1M since it is below 100 kHz.)
2200 Meters
1750 Meters
630/600 Meters

I am the moderator/owner of the Yahoo part15 group (no space between part and 15) When I am not enjoying the X1M, you will find me designing , building, operating , and / or listening to one or more of these bands. (I have had precious little time to devote to my hobby below 2 MHz. with the X1M changes, taking priority)
I have operated a part 15 , 1750 meter beacon for more than a decade now . There is a "watering hole" frequency for operators here in the USA. It is 185.300 kHz. Since we run such super narrow band modes , my frequency is 185.298.3 kHz. currently. I am using my old non frequency locked transmitter so I might be as low as .2 or as high as .4 We normally run QRSS60 in the beacon mode, but do experiment with most digital modes , even the ones hot off the keyboard , just a month or two old. My

beacon is QRSS60 and sends the ID of CV It is on the air 24/7.

I will try to make up a list later today with the frequencies to go with the meter numbers for the bands. Another site that is devoted to operation on part 15 and part 5 , with active station listings, is www.lwca.org

One last band that the X1M will cover with proper filters, but IS ILLEGAL to operate it on, is the CB band.

Charlie , W5COV

On 12/11/2013 7:46 AM, mikejmardis@... wrote:
> Charlie, can you give me the quick and dirty on the exp bands?
>
> Sent from my iPhone
>
> On Dec 10, 2013, at 19:29, "Charlie , W5COV" <cvest@...
> <mailto:cvest@...>> wrote:
>
>> Hi Joe,
>>
>> THANK YOU, for posting the numbers !!! I haven't had a lot of free
>> time to experiment on 2200 meters. I do have the 1750 meter station
>> up and running, but we have been down to zero or below at night for
>> several days now and I need to do a little more antenna work , to
>> improve my signal. I have listened quite a bit on 600/630 meters with
>> it .
>>
>> Really nice heads up comparison !! I hope you will continue to post
>> your information and experience, because my "radio home", plus design
>> and building projects are all 2 MHz. and below.
>>
>> I have wished and asked for one very small firmware change for the
>> X1M, but there seems to be just a couple of us that want it and have
>> a REAL use for it , and that is to drop the lower frequency limit to
>> at least 50 kHz. I have done the change on my own controller on a
>> homebuilt rig, that uses basically the same scheme as the X1M and it
>> takes less than 5 minutes to accomplish and no cost involved for
>> hardware.
>>
>> Some others "MIGHT" even want a little lower bottom end for several
>> of the USA stations they use as a SID monitor reference. It would
>> also add WWVB here in the USA. Some run in the 18 to 20 kHz. range.
>>
>> My 4,000 meter station sits by quietly in the corner. My nice
>> Tektronix high power amp awaits my attention. Since it weighs in at
>> 140 pounds it is difficult for me to move around and to get in from
>> the work bench to the test bench and back and forth. The X1M and
>> related projects still have plenty of hours of work in front of me. I
>> do enjoy working on the X1M, it is a true "labor of love" to me to

>> see what the original radio was and the excellent radio that it is
>> today, so it is time well spent.
>>
>> Maybe one day we will attract even more people with a lot of interest
>> in the frequencies in the experimental bands and we will one day see
>> the X1M software changed to allow us to use it below 100 kHz.
>>
>> Nice impressive numbers for the X1M . Keep up the good work Joe, I'll
>> be looking forward to seeing more on what you are doing with the X1M
>> on 2200 meters.
>>
>> 73, Charlie, W5COV
>>
>>
>>
>> On 12/10/2013 5:36 PM, df2jp@... wrote:
>>>
>>> Hi folks,
>>>
>>> I´ve made a comparison of this both TRX last night in OPERA32 on 137kHz.
>>> X1M was connected to my resonant Inverted-L Antenna, the TS-590S to
>>> a Wellbrook RX Loop.
>>> Thats the result:
>>>
>>> Kenwood TS-590 with Wellbrook Loop Antenna X1M with
>>> Inverted L-Antenna
>>>
>>> 05:58 136 DK7FC Op32 +0 dB Fade: 1%
>>>
>>> 05:55 136 UW8SM Op32 -36 dB Fade: 8%
>>>
>>> 05:23 136 DK7FC Op32 -2 dB Fade: 1%
>>>
>>> 05:18 136 UW8SM Op32 -38 dB Fade: 19%
>>>
>>> 04:48 136 DK7FC Op32 -3 dB Fade: 1%
>>>
>>> 04:13 136 DK7FC Op32 -1 dB Fade: 1%
>>>
>>> 03:38 136 DK7FC Op32 -1 dB Fade: 1%
>>>
>>> 03:03 136 DK7FC Op32 -4 dB Fade: 24%
>>>
>>> 02:28 136 DK7FC Op32 -2 dB Fade: 5%
>>>
>>> 01:53 136 DK7FC Op32 +0 dB Fade: 1%
>>>
>>> 01:18 136 DK7FC Op32 +0 dB Fade: 8%
>>>
>>> 00:43 136 DK7FC Op32 -7 dB Fade: 4%

>>>
>>> 00:08 136 DK7FC Op32 -3 dB Fade: 3%
>>>
>>> ********** 09/12/2013 **********
>>>
>>> 23:33 136 DK7FC Op32 -2 dB Fade: 1%
>>>
>>> 22:58 136 DK7FC Op32 -3 dB Fade: 1%
>>>
>>> 22:23 136 DK7FC Op32 -3 dB Fade: 1%
>>>
>>> 21:48 136 DK7FC Op32 -4 dB Fade: 2%
>>>
>>> 21:13 136 DK7FC Op32 -3 dB Fade: 1%
>>>
>>> 20:38 136 DK7FC Op32 -4 dB Fade: 10%
>>>
>>> 20:03 136 DK7FC Op32 -3 dB Fade: 1%
>>>
>>>
>>>
>>> 05:58 136 DK7FC de DF2JP Op32 -1 dB
>>>
>>> 05:55 136 UW8SM de DF2JP Op32 -35 dB
>>>
>>> 05:23 136 DK7FC de DF2JP Op32 -2 dB
>>>
>>> 05:18 136 UW8SM de DF2JP Op32 -37 dB
>>>
>>> 04:48 136 DK7FC de DF2JP Op32 -3 dB
>>>
>>> 04:13 136 DK7FC de DF2JP Op32 -3 dB
>>>
>>> 03:38 136 DK7FC de DF2JP Op32 -2 dB
>>>
>>> 03:03 136 DK7FC de DF2JP Op32 -3 dB
>>>
>>> 02:28 136 DK7FC de DF2JP Op32 -2 dB
>>>
>>> 01:53 136 DK7FC de DF2JP Op32 -1 dB
>>>
>>> 01:18 136 DK7FC de DF2JP Op32 -1 dB
>>>
>>> 00:43 136 DK7FC de DF2JP Op32 -7 dB
>>>
>>> 00:08 136 DK7FC de DF2JP Op32 -5 dB
>>>
>>> ***** 09/12/2013 *****
>>>
>>> 23:33 136 DK7FC de DF2JP Op32 -2 dB

>>>
>>> 23:28 136 RN3AGC de DF2JP Op32 -39 dB
>>>
>>> 22:58 136 DK7FC de DF2JP Op32 -4 dB
>>>
>>> 22:23 136 DK7FC de DF2JP Op32 -4 dB i
>>>
>>> 21:48 136 DK7FC de DF2JP Op32 -4 dB
>>>
>>> 21:13 136 DK7FC de DF2JP Op32 -3 dB
>>>
>>> 20:38 136 DK7FC de DF2JP Op32 -3 dB
>>>
>>> 20:03 136 DK7FC de DF2JP Op32 -12 dB
>>>
>>>
>>> The spike at 20:03 with -12dB was with preamp = on .After switching
>>> it off they where not much difference between the both RX.
>>> I put some OPERA screenshots in my photo folder where our biggest
>>> problem is vissible, DCF39 (in the right corner) which interferes
>>> the whole band with a very strong signal. X1M Pro can handle it even
>>> without the AGC board.
>>>
>>> 73 Joe
>>> DF2JP
>>> XM1 Pro, FW: V1.021 USA
>>
>

2825. Re: [X1M_QRP-Transceiver] CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 19:54:56 UTC
From: Ken Downs
Topic: 2788 Message: 2825

Probably 600 is what I use most, but anywhere from 450 to 750 would be okay.
Ken, W1KRT

On Dec 10, 2013, at 5:52 PM, Dale Parfitt <parinc1@frontier.com> wrote:

☐

As I continue work on the CW filter- what is the preferred CW Offset that you guys like? I personally use 500Hz, but that may be a bit low for some of you. A show of hands please- majority wins. As of this writing, this is still a democracy.

Dale W4OP

2826. One thing my X1M could use and FIRMWARE instalation.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 21:40:31 UTC
From: Bastress, David G
Topic: 2826 Message: 2826

GA All,

I haven't seen anyone mention it but I sure could use a noise blanker / noise limiter on the X1M. I have intermittent power line noise and it sure would make copy a whole lot easier and nicer if the noise could be cut down to size or eliminated. Don't know if the AGC mod board could be used for part of it or not.

One other thing, since no one has said anything differently, I assume the instructions posted on the user's group for updating the firmware will work with the latest revision that we have to put in our new X1Ms.

Dave K3GAU

2827. Re: [X1M_QRP-Transceiver] One thing my X1M could use and FIRMWARE instalation.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 22:08:07 UTC
From: Dale Parfitt
Topic: 2826 Message: 2827

One thing you might look into Dave are directional RX only antennas with a sequenced T/R relay (DX Engineering etc for the T/R relay). Even a small active loop can be positioned so its null is on the noise source.
Also MFJ's noise cancelling box which uses a sense antenna to subtract noise from the main antenna. NB's are very sophisticated, require sampling before any crystal filters and are well beyond the capabilities of our little X1M.
Finally, an audio DSP board like BHI etc can also do wonders.

Dale W4OP
----- Original Message -----
From: Bastress, David G
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 11, 2013 4:40 PM
Subject: [X1M_QRP-Transceiver] One thing my X1M could use and FIRMWARE instalation.

GA All,

I haven't seen anyone mention it but I sure could use a noise blanker / noise limiter on the X1M. I have intermittent power line noise and it sure would make copy a whole lot easier and nicer if the noise could be cut down to size or eliminated. Don't know if the AGC mod board could be used for part of it or not.

One other thing, since no one has said anything differently, I assume the instructions posted on the user's group for updating the firmware will work with the latest revision that we have to put in our new X1Ms.

Dave K3GAU

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6910 - Release Date: 12/11/13

2828. Re: [X1M_QRP-Transceiver] One thing my X1M could use and FIRMWARE instalation.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-11 22:52:35 UTC
From: Charlie , W5COV
Topic: 2826 Message: 2828

Dale answered your noise question. We are really close to absolutely running out of memory, with all of the extra additions and upgrades that you now enjoy in the current PRO version with the latest November Firmware upgrade installed.MUCH MUCH more radio than any of us original purchasers expected. Personally I don't think there is ANY radio ANYWHERE that can compete with this assembled, 5 watt, SSB/CW radio anywhere for price, performance, and features !!! Plus this is an EXCELLENT support group.

I HIGHLY recommend that you order a USB cable from Ed, www.importcommunications.com . As you can see if you look at the history of the radio in the archives , you will see that the company has been ABSOLUTELY EXCELLENT about adding firmware upgrades to keep your X1M up to date to resolve any issues that we only find now on rare occasions. So if you want your firmware to be up to date ALWAYS, you WILL need the cable or an equivalent. I would caution you , especially the new owners it is VERY DIFFICULT to cut corners and try to buy something cheap or on eBay and get it to work correctly !!! Don't take a chance on something that "says" it is USB to TTL, but just go ahead and buy the cable from Ed. It will save you a LOT of headaches in the long run and you KNOW you have the CORRECT cable !!!

The instructions remain the same for doing the upgrade . I will look it over again and make any changes that might look better and make sure it is as simple as possible. I wrote it quite a while back.

If anyone does encounter any problems, you can always post to the group.

Charlie, W5COV

On 12/11/2013 3:40 PM, Bastress, David G wrote:
> GA All,
> I haven't seen anyone mention it but I sure could use a noise blanker
> / noise limiter on the X1M. I have intermittent power line noise and
> it sure would make copy a whole lot easier and nicer if the noise
> could be cut down to size or eliminated. Don't know if the AGC mod
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> One other thing, since no one has said anything differently, I assume
> the instructions posted on the user's group for updating the firmware
> will work with the latest revision that we have to put in our new X1Ms.
> Dave K3GAU
>

2829. Membership

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 01:09:29 UTC
From: <k8sar@...>
Topic: 2829 Message: 2829

We just welcomed our 600th member to the group. A special thank you to all who have joined and those enjoying the best little economical qrp rig around. Additional thanks to all those contributing to ideas, mods questions and the helping hand to others in the true spirit of hams helping hams.

73, Steve, Founder and Moderator

2830. Re: [X1M_QRP-Transceiver] CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 01:30:34 UTC
From: Tarunodjojo
Topic: 2788 Message: 2830

700 would be nice..

Thanks n 73,
de JOY/YB0NSI..

iPhone is Cool !

> On 11 Des 2013, at 05.52, "Dale Parfitt" <parinc1@...> wrote:
>
> □
>
> As I continue work on the CW filter- what is the preferred CW Offset that you guys like?
> I personally use 500Hz, but that may be a bit low for some of you. A show of hands please- majority wins. As of this writing, this is still a democracy.
>
> Dale W4OP
>

2831. Re: [X1M_QRP-Transceiver] Membership

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 02:03:07 UTC
From: Kent Landis
Topic: 2829 Message: 2831

Thats fantastic Steve....Thanks so much for a great list and Merry Christmas/ Happy New Year to You and Yours!
73 de Kent
N8ZRD
On Dec 11, 2013, at 8:09 PM, <k8sar@...> <k8sar@...> wrote:

> We just welcomed our 600th member to the group. A special thank you to all who have joined and those enjoying the best little economical qrp rig around. Additional thanks to all those contributing to ideas, mods questions and the helping hand to others in the true spirit of hams helping hams.
>
> 73, Steve, Founder and Moderator
>
>
>

Kent E.Landis G.C.
937-836-0036 Home/Office
937-545-6616 Mobile
kelandis@...

2832. RE: [X1M_QRP-Transceiver] Additional LPF auto switching questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 02:17:40 UTC
From: Gary Stephenson
Topic: 2803 Message: 2832

Yes I would like to see an SWR/S-Meter. Maybe later some will come up with it. WW8O Gary

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: Wednesday, December 11, 2013 12:59 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Additional LPF auto switching questions

Hey Ian,

You must be back from your trip. Hope it was a great one, and I know that it was well deserved.

The "S" meter idea as far as I know , did not make it further than the discussion phase . Dale was going to see if it was possible to use one fourth of the AGC chip possibly for it, but it did not appear to be too easily accomplished , but when it really got dropped , was when Dale decided to use a different chip and there was then no electronics to start the chain.

It is always possible to do it, but more people need to be involved in actually designing , building, and testing, all of the proposed mods . Dale especially with his great RF and radio electronics knowledge, also has a full time company to run, so he actually loses money when he works on X1M projects . I too build projects and kits plus other items for people, plus my electronics knowledge is in the industrial field. I am a retired Instrument and Control Engineer , for power plants.

Plus I suffer from a brain injury so I have to ask some more questions to fill in some electronics theory "holes" that I may or may not have once known prior to my injury. So our engineering time is "free," to X1M users when we have the spare time and ability. Dale and I "adopted" the X1M, because we could see so much potential in it , but it just wasn't being brought out. So it is a true labor of love , ANYTHING that we do for the X1M and we make NO money off of any X1M radio, device , or accessory. We sell any kits just at parts and shipping cost. ALL of the engineering and our ordering boards and parts, plus shipping materials come out of our own pockets right up front.

Everyone has a special set of skills and can probably contribute in some manner or method, an accessory for the X1M. If you don't have a breadboard , I would recommend buying one. They are great fun and make it easy to experiment with. Many parts today are so cheap that one can let the good smoke along the way and usually not lose very much money. I let the smoke out of several IRF510's when I first started learning how to build MOSFET power amps.

Since we have a nice influx of new users , perhaps someone else will take up work on the "S" meter circuit.

Dale is currently working on a CW Crystal filter that will fit inside of the radio. I am just getting the parts ordered and am preparing to do some work on the external filter board , to try and give Dale some more time.

Just jump in and do a little building and make a few mistakes on a breadboard and when you are done share it with the group and we will all benefit from it. There is room for everyone !!!

Charlie , W5COV

On 12/11/2013 4:26 AM, Ian Coots wrote:

Hello Charlie,

has the idea discussed some time ago of an "S" meter been shelved, or is this something still in the melting pot of ideas being considered>

73 de Ian VK3YIC

> Hi Steve,
>
> Is that where you are going to be living now ? It has been zero F or
> below every night here for at least a week, with not much better
> forecast in the near future and I have a little 1750 meter outside
> antenna work that I need to finish up.
>
> At present I know of no way to do that unfortunately. We have pretty
> much used up all of the software memory room and also have used all of
> the function buttons and switches , both hardware and software, with
> multi use already. We have pretty much maxed out the radio, without
> reallocating something. However the changes have all been for the
> better, to make it a MUCH better radio than was their original unit and
> have added features that were not planned on being available on the
> original radio.
>
> We still find an occasional bit of space to add some other internal
> changes, but even that is getting very limited now.
>
> Pretty much everything is going to have to be external, which really has
> been my idea all along for adding additional filters , since if I add
> all of the WARC bands and the Experimental bands above 100 kHz. through
> 30 MHz., I need I believe it is going to take 10 additional filters.
>
> The extra bands and filters have just become a priority on my "X1M spare
> time projects" list, just this week, so I have only done a bit of
> preliminary study on being able to rig a way to switch the external
> filters from the radio.
>
> This is where we can really use your talents in Arduino , Pickaxe,
> Raspberry, Full Atmel , or some other way to see if we can accomplish it

> , to see if we can find a way that is not a purely manual operation.
> Maybe even a bit of good old analog devices tossed in for good measure :)
>
> The logic lines are easy enough for the most part to access in the X1M,
> however it is going to require some creative thinking to accomplish
> switching the external filters with the internal logic functions. I am
> not saying that it can't be done, but it is not going to be simple. I
> haven't COMPLETELY given up just YET , but am certainly nearing the end
> of ideas on how to accomplish it.
>
> I have a couple of projects this week for group members that will be
> getting bench time this week, but after that I am clearing the bench to
> work on this project, while Dale works on the CW crystal filter kit to
> install internally.
>
> Just this evening I have been sourcing relays and any other parts that I
> think that I might need to start working on one possibly 2 prototypes of
> an external filter box and since I haven't even sketched any of this on
> my pad yet, but have a couple of ideas floating around in my head, I am
> most certainly OPEN TO ANY AND ALL IDEAS AND SUGGESTIONS FROM ANY GROUP
> MEMBER !! EVERYTHING no matter how far out there as it might seem to
> some WILL get a good hard look at and PUT ON THE TABLE !!
>
> KEEP WARM MY FRIEND !!
>
> Going to crawl in the nice warmed up bed , and give this some more
> thought and hopefully something will come to me. It is my ONLY PRIORITY
> PROJECT , once I do the things scheduled on the bench this week.
>
> Best Regards ,
> Charlie , W5COV
>
>
> On 12/11/2013 12:38 AM, Stephen Farthing wrote:
>>
>> Charlie and the group,
>>
>>
>> I hope to get my XM1 soon as my pal who has it in the USA is well
>> enough to ship it to me.
>> I want to design an external LPF which will be automatically switched
>> in when the band is selected. But i do not know if there is a way to
>> get the band info from the radio. Is there?
>>
>> Thanks and greetings from a cold Budapest.
>>
>> Steve G0XAR
>>
>
>

2833. Possible 9mc IF leakage

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 04:10:28 UTC
From: <pal350@...>
Topic: 2833 Message: 2833

Ran the new X1M all day today, probably twelve hours straight. Listened on many freeks, both inside and outside the filtered ham bands. No trouble for the first 8 hours or so. When operating correctly, the receiver is very good and useable. Could use some AGC, but that's being taken care of. :)

But about 8 hours in I started noticing a constant tone in the background, very faint. At first I figured it was just a BC carrier or other sig on the freek I was monitoring. But tuning around, I realized it was present everywhere when listening outside the filtered bands. It got more and more noticeable as time went on. There is no question it was NOT present during my intitial familiarization with the unit.

I'd like other users to run their sets for an extended time and see if they can duplicate my results below.

If I tune to 9000.000 MHz in USB mode I get the 9 meg I.F. sig very strongly (to be expected and not a problem). When I tune away, the persistent background tone is exactly the same frequency.

On 9.000.000 Mhz if I switch to LSB, the frequency of the demodulated 9mc IF sig goes up. If I then tune through the HF band outside the filtered range, the background tone mentioned earlier is the same higher frequency.

On 9.000.000 Mhz if I switch to CW, the frequency of the demodulated 9mc IF sig goes down (below what it was on USB). If I then tune through the HF band outside the filtered range, the background tone is the same lower frequency.

Ahhh, I said, we may have the old 9mc leakage issue again...

Further clues, present in all modes:

1) The tone varies subtly with the noise level. More noise, tone comes up.

2) The tone disappears when the antenna is disconnected.

3) The tone disappears in the filtered ranges.

I'm theorizing the following is happening anywhere in the unfiltered range:

The 9mc IF oscillator is present all the time, as evidenced when you tune right to it. On the FILTERED ham bands the low pass filters are good enough to catch it. On the UNFILTERED parts of the HF band, the signal-plus-9MHz (or signal-minus-9MHz, depending on how the mixing is handled) comes back in the front end and is demodulated to give the ever-present tone.

I absolutely know the radio was not doing this for the first 18 or so total hours of use. I would've picked it up immediately. This is something new.

Next, I cooled the radio down and checked again. No change.

I've ordered a cable and will upgrade to the Nov firmware. Hope that will solve the CW-first-element-dropout issue, but I don't think the tone issue is firmware-related...

Can anyone else reproduce this?

I'd also be interested to see if anyone is losing part or all of the first dit or dah sent out of receive mode like I'm experiencing. Mention what firmware version you're running since the newest one may fix it.

--Mark
KI0PF

2834. RE: [X1M_QRP-Transceiver] Re: External HF Amp

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 05:06:25 UTC
From: Lee
Topic: 2803 Message: 2834

Not anymore.

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: Wednesday, December 11, 2013 11:02 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: External HF Amp

Are you an ARRL member Lee?

Charlie,W5COV

On 12/11/2013 9:57 AM, Lee wrote:

How would a person get a copy of the article. Is it available somewhere on
the web?

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ken fest
Sent: Wednesday, December 11, 2013 7:51 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: External HF Amp

I have built two HF amps based on the 2009 QST homebrew challenge winner. It
uses two 98 cent switching transistors. With less than 2 watt drive it
outputs 60 watts on 20 meters. The output varies on the other bands with the
least output on 10 meters.
This amp is an easy inexpensive build and works well as a QRP amplifier. I
also adapted an Ebay Kenwood switchable low pass filter board on the output
of the amp.
I can't recommend this amp strong enough for our purposes. Less than $30
dollars and you have a nice amp.
Ken N2LZV

On Wed, 12/11/13, Neil Goldstein <neilgoldstein@...> wrote:

Subject: [X1M_QRP-Transceiver] Re: Additional LPF auto switching questions
To: "X1M_QRP-Transceiver@yahoogroups.com"
<X1M_QRP-Transceiver@yahoogroups.com>
Date: Wednesday, December 11, 2013, 8:40 AM

The idea of using Arduino is definitely possible. We
already have the ability to read current frequency for each
VFO. We would need to pass that reading into a simple
if/then. It would just be a statement like "if freq

< Xa and >Ya then filter_a = true" where Xa is an
upper band limit and Xb is a lower band limit and filter_a
is a relay trigger. Is it possible to have a command
pass-thru though so that we could still have rig control
with the external filter attached? My coding skills
are still 1983 unfortunately, but I can limp through it
using examples from existing code snippets. I was able to
successfully make a fox-hunt box out of an Arduino Leonardo
and a Baofeng uv3r this way.
I also had a chance to experiment with the extra
DB9 pins that seem to be tied to the internal filters.
I had thought they might be for triggering the
internal filters manually, but I think they are there for
triggering external filters in a PA. Yet another
device that would need some sort of pass-thru. I'm
hoping that this is how the 20 watt amp they were talking
about would work.
I'm looking at the HardRock 50 project as a
nice amp to use with the X1M at home. Has anyone else
looked at this one?
http://www.hobbypcb.com/amateur-radio/hardrock-50-hf-power-amp-group-buy-det
ail

Neil. W2NDGOriginal X1M (euro antenna
connector and all)Face upgrade on order

Sent from my iPad

2835. Re: [X1M_QRP-Transceiver] Possible 9mc IF leakage

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 05:15:06 UTC
From: Tim
Topic: 2833 Message: 2835

Hi Mark,

I don't have the new radio... I just finished my 'kit' that was from back in the May time frame (I think).

Anyhow, a couple of thoughts.

1. Check it again at about the same time tomorrow & see if you have the same issue... maybe it's late afternoon & night time propagation getting into the radio.

2. Do you see it with the PRE turned off? (I don't hear it then).

3. I hooked up the rig to my spectrum analyzer, and any frequency that wasn't
in the filter network (say 30 meters, 7.3 mHz, etc) showed a multitude of
spurs & other noise. If these spurs & other noise were fed into the mixer, you would hear nothing but a roar of noise (like what we are hearing).
I'm not so sure that it's 9mHz blowby, but a demodulation of many many signals because of the trashy signals going into the mixer.

4. If you look at the schematics (in both the original and the Platinum), you will
see 6 band pass filters. The bottom one you can see has no tuned circuits
(in a bandpass configuration, just a Pi-type low pass filter). Since I don't see any
values for the capacitors, it's difficult to figure out what the cut off frequency
is. I figure that this is the filter that is inserted whenever in the SWL mode (or
those frequencies that aren't covered by the 5 bands.

Just food for thought - the next time I get into the box, I will take some analyzer
pix of what's going into the mixer from the DDS & see where the trash is coming
from in the TX chain. That should tell some tales. It's certainly possible that my
radio is different... it would be nice for someone else to do the same so we could
compare notes.

We could rule out 9mHz blowby by tuning the radio say to 4.5 mHz, and putting a

low pass filter in it that's got a 5mHz cutoff... should cut down on the
9mhz.
Probably could do the same to some degree with a manual antenna tuner.

But... it's a really cool radio!! :-)

Tim W5FN
>
>
> Ran the new X1M all day today, probably twelve hours straight. Listened
> on many freeks, both inside and outside the filtered ham bands. No
> trouble for the first 8 hours or so. When operating correctly, the
> receiver is
> very good and useable. Could use some AGC, but that's being taken
> care of. :)
>
> But about 8 hours in I started noticing a constant tone in the
> background, very
> faint. At first I figured it was just a BC carrier or other sig on the
> freek
> I was monitoring. But tuning around, I realized it was present
> everywhere when listening outside the filtered bands. It got more and
> more noticeable as time went on. There is no question it was NOT
> present during my intitial familiarization with the unit.
>
> I'd like other users to run their sets for an extended time and see if
> they
> can duplicate my results below.
>
> If I tune to 9000.000 MHz in USB mode I get the 9 meg I.F. sig very
> strongly (to be expected and not a problem). When I tune away, the
> persistent background tone is exactly the same frequency.
>
> On 9.000.000 Mhz if I switch to LSB, the frequency of the demodulated
> 9mc IF sig goes up. If I then tune through the HF band outside
> the filtered range, the background tone mentioned earlier is the same
> higher frequency.
>
> On 9.000.000 Mhz if I switch to CW, the frequency of the demodulated
> 9mc IF sig goes down (below what it was on USB). If I then tune through
> the HF band outside the filtered range, the background tone is the same
> lower frequency.
>
> Ahhh, I said, we may have the old 9mc leakage issue again...
>
> Further clues, present in all modes:
>
> 1) The tone varies subtly with the noise level. More noise, tone
> comes up.
>
> 2) The tone disappears when the antenna is disconnected.

>
> 3) The tone disappears in the filtered ranges.
>
> I'm theorizing the following is happening anywhere in the unfiltered
> range:
>
> The 9mc IF oscillator is present all the time, as evidenced when you tune
> right to it. On the FILTERED ham bands the low pass filters are good
> enough to catch it. On the UNFILTERED parts of the HF band, the
> signal-plus-9MHz (or signal-minus-9MHz, depending on how the mixing is
> handled) comes back in the front end and is demodulated to give the
> ever-present tone.
>
> I absolutely know the radio was not doing this for the first 18 or so
> total hours of use. I would've picked it up immediately. This is
> something
> new.
>
> Next, I cooled the radio down and checked again. No change.
>
> I've ordered a cable and will upgrade to the Nov firmware. Hope that
> will solve the CW-first-element-dropout issue, but I don't think the tone
> issue is firmware-related...
>
> Can anyone else reproduce this?
>
> I'd also be interested to see if anyone is losing part or all of the
> first
> dit or dah sent out of receive mode like I'm experiencing. Mention what
> firmware version you're running since the newest one may fix it.
>
> --Mark
> KI0PF
>
>
>

2836. RE: [X1M_QRP-Transceiver] Additional LPF auto switching questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 07:26:19 UTC
From: Stephen Farthing
Topic: 2803 Message: 2836

Re the SWR and power meter..... I will try but no promises. I need to tame the LPF first and it dependson how many I/O pins i have left on the mocrocontroller. I am also thinking, as opposed to doing, about doing some audio DSP work. It is really new ground for me so the wait will be a long one....all i have is a Cumbria Kits DSPic board and a handful of components...and a very small brain!

73s Steve

2837. Re: One thing my X1M could use and FIRMWARE instalation.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 12:21:09 UTC
From: Paul W. Ross
Topic: 2826 Message: 2837

New User's Guide later today... has info on firmware updating.

Other good stuff....

73 /paul W3FIS

2838. Re: [X1M_QRP-Transceiver] One thing my X1M could use and FIRMWARE instalation.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 13:55:33 UTC
From: Bastress, David G
Topic: 2826 Message: 2838

GM Dale and Charlie,

Thanks for your replies.

I know that full blown fancy NBers take a bunch of hardware, etc. but I have seen circuits (NB and NR) in the past that were pretty simple and while not 'perfect' did serve the a useful function of helping to reduce impulse and power line noise.

Years ago I had a Heathkit SB-110A. I found a circuit somewhere that used 2 tubes with no fancy filters or pulse shaping circuits that did a pretty respectable job on such noise. I have seen circuits that were almost as simple as two diodes in opposition to each other with a few other components. Granted the better circuits do work better, but they all worked better than no NB or NR. :-)

The only time that I have seen where "NB" or "ANR" made things worse was in the IC-718!!! My power line noise just ate that RX alive. I think my X1M without any NB or NR probably copies signals better than the IC-718 did with its "NB" or "ANR" turned on.

Anyway, FWIW.

Dave K3GAU

On Wed, Dec 11, 2013 at 5:52 PM, Charlie , W5COV <cvest@...> wrote:

>
>
> Dale answered your noise question. We are really close to absolutely
> running out of memory, with all of the extra additions and upgrades that
> you now enjoy in the current PRO version with the latest November Firmware
> upgrade installed.MUCH MUCH more radio than any of us original purchasers
> expected. Personally I don't think there is ANY radio ANYWHERE that can
> compete with this assembled, 5 watt, SSB/CW radio anywhere for price,
> performance, and features !!! Plus this is an EXCELLENT support group.
>
> I HIGHLY recommend that you order a USB cable from Ed,
> www.importcommunications.com . As you can see if you look at the history
> of the radio in the archives , you will see that the company has been
> ABSOLUTELY EXCELLENT about adding firmware upgrades to keep your X1M up to
> date to resolve any issues that we only find now on rare occasions. So if
> you want your firmware to be up to date ALWAYS, you WILL need the cable or
> an equivalent. I would caution you , especially the new owners it is VERY
> DIFFICULT to cut corners and try to buy something cheap or on eBay and get

> it to work correctly !!! Don't take a chance on something that "says" it is
> USB to TTL, but just go ahead and buy the cable from Ed. It will save you a
> LOT of headaches in the long run and you KNOW you have the CORRECT cable !!!
>
> The instructions remain the same for doing the upgrade . I will look it
> over again and make any changes that might look better and make sure it is
> as simple as possible. I wrote it quite a while back.
>
> If anyone does encounter any problems, you can always post to the group.
>
> Charlie, W5COV
>
> On 12/11/2013 3:40 PM, Bastress, David G wrote:
>
>
> GA All,
>
> I haven't seen anyone mention it but I sure could use a noise blanker /
> noise limiter on the X1M. I have intermittent power line noise and it sure
> would make copy a whole lot easier and nicer if the noise could be cut down
> to size or eliminated. Don't know if the AGC mod board could be used for
> part of it or not.
>
> One other thing, since no one has said anything differently, I assume the
> instructions posted on the user's group for updating the firmware will work
> with the latest revision that we have to put in our new X1Ms.
>
> Dave K3GAU
>
>
>
>

2839. Two manufacturing issues

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 14:28:06 UTC
From: <disklog@...>
Topic: 2839 Message: 2839

I noticed today two manufacturing issues with my new X1MPro. I am not sure I will be able to use the radio because of these problems.
1. On the front panel they spelled "Transceiver" wrong.
2. On the back panel they spelled "Headphone" wrong.

These glaring issues will make this radio difficult or impossible to use. Woe is me.

2840. RE: Two manufacturing issues

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 16:03:08 UTC
From: <deadgoose@...>
Topic: 2839 Message: 2840

Luckily, we do not have the writing in Chinese Characters.....

We have posted a new version of the User's Guide this morning. New stuff:

1. Firmware update procedure. Edited Heath's instructions.
2. How to kludge up a programming cable. Nice diagram from Ed.
3. New screen shots and updated option explanations.
4. Shots of internal options.
5. Corrected some typos -- hard to proofread our own stuff!

A Merry Christmas to all, and enjoy your new radios!

73 /paul W3FIS

2841. New manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 19:36:38 UTC
From: <disklog@...>
Topic: 2841 Message: 2841

Nice job on the new manual ! I love all the participation from the various users.

Once I get a properly working AGC I hope to add circuitry to drive an S meter. I envision a slim edgeview meter mounted under the unit between the front feet/tiltbail. If I am successful in the meter project I will post details in the files/photos section.
Ken N2LZV

2842. RE: Two manufacturing issues

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 19:39:06 UTC
From: <ip_56@...>
Topic: 2839 Message: 2842

Hello,

Question: Works with the last firmware update the SPLIT function correctly even in CW mode?

In the new User's Guide is that, this does not work.

Which is correct?

73 Ingo

2843. Re: [X1M_QRP-Transceiver] New manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 19:50:52 UTC
From: Dale Parfitt
Topic: 2841 Message: 2843

Hi Ken,
You can bring out the voltage from Pin 5 of the MC1350 and use a couple of op amps to first zero the voltage at no signal and then scale it for the S meter sensitivity. I would have done this on the AGC board but ran out of op amp stages and room. Since the S meter would be external anyway, it makes sense to do the math outside also.

I have to go to the P.O. on Thursday or Friday- easy enough for me to drop a replacement AGC op amp in the mail to you. Just resend your USPS address.
Dale W4OP
----- Original Message -----
From: disklog@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, December 12, 2013 2:36 PM
Subject: [X1M_QRP-Transceiver] New manual

Nice job on the new manual ! I love all the participation from the various users.

Once I get a properly working AGC I hope to add circuitry to drive an S meter. I envision a slim edgeview meter mounted under the unit between the front feet/tiltbail. If I am successful in the meter project I will post details in the files/photos section.
Ken N2LZV

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6913 - Release Date: 12/12/13

2844. Re: [X1M_QRP-Transceiver] Additional LPF auto switching questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 20:42:04 UTC
From: Charlie , W5COV
Topic: 2803 Message: 2844

LOL Steve I have known you for years and know that if it is a small brain that you have, it is completely stuffed with out of the box electronics thinking, design and building !!

We are really fortunate to have you join so much other talent that we have on this group. This radio IS the radio to own when you get all the guys that I know on here working on it. May not happen today or tomorrow, but you can be assured if there is any way possible to accomplish whatever you want for this radio, we have the people on board that can do it.

I just ask everyone be a little patient , because this is still a hobby to most people on here and they have family and jobs that have to come first.

73, Charlie , W5COV

On 12/12/2013 1:26 AM, Stephen Farthing wrote:
>
> Re the SWR and power meter..... I will try but no promises. I need to
> tame the LPF first and it dependson how many I/O pins i have left on
> the mocrocontroller. I am also thinking, as opposed to doing, about
> doing some audio DSP work. It is really new ground for me so the wait
> will be a long one....all i have is a Cumbria Kits DSPic board and a
> handful of components...and a very small brain!
>
>
> 73s Steve
>
>
>

2845. Re: [X1M_QRP-Transceiver] Re: One thing my X1M could use and FIRMWARE instalation.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 20:48:09 UTC
From: Charlie , W5COV
Topic: 2826 Message: 2845

THANKS Paul !! Your work is very much appreciated !!

For the new members, Paul is our X1M "author" . PLEASE take the time to
read the manual once it is posted. I read it again just yesterday.

If you find something that needs added or changed, please let Paul know.

Charlie, W5COV

On 12/12/2013 6:21 AM, Paul W. Ross wrote:
>
> New User's Guide later today... has info on firmware updating.
>
> Other good stuff....
>
> 73 /paul W3FIS
>
>

2846. Re: [X1M_QRP-Transceiver] New manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 21:16:13 UTC
From: Charlie , W5COV
Topic: 2841 Message: 2846

Dale I can send him one plus another kit if he requires it .

Charlie, W5COV

On 12/12/2013 1:50 PM, Dale Parfitt wrote:
>
> □
>
> Hi Ken,
> You can bring out the voltage from Pin 5 of the MC1350 and use a
> couple of op amps to first zero the voltage at no signal and then
> scale it for the S meter sensitivity. I would have done this on the
> AGC board but ran out of op amp stages and room. Since the S meter
> would be external anyway, it makes sense to do the math outside also.
> I have to go to the P.O. on Thursday or Friday- easy enough for me to
> drop a replacement AGC op amp in the mail to you. Just resend your
> USPS address.
> Dale W4OP
>
> ----- Original Message -----
> *From:* disklog@... <mailto:disklog@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Thursday, December 12, 2013 2:36 PM
> *Subject:* [X1M_QRP-Transceiver] New manual
>
> Nice job on the new manual ! I love all the participation from
> the various users.
>
> Once I get a properly working AGC I hope to add circuitry to drive
> an S meter. I envision a slim edgeview meter mounted under the
> unit between the front feet/tiltbail. If I am successful in the
> meter project I will post details in the files/photos section.
> Ken N2LZV
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6913 - Release Date:
> 12/12/13
>
>

2847. Re: [X1M_QRP-Transceiver] New manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 21:22:14 UTC
From: Dale Parfitt
Topic: 2841 Message: 2847

Either way Charlie- I have spares here. Looks like Ken's original op-amp is oscillating.

Dale
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, December 12, 2013 4:16 PM
Subject: Re: [X1M_QRP-Transceiver] New manual

Dale I can send him one plus another kit if he requires it .

Charlie, W5COV

On 12/12/2013 1:50 PM, Dale Parfitt wrote:

☐

Hi Ken,
You can bring out the voltage from Pin 5 of the MC1350 and use a couple of op amps to first zero the voltage at no signal and then scale it for the S meter sensitivity. I would have done this on the AGC board but ran out of op amp stages and room. Since the S meter would be external anyway, it makes sense to do the math outside also.

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----- Original Message -----
From: disklog@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, December 12, 2013 2:36 PM
Subject: [X1M_QRP-Transceiver] New manual

Nice job on the new manual ! I love all the participation from the various users.

Once I get a properly working AGC I hope to add circuitry to drive an S meter. I envision a slim edgeview meter mounted under the unit between the front feet/tiltbail. If I am successful in the meter project I will post details in the files/photos section.
Ken N2LZV

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6913 - Release Date: 12/12/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6913 - Release Date: 12/12/13

2848. AGC KITS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 21:37:28 UTC
From: Charlie , W5COV
Topic: 2848 Message: 2848

Most of you know , but for the new members that may not know , Dale, W4OP,designed and spent many hours of development to provide a surface mount AGC kit that will fit INSIDE of the X1M. He did ALL of the work and deserves 100% of the credit for it. It is a very nice addition to the X1M.

BE WARNED IT IS TINY !!

To give Dale more time to work on design and development of a Crystal CW Filter board to also go INSIDE of the X1M , I will be kitting up the AGC kits for those that want to add one to their radio.

I will not post them ready for sale or ready to take orders until ALL parts are in hand. No selling of something that I don't have in hand, that way I can keep track and provide you as quick of service as possible.

The price for this batch of kits , including shipping is slightly higher as I only order when we are ready to put kit batches together, so we pay market price for the parts at the time of the order.

US COMPLETE KITS $12.00
DX COMPLETE KITS $14.00

This INCLUDES shipping charge

PLEASE wait until I post them as available, before ordering them, and I can take check or PayPal at that time. The anticipated date of availability is Monday.

Don't forget to check Dale's antenna and electronics page, when you are in the market for the type of equipment that his company manufactures. I for one would tell you to check out his omniangles antennas !! Great performer , horizontal omni directional, no rotor needed !!
http://www.parelectronics.com/index.php

Best 73 , Charlie , W5COV

2849. Re: [X1M_QRP-Transceiver] New manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 21:41:08 UTC
From: Charlie , W5COV
Topic: 2841 Message: 2849

Ken , let us know. If you really don't need a kit, I can drop you the IC in the mail or a couple of them, if you want to use one for the S meter experimenting.

Charlie

On 12/12/2013 3:22 PM, Dale Parfitt wrote:
>
> ☐
>
> Either way Charlie- I have spares here. Looks like Ken's original
> op-amp is oscillating.
> Dale
>
> ----- Original Message -----
> *From:* Charlie , W5COV <mailto:cvest@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Thursday, December 12, 2013 4:16 PM
> *Subject:* Re: [X1M_QRP-Transceiver] New manual
>
> Dale I can send him one plus another kit if he requires it .
>
>
> Charlie, W5COV
>
> On 12/12/2013 1:50 PM, Dale Parfitt wrote:
>>
>> ☐
>>
>> Hi Ken,
>> You can bring out the voltage from Pin 5 of the MC1350 and use a
>> couple of op amps to first zero the voltage at no signal and then
>> scale it for the S meter sensitivity. I would have done this on
>> the AGC board but ran out of op amp stages and room. Since the S
>> meter would be external anyway, it makes sense to do the math
>> outside also.
>> I have to go to the P.O. on Thursday or Friday- easy enough for
>> me to drop a replacement AGC op amp in the mail to you. Just
>> resend your USPS address.
>> Dale W4OP
>>
>> ----- Original Message -----
>> *From:* disklog@... <mailto:disklog@...>
>> *To:* X1M_QRP-Transceiver@yahoogroups.com

>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>> *Sent:* Thursday, December 12, 2013 2:36 PM
>> *Subject:* [X1M_QRP-Transceiver] New manual
>>
>> Nice job on the new manual ! I love all the participation
>> from the various users.
>>
>> Once I get a properly working AGC I hope to add circuitry to
>> drive an S meter. I envision a slim edgeview meter mounted
>> under the unit between the front feet/tiltbail. If I am
>> successful in the meter project I will post details in the
>> files/photos section.
>> Ken N2LZV
>>
>> No virus found in this message.
>> Checked by AVG - www.avg.com <http://www.avg.com>
>> Version: 2014.0.4259 / Virus Database: 3658/6913 - Release
>> Date: 12/12/13
>>
>
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> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6913 - Release Date:
> 12/12/13
>
>

2850. Re: [X1M_QRP-Transceiver] New manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 22:04:25 UTC
From: Dale Parfitt
Topic: 2841 Message: 2850

I have it taken care of Charlie- posting Friday- thanks,

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, December 12, 2013 4:41 PM
Subject: Re: [X1M_QRP-Transceiver] New manual

Ken , let us know. If you really don't need a kit, I can drop you the IC in the mail or a couple of them, if you want to use one for the S meter experimenting.

Charlie

On 12/12/2013 3:22 PM, Dale Parfitt wrote:

☐

Either way Charlie- I have spares here. Looks like Ken's original op-amp is oscillating.

Dale
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, December 12, 2013 4:16 PM
Subject: Re: [X1M_QRP-Transceiver] New manual

Dale I can send him one plus another kit if he requires it .

Charlie, W5COV

On 12/12/2013 1:50 PM, Dale Parfitt wrote:

☐

Hi Ken,
You can bring out the voltage from Pin 5 of the MC1350 and use a couple of op amps to first zero the voltage at no signal and then scale it for the S meter sensitivity. I would have done this on the AGC board but ran out of op amp stages and room. Since the S meter would be external anyway, it makes sense to do the math outside also.

I have to go to the P.O. on Thursday or Friday- easy enough for me to drop a replacement AGC op amp in the mail to you. Just resend your USPS address.
Dale W4OP
----- Original Message -----
From: disklog@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, December 12, 2013 2:36 PM

Subject: [X1M_QRP-Transceiver] New manual

Nice job on the new manual ! I love all the participation from the various users.

Once I get a properly working AGC I hope to add circuitry to drive an S meter. I envision a slim edgeview meter mounted under the unit between the front feet/tiltbail. If I am successful in the meter project I will post details in the files/photos section.
Ken N2LZV

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6913 - Release Date: 12/12/13

2851. X1M EXPERIMENTERS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 22:17:51 UTC
From: Charlie , W5COV
Topic: 2851 Message: 2851

The X1M is a great little radio to design , experiment , and build accessories for. Even if you have little or no background in electronics, but have an idea, have a look at some of the QRP especially books on building that are out there . Many people with no background in electronics at all will be surprised with many of the modern components available for things like developing an "S" meter circuit. Another would be a simple RF indicator that will fit inside of the radio and give you a visual indication of RF out without having to watch the display. It wouldn't in its most simple form, tell you power, but if you want to work a little more that could be accomplished too.

Things don't have to be overly complicated. In fact simpler is better in a lot of cases. If you have questions on your idea or design, post them to the group. We have some really well known long time designers on this group.

I have built single band filters to add to mine and am working with Dale's help on a multi band filter board. Probably 5 bands. However he is tied up with the Crystal CW Filter to put inside of the X1M and I am just trying to get a little head start on what will probably be his next project. Dale is a very nice guy and devotes a LOT of his personal time and equipment to design mods and additions, which takes time away from his full time electronics business. He is the brains behind most of the electronics design behind most of the ideas :) I am just good at building and testing and have more free time than he does.

I also keep a fairly decent stock of parts on hand, since I do a lot of building and experimenting below 2MHz. So if you happen to need a part and don't need to make a full order of parts, drop me a line and if I have spares, which I likely do, I will drop them in an envelope to you. If you have a chance pick you up a breadboard,even off of eBay, you will be surprised at how much you will use it and what you can build. Also order a power supply. They have some that plug right on the board and provide you with 12 volts and 5 volts, or there are other models that do +/- and some from 3.3 to 15 volts. You will be amazed how much fun you can get and spend less than $10 on eBay !!

You can easily build several different small antenna tuners to use with the X1M. LOTS of useful accessories out there just waiting for you to build and most important don't be afraid , in fact , PLEASE DO share your projects with other members !!!

You can build a power supply exclusively for your X1M , or a power amplifier. You have one of the best engineering support groups, especially for QRP here , that you will find ANYWHERE !!

Here is a site that will give you tons of simple , but useful projects,
that you can easily breadboard, if you need any ideas.
http://www.techlib.com , be sure and check the "circuits" box at the
top of the page for more projects.

Have fun and PLEASE share !!

Charlie , W5COV

2852. 10 METER CONTEST

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 22:33:06 UTC
From: Charlie , W5COV
Topic: 2852 Message: 2852

If you really want to give the X1M a good workout and hopefully we will see MANY X1M to X1M contacts made , then get on 10 meters this weekend. LOTS of fun if the band is in good condition as it has been pretty much for the past month.

If someone has a suggested frequency that includes all license classes , we could maybe go to it on the hour or better yet, the half hour and see how many X1M group members that we can work !!

Hope to see you on 10 !!

The 2013 ARRL 10 Meter Contest <http://www.arrl.org/10-meter> starts at 0000 UTC on Saturday, December 14, and runs through 2359 UTC on Sunday, December 15.

Charlie , W5COV

2853. Re: [X1M_QRP-Transceiver] New manual

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 22:40:53 UTC
From: ken fest
Topic: 2841 Message: 2853

Hi Charlie,
Dale has agreed to send one to me, so thank you but I will look for his in the mail.
As far as the S Meter chip is concerned, I will not be using surface mount. Since the meter will be attached outside the radio, I will have room for a small through hole circuit.
A watt meter and SWR attachment could be incorporated into the same configuration, but I will have to ponder the mechanics of that design/connection.
Ordinarily I would install a small torrid pickup for the power/swr at the antenna jack inside the radio. When I changed out my final transistor, I saw that there is zero room at the antenna jack. We shall see how it goes.
Ken N2LZV

On Thu, 12/12/13, Charlie , W5COV <cvest@cox.net> wrote:

Subject: Re: [X1M_QRP-Transceiver] New manual
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Thursday, December 12, 2013, 4:41 PM

Ken , let us know. If you really don't need a kit, I
can drop you
the IC in the mail or a couple of them, if you want to
use one for
the S meter experimenting.

Charlie

On 12/12/2013
3:22 PM, Dale Parfitt
wrote:

□

Either way
Charlie- I have
spares here. Looks like Ken's original
op-amp is
oscillating.

Dale

----- Original
Message

From:
Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com

Sent:
Thursday,
December 12, 2013 4:16 PM
Subject:
Re:
[X1M_QRP-Transceiver] New manual

Dale I can send him one plus another kit
if he
requires it .

Charlie, W5COV

On
12/12/2013 1:50 PM, Dale
Parfitt wrote:

☐
Hi
Ken,
You can
bring out
the voltage from Pin 5 of the MC1350
and use a
couple of op amps to first zero the
voltage at
no signal and then scale it for the
S meter
sensitivity. I would have done this
on the AGC
board but ran out of op amp
stages and room.
Since the S meter would be external
anyway, it
makes sense to do the math outside
also.

I have
to go to the
P.O. on Thursday or Friday- easy
enough for me
to drop a replacement AGC op amp
in the mail to
you. Just resend your USPS
address.
Dale
W4OP

Original
Message -----
From:

disklog@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent:
Thursday, December 12, 2013 2:36
PM
Subject:
[X1M_QRP-Transceiver] New
manual

Nice job on the new manual ! I
love all the
participation from the various
users.

Once I get a properly working AGC
I hope to
add circuitry to drive an S meter.
I envision
a slim edgeview meter mounted
under the unit
between the front feet/tiltbail.
If I am
successful in the meter project I
will post
details in the files/photos
section.

Ken N2LZV

No virus found
in this message.

Checked by AVG - www.avg.com

Version: 2014.0.4259 / Virus
Database: 3658/6913
- Release Date: 12/12/13

No virus found
in this message.

Checked by AVG - www.avg.com

Version: 2014.0.4259 / Virus Database:
3658/6913 -
Release Date: 12/12/13

2854. Re: [X1M_QRP-Transceiver] Membership

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 23:21:59 UTC
From: Charlie , W5COV
Topic: 2829 Message: 2854

THANK YOU STEVE !!!

You have certainly provided us with an excellent forum and I know I TRULY appreciate it !!

I probably post too often and too much on here and you have been very tolerant of my use and my comments that I post.

I belong to several groups and am moderator/founder of one myself , and I can say that this is pretty much a one of kind GREAT group , made up of members from all over the world and it is GREAT to see everyone get along so well and see the absolutely amazing amount of support that is available all in one central place.

73, Charlie, W5COV

On 12/11/2013 7:09 PM, k8sar@... wrote:
>
> We just welcomed our 600th member to the group. A special thank you
> to all who have joined and those enjoying the best little economical
> qrp rig around. Additional thanks to all those contributing to ideas,
> mods questions and the helping hand to others in the true spirit of
> hams helping hams.
>
> 73, Steve, Founder and Moderator
>
>

2855. SSM2167 Power Microphone

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-12 23:34:57 UTC
From: <mr.olson@...>
Topic: 2855 Message: 2855

I just finished my latest SSM2167 project and uploaded it to the Files Section. It is called SSM2167 Power Microphone.pdf. Its powerd by a 9 volt battery inside the microphone. Enjoy

Lee - N9LO

2856. Main Schematic Change

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 02:43:21 UTC
From: <disklog@...>
Topic: 2856 Message: 2856

I hope this isn't a repost but I haven't seen it before. The latest version Pro does not have a gain bias pot for the MC1350 I.F. chip. They have eliminated the pot and established bias with two surface mount resistors. I failed to note those resistor values when I had the radio open but will document them next chance I get.
This all is of little importance to those that have installed the AGC board, but it may help eliminate confusion to someone that is looking at an older version photo while modifying their radio.
Ken N2LZV

2857. Re: [X1M_QRP-Transceiver] Main Schematic Change

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 03:11:19 UTC
From: Dale Parfitt
Topic: 2856 Message: 2857

Interesting Ken. I would be interested to know at what voltage they set pin 5.

Dale W4OP

----- Original Message -----
From: disklog@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, December 12, 2013 9:43 PM
Subject: [X1M_QRP-Transceiver] Main Schematic Change

I hope this isn't a repost but I haven't seen it before. The latest version Pro does not have a gain bias pot for the MC1350 I.F. chip. They have eliminated the pot and established bias with two surface mount resistors. I failed to note those resistor values when I had the radio open but will document them next chance I get.
This all is of little importance to those that have installed the AGC board, but it may help eliminate confusion to someone that is looking at an older version photo while modifying their radio.
Ken N2LZV

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6914 - Release Date: 12/12/13

2858. Re: [X1M_QRP-Transceiver] Main Schematic Change

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 03:13:40 UTC
From: ken fest
Topic: 2856 Message: 2858

If I remember correctly, I measured it around 3.5v. But I am old and my memory is not great. I will measure it the next time I open it up.
Ken N2LZV

On Thu, 12/12/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] Main Schematic Change
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Thursday, December 12, 2013, 10:11 PM

☐

Interesting Ken. I would be
interested to know at
what voltage they set pin 5.

Dale W4OP

----- Original Message -----

From:
disklog@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Thursday,
December 12, 2013 9:43
PM
Subject:
[X1M_QRP-Transceiver] Main
Schematic Change

I hope this isn't a repost but I haven't seen
it before. The latest version
Pro does not have a gain bias pot for the MC1350 I.F.
chip. They have
eliminated the pot and established bias with two surface
mount resistors. I
failed to note those resistor values when I had the radio
open but will
document them next chance I get.
This all is of little importance to those
that have installed the AGC board, but it may help
eliminate confusion to
someone that is looking at an older version photo while
modifying their
radio.

Ken N2LZV
No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6914 - Release Date:
12/12/13

2859. Re: [X1M_QRP-Transceiver] Main Schematic Change

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 03:26:17 UTC
From: Charlie , W5COV
Topic: 2856 Message: 2859

Any chance of someone taking a picture of at least the top of the top board on this new run, and if anyone takes their rig apart to do the final transistor mod , I would certainly be interested in top and bottom pictures of both boards if possible.

Dale and I have radios from the last production run, so it would be of great use to be able to see the changes made to the components on this run.

Perhaps now that it has been shipped we can also get a current schematic of it.

Thanks ,

Charlie , W5COV

On 12/12/2013 9:13 PM, ken fest wrote:
>
> If I remember correctly, I measured it around 3.5v. But I am old and
> my memory is not great. I will measure it the next time I open it up.
> Ken N2LZV
> ---
> On Thu, 12/12/13, Dale Parfitt <parinc1@...> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] Main Schematic Change
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Thursday, December 12, 2013, 10:11 PM
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>
> Interesting Ken. I would be
> interested to know at
> what voltage they set pin 5.
>
> Dale W4OP
>
> ----- Original Message -----
>
> From:
> disklog@...
>
> To: X1M_QRP-Transceiver@yahoogroups.com
>
>
> Sent: Thursday,
> December 12, 2013 9:43
> PM
> Subject:
> [X1M_QRP-Transceiver] Main
> Schematic Change
>
>
>
> I hope this isn't a repost but I haven't seen
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> Pro does not have a gain bias pot for the MC1350 I.F.
> chip. They have
> eliminated the pot and established bias with two surface
> mount resistors. I
> failed to note those resistor values when I had the radio
> open but will
> document them next chance I get.
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> that have installed the AGC board, but it may help
> eliminate confusion to
> someone that is looking at an older version photo while
> modifying their
> radio.
> Ken N2LZV
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2860. Re: [X1M_QRP-Transceiver] Main Schematic Change

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 03:50:33 UTC
From: Dale Parfitt
Topic: 2856 Message: 2860

That sounds about right- they want to make certain the IC is running wide open. Thanks Ken,

Dale
----- Original Message -----
From: ken fest
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, December 12, 2013 10:13 PM
Subject: Re: [X1M_QRP-Transceiver] Main Schematic Change

If I remember correctly, I measured it around 3.5v. But I am old and my memory is not great. I will measure it the next time I open it up.
Ken N2LZV

On Thu, 12/12/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] Main Schematic Change
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Thursday, December 12, 2013, 10:11 PM

□

Interesting Ken. I would be
interested to know at
what voltage they set pin 5.

Dale W4OP

----- Original Message -----

From:
disklog@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Thursday,
December 12, 2013 9:43
PM
Subject:
[X1M_QRP-Transceiver] Main
Schematic Change

I hope this isn't a repost but I haven't seen
it before. The latest version
Pro does not have a gain bias pot for the MC1350 I.F.
chip. They have
eliminated the pot and established bias with two surface
mount resistors. I
failed to note those resistor values when I had the radio

open but will
document them next chance I get.
This all is of little importance to those
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Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6914 - Release Date: 12/12/13

2861. Re: [X1M_QRP-Transceiver] Main Schematic Change

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 04:01:18 UTC
From: ken fest
Topic: 2856 Message: 2861

Dale,
I have a question for you.....
You said maximum gain for the 1350 was 4.17v. Did you notice much difference in reception between the factory gain setting, and your 4.17 maximum?
Ken

On Thu, 12/12/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] Main Schematic Change
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Thursday, December 12, 2013, 10:50 PM

☐

That sounds about right-
they want to make certain
the IC is running wide open. Thanks Ken,

Dale

----- Original Message -----

From:
ken fest
To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Thursday,
December 12, 2013 10:13
PM
Subject: Re:
[X1M_QRP-Transceiver] Main
Schematic Change

If I remember correctly, I measured it around 3.5v. But
I am old and my
memory is not great. I will measure it the next time I
open it up.
Ken
N2LZV

On Thu, 12/12/13,
Dale Parfitt <parinc1@frontier.com>

wrote:

Subject: Re: [X1M_QRP-Transceiver] Main Schematic Change
To:

X1M_QRP-Transceiver@yahoogroups.com
Date:
Thursday, December 12, 2013, 10:11
PM

□

Interesting
Ken. I would be
interested to know at
what voltage they set pin
5.

Dale W4OP

----- Original Message -----

From:
disklog@...

To:
X1M_QRP-Transceiver@yahoogroups.com

Sent: Thursday,
December 12,
2013 9:43
PM
Subject:
[X1M_QRP-Transceiver] Main
Schematic
Change

I hope this isn't a repost but I haven't
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Pro does not have a gain bias pot
for the MC1350 I.F.
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eliminated the pot and established
bias with two surface
mount resistors. I
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that have installed the
AGC board, but it may help
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someone that is
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modifying their
radio.
Ken
N2LZV
No virus found in this
message.
Checked by AVG -
www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6914 - Release
Date:
12/12/13

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6914 - Release Date:
12/12/13

2862. Re: [X1M_QRP-Transceiver] Main Schematic Change

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 04:05:34 UTC
From: Dale Parfitt
Topic: 2856 Message: 2862

Max gain is anywhere from 0 volts up to the kneee in the AGC curve. This used to be at 5VDC. The 1350's being made today (offshore?) seem to top out at around 4VDC. 4.17VDC is where we normally set the AGC to start kicking in. On my receiver, that corresponded to an input signal of -90dBmV. Others may wish the AGC to cut in at a lower or higher input level.

Dale
----- Original Message -----
From: ken fest
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, December 12, 2013 11:01 PM
Subject: Re: [X1M_QRP-Transceiver] Main Schematic Change

Dale,
I have a question for you.....
You said maximum gain for the 1350 was 4.17v. Did you notice much difference in reception between the factory gain setting, and your 4.17 maximum?
Ken

On Thu, 12/12/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] Main Schematic Change
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Thursday, December 12, 2013, 10:50 PM

☐

That sounds about right-
they want to make certain
the IC is running wide open. Thanks Ken,

Dale

----- Original Message -----

From:
ken fest
To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Thursday,
December 12, 2013 10:13
PM
Subject: Re:
[X1M_QRP-Transceiver] Main
Schematic Change

If I remember correctly, I measured it around 3.5v. But
I am old and my
memory is not great. I will measure it the next time I
open it up.
Ken
N2LZV

On Thu, 12/12/13,
Dale Parfitt <parinc1@frontier.com>

wrote:

Subject: Re: [X1M_QRP-Transceiver] Main Schematic Change
To:
X1M_QRP-Transceiver@yahoogroups.com
Date:
Thursday, December 12, 2013, 10:11
PM

□

Interesting
Ken. I would be
interested to know at
what voltage they set pin
5.

Dale W4OP

----- Original Message -----

From:
disklog@...

To:
X1M_QRP-Transceiver@yahoogroups.com

Sent: Thursday,
December 12,
2013 9:43
PM
Subject:
[X1M_QRP-Transceiver] Main
Schematic
Change

I hope this isn't a repost but I haven't
seen
it before. The latest version
Pro does not have a gain bias pot
for the MC1350 I.F.
chip. They have
eliminated the pot and established
bias with two surface

mount resistors. I
failed to note those resistor
values when I had the radio
open but will
document them next chance I
get.
This all is of little importance to those
that have installed the
AGC board, but it may help
eliminate confusion to
someone that is
looking at an older version photo while
modifying their
radio.
Ken
N2LZV
No virus found in this
message.
Checked by AVG -
www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6914 - Release
Date:
12/12/13

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6914 - Release Date:
12/12/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6914 - Release Date: 12/12/13

2863. QRP Antenna Tuner kit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 04:28:49 UTC
From: <vidmantas_mickevicius@...>
Topic: 2863 Message: 2863

From China:
http://www.ebay.com/itm/New-1-30-Mhz-Manual-Antenna-Tuner-kit-for-HAM-RADIO-QRP-DIY-Kit-/131052177080?pt=US_Radio_Comm_Antennas&hash=item

LY2HT

2864. Re: [X1M_QRP-Transceiver] QRP Antenna Tuner kit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 05:12:45 UTC
From: Charlie , W5COV
Topic: 2863 Message: 2864

Looks like a really good buy and nice design. Looks like it would work well for certain common antennas .

It has been posted before. Wonder if anyone on the group already owns one and how they like it. I didn't see the weight on it. May have just missed it, but important to many portable users.

Charlie, W5COV

On 12/12/2013 10:28 PM, vidmantas_mickevicius@... wrote:
>
> From China:
>
> http://www.ebay.com/itm/New-1-30-Mhz-Manual-Antenna-Tuner-kit-for-HAM-RADIO-QRP-DIY-Kit-/131052177080?pt=US_Radio_Comm_Antennas&hash=item
> LY2HT
>

2865. Re: QRP Antenna Tuner kit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 12:52:23 UTC
From: Heath - VK3TWO / VK6TWO
Topic: 2863 Message: 2865

I have a couple of those kits. Haven't gotten round to building one yet
though.

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
VK3TWO Website <http://sites.google.com/site/actionman5/>

Thu Dec 12, 2013 8:28 pm (PST) . Posted by: vidmantas_mickevicius
<vidmantas_mickevicius@...?subject=Re%3A%20QRP%20Antenna%20Tuner%20kit>
From China:
http://www.ebay.com/itm/New-1-
30-Mhz-Manual-Antenna-Tuner-kit-for-HAM-RADIO-QRP-DIY-Kit-/131052177080?pt=US_Radio_Comm_A
ntennas&hash=item

LY2HT

<spooktech@...> <http://www.spooktech.net>

2866. Re: [X1M_QRP-Transceiver] Re: QRP Antenna Tuner kit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 14:17:52 UTC
From: Dale Parfitt
Topic: 2863 Message: 2866

From the front panel, they would appear to be pi-net with switched inductance??
Dale W4OP
----- Original Message -----
From: Heath - VK3TWO / VK6TWO
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, December 13, 2013 7:52 AM
Subject: [X1M_QRP-Transceiver] Re: QRP Antenna Tuner kit

I have a couple of those kits. Haven't gotten round to building one yet though.

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
VK3TWO Website

Thu Dec 12, 2013 8:28 pm (PST) . Posted by:
vidmantas_mickevicius
From China:
http://www.ebay.com/itm/New-1-30-Mhz-Manual-Antenna-Tuner-kit-for-HAM-RADIO-QRP-DIY-Kit-/131052177080?pt=US_Radio_Comm_Antennas&hash=item

LY2HT

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6914 - Release Date: 12/12/13

2867. Re: [X1M_QRP-Transceiver] Re: QRP Antenna Tuner kit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 14:26:02 UTC
From: Charlie , W5COV
Topic: 2863 Message: 2867

That's what it looks like to me also. I have seen a commercial QRP/SWL
version similar to it somewhere a few years back.

Charlie, W5COV

On 12/13/2013 8:17 AM, Dale Parfitt wrote:
>
> From the front panel, they would appear to be pi-net with switched
> inductance??
> Dale W4OP
>
> ----- Original Message -----
> *From:* Heath - VK3TWO / VK6TWO <mailto:vk3two@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Friday, December 13, 2013 7:52 AM
> *Subject:* [X1M_QRP-Transceiver] Re: QRP Antenna Tuner kit
>
> I have a couple of those kits. Haven't gotten round to building
> one yet though.
>
> Heath VK3TWO / VK6TWO
> MEngSc, GDipCompSc, DipEE
> VK3TWO Website <http://sites.google.com/site/actionman5/>
>
>
> Thu Dec 12, 2013 8:28 pm (PST) . Posted by:
>
>
> vidmantas_mickevicius
> <mailto:vidmantas_mickevicius@...?subject=Re%3A%20QRP%20Antenna%20Tuner%20kit>
>
> From China:
> http://www.ebay.com/itm/New-1-
> 30-Mhz-Manual-Antenna-Tuner-kit-for-HAM-RADIO-QRP-DIY-Kit-/131052177080?pt=US_Radio_Comm
_Antennas&hash=item
>
>
> LY2HT
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6914 - Release Date:
> 12/12/13
>

>

2868. Re: [X1M_QRP-Transceiver] QRP Antenna Tuner kit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 14:36:15 UTC
From: Bastress, David G
Topic: 2863 Message: 2868

To The Authors on the new manual:

Thanks gang, very nice work!

I do have a suggestion though. On page 8 you have a partial shot of the top board and you have a section entitled "Setting the Side tone". In step 4 you talk about the "left hand trim pot" adjusting the side tone level.

There is no mention of what the right hand pot does anywhere that I saw. (Maybe I missed it) It should also be mentioned somewhere as it adjusts the microphone level and may need to be adjusted from time to time.

Also (it would be nice but not absolutely necessary) how about adding arrows to the pots in question and labeling them. There is an earlier picture on the site somewhere where that was done but it is for an earlier version of the board.

Again gang, thanks for the excellent work. :-)

Dave K3GAU

On Fri, Dec 13, 2013 at 12:12 AM, Charlie , W5COV <cvest@...> wrote:

>
>
> Looks like a really good buy and nice design. Looks like it would work
> well for certain common antennas .
>
> It has been posted before. Wonder if anyone on the group already owns one
> and how they like it. I didn't see the weight on it. May have just missed
> it, but important to many portable users.
>
> Charlie, W5COV
>
> On 12/12/2013 10:28 PM, vidmantas_mickevicius@... wrote:
>
>
>
> From China:
>
> http://www.ebay.com/itm/New-1-30-Mhz-Manual-Antenna-Tuner-kit-for-HAM-RADIO-QRP-DIY-Kit-/131052177080?pt=US_Radio_Comm_Antennas&hash=item
> LY2HT
>
>
>
>

2869. RE: [X1M_QRP-Transceiver] Re: QRP Antenna Tuner kit

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 15:04:10 UTC
From: Lee
Topic: 2863 Message: 2869
Attachments: 1 described; binary payloads are missing from this source WARC

I have not built it yet but attached is the manual.

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Friday, December 13, 2013 8:18 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Re: QRP Antenna Tuner kit

From the front panel, they would appear to be pi-net with switched
inductance??

Dale W4OP

----- Original Message -----

From: Heath - VK3TWO / VK6TWO <mailto:vk3two@...>

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday, December 13, 2013 7:52 AM

Subject: [X1M_QRP-Transceiver] Re: QRP Antenna Tuner kit

I have a couple of those kits. Haven't gotten round to building one yet
though.

Heath VK3TWO / VK6TWO
MEngSc, GDipCompSc, DipEE
VK3TWO Website <http://sites.google.com/site/actionman5/>

Thu Dec 12, 2013 8:28 pm (PST) . Posted by:

<mailto:vidmantas_mickevicius@...?subject=Re%3A%20QRP%20Antenna%20Tune
r%20kit> vidmantas_mickevicius

From China:
http://www.ebay.com/itm/New-1-

30-Mhz-Manual-Antenna-Tuner-kit-for-HAM-RADIO-QRP-DIY-Kit-/131052177080?pt=U
S_Radio_Comm_Antennas&hash=item

LY2HT

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6914 - Release Date: 12/12/13

2870. Front Faceplate Panel (not display)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 15:46:32 UTC
From: <ed@...>
Topic: 2870 Message: 2870

As some of you know, the factory misspelled "Transceiver" on the front of this latest batch of radios. The factory is sending corrected faceplates panels to me sometime soon. When they arrive, I will forward one to each customer that has a misprinted one. The rear panel has "Headphone" misspelled. (I don't know why they changed that from SPK) I'm not asking them to replace these so I hope everyone can live with it.

Also, I would appreciate any good reviews you would like to post on the various equipment review sites, like eham and QRZ. If you can't give it a good review, forget that I asked ;-)

73
Ed
Import Communications

2871. RE: [X1M_QRP-Transceiver] Front Faceplate Panel (not display)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 16:38:31 UTC
From: Fred VE3FAL
Topic: 2870 Message: 2871

http://www.eham.net/reviews/review/123801

I know there a few started but thought I would add one as well…

Fred

VE3FAL

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ed@...
Sent: December 13, 2013 10:47 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Front Faceplate Panel (not display)

As some of you know, the factory misspelled "Transceiver" on the front of this latest batch of radios. The factory is sending corrected faceplates panels to me sometime soon. When they arrive, I will forward one to each customer that has a misprinted one. The rear panel has "Headphone" misspelled. (I don't know why they changed that from SPK) I'm not asking them to replace these so I hope everyone can live with it.

Also, I would appreciate any good reviews you would like to post on the various equipment review sites, like eham and QRZ. If you can't give it a good review, forget that I asked ;-)

73
Ed
Import Communications

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2872. RE: QRP Antenna Tuner kit and more on possible 9mc IF leakage

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 17:26:21 UTC
From: <pal350@...>
Topic: 2863 Message: 2872

That tuner uses N7VE's well-known LED SWR circuit. In the TUNE position an absorptive bridge is used which presents 50-ohm load to your radio while also matching the xmitter to the antenna, which forms another leg of the bridge. Another bridge leg, the LED, is tuned for minimum brightess. Very slick.

I built the original Mahattan-style NORCAL BLT (Balanced Line Tuner) years ago and take it everywhere. At that time you had to solder the box together yourself out of copper-clad board and glue down the component pads, but the design has been updated since:

http://www.qrpkits.com/blt_plus.html

Pros of the BLT are that it has a more sophisticated output arrangement that allows matching more impedances. The original BLT required me to add parts to tune both balanced and unbalanced lines, but the new version includes those parts.

Cons: neither BLT version will handle 80m. I found mine will in SOME cases.

I wonder if that Chinese version will really handle freeks below 40m.

~*~

On the spurious tone business, it looks like what I'm seeing is at least partly antenna and propo-related. The tone is present across the HF band only when the Sun is down, and is much stronger on the 40m dipole and B&W broadband AC-1.8-30 end-fed inverted vee. The former has a balun and the latter a matching network. The 20m and 80m dipoles, which both have baluns, seem to be much less affected.

The tone goes away when any antenna is disconnected.
The tone is the same frequency as the one you get when you tune directly to 9.000.000 MHz and whatever mode.
Hooking up the BLT between the X1M and the 40m antenna knocks out the tone almost completely.

So the X1M RX is clearly responding somehow to a signal making its way into the set. Speculation: that mechanism could be the mixing product (9Mhz plus or minus incoming signal) in the set leaking up the antenna, then bouncing back to get re-demodulated leaving a single audio tone product that's present everywhere.

Stuff like that has happened before. I seem to remember the Navy had trouble with their R-1051 receivers. Signals from nearby high-power transmitters would rattle around in the R-1051 front end inductors and get re-radiated, causing havoc.

Another thing to check here is if there's a really strong BC station right around 9 MHz. Also, 7 MHz is my closest antenna to 9 MHz, and the B&W is very broadband by design.

This is what makes this hobby interesting...in the Chinese sense, that is.

--Mark
KI0PF

2873. Re: [X1M_QRP-Transceiver] Front Faceplate Panel (not display)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 17:32:28 UTC
From: ken fest
Topic: 2870 Message: 2873

Thanks Ed. I can use a corrected front faceplate.
Ken N2LZV

On Fri, 12/13/13, ed@... <ed@...> wrote:

Subject: [X1M_QRP-Transceiver] Front Faceplate Panel (not display)
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 13, 2013, 10:46 AM

As some of you know, the factory misspelled
"Transceiver" on the front of this latest batch of
radios. The factory is sending corrected faceplates
panels to me sometime soon. When they arrive, I will
forward one to each customer that has a misprinted
one. The rear panel has "Headphone"
misspelled. (I don't know why they changed that
from SPK) I'm not asking them to replace
these so I hope everyone can live with it.

Also, I would appreciate any good reviews you would like to
post on the various equipment review sites, like eham and
QRZ. If you can't give it a good review, forget
that I asked ;-)

73
Ed
Import Communications

2874. RE: Membership

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 17:37:20 UTC
From: <deadgoose@...>
Topic: 2829 Message: 2874

I tried to delete come files, as we have a revised User's Guide. They still show on the file list...

73 /paul W3FIS

2875. Spectrum Photos Uploaded

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 18:24:41 UTC
From: Tim
Topic: 2841 Message: 2875

Hi Folks,

I plugged my X1M into my HP 8924C service monitor last night, and took some pictures of different things.

I have uploaded them into the 'PHOTOS' area.

Here's what they are, with a little additional information:

BTW, The center of the display is the desired frequency. Anything else displayed is either a harmonic, or some other trash in the signal.

1. *18_3_KEYDOWN* - This is a CW keydown while the frequency is 18.3 mHz. Undesired signals only 30dB down from the fundamental.

2. *7_3_SSB_NO_AUDIO* - As it says, 7.3mHz, LSB, with Keydown, and no audio. Really bad stuff there! (only the right hand spur)

3. *18_2_SSB_NO_AUDIO* - Similar to #2, but at 18.2mHz.

4. *18_3_KeyUP* - This picture is what you see after you let up on the key, before it comes back to receive. Note large out of band spurs. This is typical of what you see when tuned to an *out of spec frequency* after keyup.

5. *10_0_KEYDOWN* - This is CW keydown with the VFO at 10.0 mhz. Note all of the 'bad' stuff. _DO NOT USE ON 30 METERS_!!!!

6. *6_99_KEYDOWN* - Also a 40 meter version of #5. Don't use out of band! (on the PRO, without any firmware mods, this is what you will see above 7.15 & 3.899).

7. *18_2_SSB WHISTLE* - SSB Whistling into the microphone. The large signal is the desired one.

Now, having published this, I need to emphasize that the X1M's spectrum looks very nice within the published frequency limits.
This in no ways diminishes the nice design that the Chinese group did.
It just gives you a little more information of how much you can push the limits of the box with the integrated bandpass and low pass filtering.

YMMV! :-)

Tim W5FN

2876. Eham review and a question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 19:04:43 UTC
From: <disklog@...>
Topic: 2876 Message: 2876

Today I added my review to the others on Eham but I don't see it. Maybe it will appear later??

Also, one review mentions adding a heatsink onto the AD9351 chip. Is this addition still necessary? I believe that review was for the earlier model.
Ken

2877. Re: [X1M_QRP-Transceiver] Eham review and a question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 19:57:12 UTC
From: Charlie , W5COV
Topic: 2876 Message: 2877

Ken, I saw that some people were adding a penny to the top of the AD9351, when I first ordered my radio. It runs within the limits specified in the datasheet. I have never experienced any stability problems with my radio cover on or cover off.I have run for an entire weekend copying a narrow mode QRSS60 and had no problems at all.

I don't know there ever was an actual problem. If there was it must have been in the kit version because I have put continuous days of operation on both an original X1M and an X1M PRO from the last shipment and have not experienced any heat or other issues from continuous operation.

If anything runs a bit warmer than projects that I have built, it is the 9 volt regulator, but not enough to cause any problems.

Just my own personal experience. Others may indeed be able to explain putting the penny on it for a heat sink.

Charlie, W5COV

On 12/13/2013 1:04 PM, disklog@... wrote:
>
> Today I added my review to the others on Eham but I don't see it.
> Maybe it will appear later??
>
> Also, one review mentions adding a heatsink onto the AD9351 chip. Is
> this addition still necessary? I believe that review was for the
> earlier model.
> Ken
>
>

2878. Receiver test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 20:19:21 UTC
From: Tim
Topic: 2841 Message: 2878

Since I had the analyzer/sig gen out, I thought I would dig a bit deeper into the 'noise' that we all seem to hear whenever operating out of band.

I set the signal generator at 9mHz, and when operating out of band (any non-specified frequency), the signal went right through the box, and out the speakers!

So, the noise that we are hearing is because of signals in the 9mHz range.

I think that a 9mHz notch in the receive line may help - might play with that a bit later this weekend.

FYI

Tim W5FN

2879. Re: [X1M_QRP-Transceiver] Eham review and a question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 21:39:13 UTC
From: Stephen Farthing
Topic: 2876 Message: 2879

Charlie,

I am lead to believe,though not through personal experience that a heatsink might help improve stability.... See the last paragraph of this interesting read
http://www.knology.net/~gmarcus/WSPR/Aruino%20Mega%20AD9851%20v3.pdf

I suspect that the heat generated by the DDS is affecting the frequency of the crystal oscillator which determins the frequency of the DDS. However as i do not have my XM1 yet I cant test this. One way of compensating for this is by using a correction factor in firmware but i suspect this would be different for each radio. It would be interesting if anyone with the right test gear could measure the ddrift over time with, and without a heatsink. And with some thermal barrier in the way...

73 Steve g0XAR

On Friday, 13 December 2013, Charlie , W5COV wrote:

>
>
> Ken, I saw that some people were adding a penny to the top of the AD9351,
> when I first ordered my radio. It runs within the limits specified in the
> datasheet. I have never experienced any stability problems with my radio
> cover on or cover off.I have run for an entire weekend copying a narrow
> mode QRSS60 and had no problems at all.
>
> I don't know there ever was an actual problem. If there was it must have
> been in the kit version because I have put continuous days of operation on
> both an original X1M and an X1M PRO from the last shipment and have not
> experienced any heat or other issues from continuous operation.
>
> If anything runs a bit warmer than projects that I have built, it is the 9
> volt regulator, but not enough to cause any problems.
>
> Just my own personal experience. Others may indeed be able to explain
> putting the penny on it for a heat sink.
>
> Charlie, W5COV
>
>
> On 12/13/2013 1:04 PM, disklog@... <javascript:_e({}, 'cvml',
> 'disklog@yahoo.com');> wrote:
>
>
>

> Today I added my review to the others on Eham but I don't see it. Maybe it
> will appear later??
>
> Also, one review mentions adding a heatsink onto the AD9351 chip. Is this
> addition still necessary? I believe that review was for the earlier model.
> Ken
>
>
>
>

2880. Re: Front Faceplate Panel (not display)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 21:48:45 UTC
From: Paul Ross
Topic: 2870 Message: 2880

likewise!

73 paul W3FIS

2881. 10 METER CONTEST STARTS IN 3 HOURS !!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 21:56:35 UTC
From: Charlie , W5COV
Topic: 2881 Message: 2881

FIRE UP YOUR X1M's on 10 METERS !! The ARRL contest starts in just 3 hours and lasts for 48 hours, so look forward to working many of you !!

Charlie , W5COV

2882. RE: Front Faceplate Panel (not display)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 22:12:16 UTC
From: <marcus.ward@...>
Topic: 2870 Message: 2882

Hilarious, I didn't even notice! I'll take a new one if you're sending them out.

2883. 9mHz Receive Trap

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-13 22:27:45 UTC
From: Tim
Topic: 2863 Message: 2883

I did some snooping in the schematics, and found a place to insert the trap that is really extremely easy to do!

The trap is placed on the jumper board that goes between the top and bottom boards.

1. Remove the front panel carefully (actually, only the top 2 connectors need to be disconnected).

2. Separate the top board from the bottom.

3. Take out the jumper board from the back of the radio near the Antenna connector.
NOTE THE ORIENTATION - MAKE A DOT ON THE OUTSIDE EDGE.
If you insert it incorrectly, the radio won't work, and it'll draw about 1.75 Amps.
(ask me how I know) :-o

4. Looking at the two pictures, cut the traces on BOTH sides of the board. I use an XACTO knife.

5. On the side of the board that has the connectors soldered (the component side of the board),
Scrape some of the solder mask from both sides of the cut (you will be soldering some parts
to the bare copper).

6. Get a 3.9uH inductor and a 100pF capacitor, and place them in parallel across the cut on the PCB.

7. Re-assemble the radio (noting the position of the connector. Don't forget about the 5 pin connector
in the middle of the board when you place the boards together. Be careful of the 2 connectors on the
display board as you bring the boards together. Make sure all pins are aligned.

That's all there is to it.

Now, the amount of 9mHz signal needed to be heard by the radio has been attenuated by quite a lot.
You should not hear the 'roar' with the preamp on in the non-spec'd portions of the spectrum. (outside of
the 5 ham bands).

I did not notice any significant attenuation of any received frequencies, even in the 10mHz band. You should
however notice some attenuation at 9mHz!!

If you ever want to restore the unit back to the way it was, merely remove the components, and place a jumper
across the cuts on both sides of the board.

NOTE: This modification will probably void your warranty. Also, it does nothing to mitigate the spurs/noise in the
non-specified transmit frequencies (outside of the 5 bands).

I noted no reduction in power on any band with this modification.

YMMV

Tim W5FN

2884. Operating Voltage

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-14 02:45:55 UTC
From: <disklog@...>
Topic: 2884 Message: 2884

I have read reviews that mention poor or no operation below 11.6 volts.
I did some tests with my latest version Pro and my radio works well from 9.6 volts up to the highest I wanted to test at 14.0 volts.
The receiver seems to work fine anywhere in that range, the transmitter power output drops in sync with the reducing voltage.
This is useful to know for portable battery operation, and if one wishes to reduce power to safely drive an amp, all that needs to be done is reduce the supply voltage to the desired drive level. A cheap and dirty way to reduce voltage is a string of 3 amp diodes in series. One can jump (or not jump) whatever number of diodes to obtain the desired voltage output.
Ken N2LZV

2885. Re: [X1M_QRP-Transceiver] Eham review and a question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-14 02:46:27 UTC
From: Charlie , W5COV
Topic: 2876 Message: 2885

Stephen,

THANK YOU !! I have read many articles on this design. However this particular one provides some information I had been looking for , but hadn't found.

I guess I too will see about adding a heatsink for the AD9851. I have the perfect material to make one out of.

Charlie

On 12/13/2013 3:39 PM, Stephen Farthing wrote:
>
> Charlie,
>
>
> I am lead to believe,though not through personal experience that a
> heatsink might help improve stability.... See the last paragraph of
> this interesting read
> http://www.knology.net/~gmarcus/WSPR/Aruino%20Mega%20AD9851%20v3.pdf
> <http://www.knology.net/%7Egmarcus/WSPR/Aruino%20Mega%20AD9851%20v3.pdf>
>
> I suspect that the heat generated by the DDS is affecting the
> frequency of the crystal oscillator which determins the frequency of
> the DDS. However as i do not have my XM1 yet I cant test this. One way
> of compensating for this is by using a correction factor in firmware
> but i suspect this would be different for each radio. It would be
> interesting if anyone with the right test gear could measure the
> ddrift over time with, and without a heatsink. And with some thermal
> barrier in the way...
>
> 73 Steve g0XAR
>
>
>
> On Friday, 13 December 2013, Charlie , W5COV wrote:
>
> Ken, I saw that some people were adding a penny to the top of the
> AD9351, when I first ordered my radio. It runs within the limits
> specified in the datasheet. I have never experienced any stability
> problems with my radio cover on or cover off.I have run for an
> entire weekend copying a narrow mode QRSS60 and had no problems at
> all.
>
> I don't know there ever was an actual problem. If there was it
> must have been in the kit version because I have put continuous

> days of operation on both an original X1M and an X1M PRO from the
> last shipment and have not experienced any heat or other issues
> from continuous operation.
>
> If anything runs a bit warmer than projects that I have built, it
> is the 9 volt regulator, but not enough to cause any problems.
>
> Just my own personal experience. Others may indeed be able to
> explain putting the penny on it for a heat sink.
>
> Charlie, W5COV
>
>
> On 12/13/2013 1:04 PM, disklog@... wrote:
>>
>> Today I added my review to the others on Eham but I don't see it.
>> Maybe it will appear later??
>>
>> Also, one review mentions adding a heatsink onto the AD9351 chip.
>> Is this addition still necessary? I believe that review was for
>> the earlier model.
>> Ken
>>
>
>

2886. Suggestion on filter selection

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-14 03:01:19 UTC
From: <pal350@...>
Topic: 2886 Message: 2886

Thanks to Tim for the 9 MHz trap fix.

I was thinking something else to try would be to mod the firmware to
cut in the closest low pass filters depending on wherever you are. This
assumes the low pass filters are truely low pass and will pass anything
below the F0.

3.9 MHz cutoff filter
selected 100 KHz - 4.000.000 MHz
(If it really is sharp enough to start cutting off at 3.900 MHz, then
developers should think about tweaking it for an F0 of 4.000 MHz)

7.15 MHz cutoff filter
selected 4.000.001 - 7.300.000 MHz
(If it really is sharp enough to start cutting off at 7.150 MHz, the
developers should think about tweaking it for an F0 of 7.300 MHz)

14.4 MHz cutoff filter
selected 7.301.000 - 14.400.000 MHz

21.45 MHz cutoff filter
selected 14.450.001 - 21.450.000 MHz
(20m actually goes to 14.350 fo us)

29.7 MHz cutoff filter
selected 21..450.001 - 29.700.000 MHz
or 21..450.001 - 30.000.000 if the filter isn't so sharp it cuts into
that last 300 KHz.

Charlie, this should not take additional extra PROM space because only the filter selection frequency values will change. This would not affect current filter functionality for the ham bands, and may or may not help transmit filtering outside them. It also may or may not help the 9 MHz "bleed-in" situation in receive mode.

--Mark
KI0PF

2887. Re: [X1M_QRP-Transceiver] Eham review and a question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-14 03:33:31 UTC
From: Tim
Topic: 2876 Message: 2887

Hi Charlie,

I've felt of both the 9850 & the 9851 in my unit, and while not cool,
they don't run hot either...

Now, the 9v regulator is a different story!! :-o

Tim W5FN
>
>
> Stephen,
>
> THANK YOU !! I have read many articles on this design. However this
> particular one provides some information I had been looking for , but
> hadn't found.
>
> I guess I too will see about adding a heatsink for the AD9851. I have
> the perfect material to make one out of.
>
> Charlie
>

2888. RE: Operating Voltage

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-14 03:40:30 UTC
From: <lphebus@...>
Topic: 2884 Message: 2888

Thanks Ken, good advice I might get a chance to apply. --Lee

2889. Re: [X1M_QRP-Transceiver] Suggestion on filter selection

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-14 03:40:22 UTC
From: Tim
Topic: 2886 Message: 2889

Hi Mark,

Now that it's a bit later in the evening, it seems that the filter might need a couple of more poles!!

Certainly the LC helps, but it could be better - Back to the drawing board, but there
seems to be a good amount of space to work with on the extender board.

More later in the weekend.

Tim W5FN

>
>
> Thanks to Tim for the 9 MHz trap fix.
>
> I was thinking something else to try would be to mod the firmware to
> cut in the closest low pass filters depending on wherever you are. This
> assumes the low pass filters are truely low pass and will pass anything
> below the F0.
>
> 3.9 MHz cutoff filter
> selected 100 KHz - 4.000.000 MHz
> (If it really is sharp enough to start cutting off at 3.900 MHz, then
> developers should think about tweaking it for an F0 of 4.000 MHz)
>
> 7.15 MHz cutoff filter
> selected 4.000.001 - 7.300.000 MHz
> (If it really is sharp enough to start cutting off at 7.150 MHz, the
> developers should think about tweaking it for an F0 of 7.300 MHz)
>
> 14.4 MHz cutoff filter
> selected 7.301.000 - 14.400.000 MHz
>
> 21.45 MHz cutoff filter
> selected 14.450.001 - 21.450.000 MHz
> (20m actually goes to 14.350 fo us)
>
> 29.7 MHz cutoff filter
> selected 21..450.001 - 29.700.000 MHz
> or 21..450.001 - 30.000.000 if the filter isn't so sharp it cuts into
> that last 300 KHz.
>
> Charlie, this should not take additional extra PROM space because only
> the filter selection frequency values will change. This would not

> affect current filter functionality for the ham bands, and may or may
> not help transmit filtering outside them. It also may or may not help
> the 9 MHz "bleed-in" situation in receive mode.
>
> --Mark
> KI0PF
>
>

2890. Re: [X1M_QRP-Transceiver] Eham review and a question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-14 03:48:48 UTC
From: <lphebus@...>
Topic: 2876 Message: 2890

How woud you attach the heat sink? I see references to epoxy... I am used to heat sink compound, but something has to support the physical attachment. In most of my projects, this is a screw.

2891. Re: [X1M_QRP-Transceiver] RE: Operating Voltage

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-14 03:51:06 UTC
From: Charlie , W5COV
Topic: 2884 Message: 2891

It is great to see so many people getting involved and offering suggestions.

I feel like many times I post far too often on here.

The little radio is a true labor of love for me , but we all have different views of it and bring different ideas and skills to the table. So when we put our ideas together, we all benefit from it in the end.

THANKS GUYS !! Hope to hear from even more people with ideas and suggestions. I am like everyone else , just a user of this radio, but I fell in love with the little gal :)

Charlie , W5COV

On 12/13/2013 9:40 PM, lphebus@... wrote:
>
> Thanks Ken, good advice I might get a chance to apply. --Lee
>
>

2892. Re: [X1M_QRP-Transceiver] Eham review and a question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-14 03:56:26 UTC
From: Charlie , W5COV
Topic: 2876 Message: 2892

Lee on this particular area , I have seen it carved into a piece of styrofoam, a rubber band , epoxy, super glue, you name it I think someone has used it to fashion some type of temperature control device.

As Tim also notes the 9 volt regulator I would think would have some type of heat sink. It does get hot !!

Charlie, W5COV

On 12/13/2013 9:48 PM, lphebus@... wrote:
>
> How woud you attach the heat sink? I see references to epoxy... I am
> used to heat sink compound, but something has to support the physical
> attachment. In most of my projects, this is a screw.
>
>

2893. 10M Contest

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-14 15:41:16 UTC
From: Dale Parfitt
Topic: 2893 Message: 2893

The band is wide open to Europe and Africa. I'm working CW and QSOing virtually every station I call.

Dale W4OP

2894. Quick Thank You!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-14 17:56:31 UTC
From: rickmac06@frontier.com
Topic: 2894 Message: 2894

Just want to take a moment to thank the very helpful and friendly folks of the X1M User Group. It is wonderful to see a group of guys getting their heads together to find ways of making our little rigs even better. The AGC mod was a lifesaver as was as the help I received with regards to interfacing for PSK31. Big thanks to all! Merry Christmas, Rick.

2895. RE: Quick Thank You!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-14 19:18:08 UTC
From: <deadgoose@...>
Topic: 2894 Message: 2895

Thank you!

Frankly, the X1M is MUCH easier to use than my FT-817ND, which has been the "workhorse" QRP and digital radio up to this point

73 /paul W3FIS

2896. Re: 10M Contest

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-14 19:24:40 UTC
From: rickmac06@frontier.com
Topic: 2893 Message: 2896

Been having great success SSB on 10Meters. Been getting through on every call. This is fun!!!

2897. Re: [X1M_QRP-Transceiver] RE: Quick Thank You!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-14 20:04:16 UTC
From: Dale Parfitt
Topic: 2894 Message: 2897

Is anyone else using their X1M on CW?
Menu setting should be:
BFO =IF Offset
CW Tone= whatever tone you like listening to from the other station
When tuning a station, ALWAYS tune them from below zerobeat, not above.

Dale W4OP
----- Original Message -----
From: deadgoose@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, December 14, 2013 2:18 PM
Subject: [X1M_QRP-Transceiver] RE: Quick Thank You!

Thank you!

Frankly, the X1M is MUCH easier to use than my FT-817ND, which has been the "workhorse" QRP and digital radio up to this point

73 /paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6920 - Release Date: 12/14/13

2898. RE: Quick Thank You!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-14 22:00:42 UTC
From: <deadgoose@...>
Topic: 2894 Message: 2898

I'd be please to address the CW issue in the User's Guide if somebody would write up a SIMPLE explanation of what to do/not to do. Two-three paragraphs, at most.

Is Dale's material in the prior message sufficient?

I think the problem that I have is that if I can hear them, and they are calling me, they can work me. We have been spoiled by DDS systems that allow us to zero beat the incoming signal...

ALSO, do we REALLY need three (potentially confusing) discussions on system alignment?? I'd love to cut it down to one. Generally, in a teaching situation, having more than ONE explanation (no matter how good the others are) simply serves to confuse the new user. Which ONE should we keep??

Inquiring minds want to know... <grin>

Remember, a camel is a mouse developed by a committee...

73 /paul W3FIS

2899. RE: Quick Thank You!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-15 00:59:08 UTC
From: <deadgoose@...>
Topic: 2894 Message: 2899

Dale provided me with some text for CW problem. New version of User's Guide has been uploaded. Can't seem to get rid of older stuff, however.

73 /paul W3FIS

2900. OT: Self web page design

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-15 06:44:51 UTC
From: Charlie , W5COV
Topic: 2900 Message: 2900

THIS IS OFF TOPIC SO PLEASE DELETE , IF YOU WISH.

Topic : Web Page Design

I am 60 years old and unfortunately have suffered a brain injury, along with other medical issues, and regularly take a narcotic pain medication.

I have absolute complete holes in my memory related to computer and electronics knowledge that I once was highly proficient in. I also have short term memory issues, at times quite severe.

At one time I had several web pages that I wrote and maintained and would like to once again have at least one web page . However I am in need of some information on what is the best "guide" out there to allow me to build my own page once again. I still have pieces of memory intact, that I do remember a lot of HTML programming and the use of the commands. My big loss is actually on getting started and the index page. It might be "possible" for me to continue to expand and add pages to it as I need.

It will be radio and electronics related. I still do a lot of design and building of prototypes and "one offs" of projects mainly for the frequencies below 2MHz. I would like to share some of these projects with others. Also some "accessories" that could be used with the X1M and other QRP radios and equipment.

Also I want to include at least one page for my tiny labor of love radio , the X1M. Some thoughts, ideas, hints and kinks, and some general discussions that aren't a good fit for this group, until they are advanced and polished up some more.

I am on a fixed income and don't have a lot of spare money to hire someone to do a page for me, plus I would like to be able to once again do it myself.

Also perhaps a little later down the line, a person or link to becoming proficient with ExpressPCB in a step by step manner, to design and offer boards for some of my projects, that I think others might find of interest.

I do all of my projects on perf board and use point to point wiring, but many people want a board, and it does make it much easier for everyone, especially beginners and newbies.

Any information will be greatly appreciated. Please feel free to contact me off list at my regular e-mail address: cvestATcox.net

Thank you,

Charlie , W5COV

2901. RE: OT: Self web page design

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-15 08:56:25 UTC
From: <squirrox@...>
Topic: 2900 Message: 2901

Charlie,

You really don't need to know HTML any more to make a nice website...there are quite a few free services which have pre designed templates....

Take a look at :-

http://www.wix.com

http://www.weebly.com

or google "free website builder"

Also Google havs something as well.

A lot of PCB design tools are free, some do stripboard and plug in breadboard as well. Check out :-

www.fritzing.org

http://www.cadsoftusa.com (eagle) Jeremy Blum has some excellent tutorials on UTube...

http://www.designspark.com/eng/page/designspark-pcb-home-page

I think the thing it to choose one and stick to it. They all have pros and cons...

73s Steve G0XAR

2902. 10 METER CONTEST

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-16 06:41:04 UTC
From: Charlie , W5COV
Topic: 2852 Message: 2902

Just curious how many people were on for the contest and how everyone did.

I have been reading some posts on other groups and it appears that there was a LOT of activity !!

Some nice totals posted by the serious QRP guys. Everyone in the states that I have read so far, said European contacts were plentiful.

You NEVER know if your state is going to be the one that ends up being the one most needed by people trying for a clean sweep of states or sections. Last month it was Arkansas. This contest, it appear that South Carolina, was the state most people ended up being short of contacts with .

These contests can make you like a DX pile up, if you happen to be one of the top states everyone is looking for. I wish they would publish a summary of the top 5 or even 10 least worked states/sections for each contest.

I can't pull the long hours like I used to for contests , and these days I mainly do hunt and pounce, since I reset my log to zero. I haven't made a full force contest effort for a few years now, but I still try to operate and give out a few points and try to add a few stations that I need as I slowly, VERY SLOWLY work my way back to WAS, DXCC,etc., on different modes on all of the bands, 160 through 432 .

I live in Oklahoma, but I am just about 1/2 mile south of the Kansas state line. Always a tough call for me to decide which state to operate from. The radio club that I belong to owns it own building on top of the highest hill in the immediate area , with a club station, that is always available to members. It is located in Kansas.

I did see a report from one of the "REALLY BIG GUNS", that had an Alpha amplifier and a SteppIR at 75 feet, can't remember how many elements, but it was one of their bigger antennas.(I can't even go to a page to look at their most basic antenna, I am afraid that there would be a charge for that also :) He ended up needing S.C. too !! However he had exactly 100 countries, so if he didn't already have it, he got DXCC on 10 meters in one weekend !!

So even the BIG GUNS would have been VERY happy to have heard an X1M from S.C. !!

I think there is a 160 meter contest coming up again in January. Might give you plenty of time to think about and get on 160 for it. I will likely run a lot of QRO at 100 watts during that one, since I need LOTS of states,etc. on that band and that is getting right on through the winter, where I have the best chance of adding some of them.

Keep those X1M's on and lets show everyone what they will do !!!

Charlie, W5COV

2903. Re: 10 METER CONTEST

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-16 22:29:06 UTC
From: rickmac06@frontier.com
Topic: 2852 Message: 2903

Hi Charlie,

I worked 10 stations in just a few minutes. The band was open pretty good here in Southern IL. The X1M did a great job using my G5RV (Inverted-V) antenna and no amp. Got most stations on the first call. Had to work a couple of pileups but had no problem. I'm not a contester just wanted to see how the little rig would do on 10m in a contest situation. How about you, what was your experience?
Regards, Rick.

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> Just curious how many people were on for the contest and how everyone did.
>

2904. Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 03:51:37 UTC
From: mikejmardis@...
Topic: 2767 Message: 2904

Sorry for the delay. I have the newly shipped radio. I'm sure I need to run the update, but I too am having the clipping issue with CW.
Mike
N1SPZ

Sent from my iPhone

> On Dec 10, 2013, at 14:27, mikejmardis@... wrote:
>
> I got my radio yesterday. I'll test it when I get home and let you know if I'm having the same issue with CW
>
> Sent from my iPhone
>
>> On Dec 10, 2013, at 14:08, <pal350@...> wrote:
>>
>>
>> The way I set it up:
>>
>>
>>
>> IF offset = 8999554
>> CW BFO = 8998753
>>
>> CW is 801 Hz under IF. This gives an 800 Hz tone in USB on the test receiver.
>>
>> Tried setting CW = IF. That requires me to tune down 800 Hz in USB on the test receiver to
>> get an 800 Hz tone.
>>
>> Symptom persists. I don't think this has anything to do with how the CW BFO is set up.
>> I don't use CW a lot, but when I do it's usually with mil surplus friends who are using radios
>> that derive CW by injecting a tone into their xmitter's balanced modulator. When I say "meet on
>> 7125", both of us tune to 7125.000 indicated and have at it. Usually our radios don't have a
>> separate CW mode switch setting - we just connect a key in USB mode. When the key is operated,
>> the radio injects an 800 Hz tone into the balanced modulator and that's what the guy on the other
>> end hears. No messing with RIT at either end, no chasing tails. That's why I set up my CW per the
>>

>> top parameters.
>>
>>
>> But here it doesn't matter how I set up CW, off-set or down the center of the IF...still getting that
>> first character element cut off.
>>
>>
>>
>> --Mark
>> KI0PF
>
>

2905. Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 03:57:33 UTC
From: Dale Parfitt
Topic: 2767 Message: 2905

Unless you load the latest firmware, the first bit of the first element sent will be on the RX frequency and sound like a clipped character on the TX freq.

Dale W4OP

----- Original Message -----
From: mikejmardis@aol.com
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 16, 2013 10:51 PM
Subject: Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Sorry for the delay. I have the newly shipped radio. I'm sure I need to run the update, but I too am having the clipping issue with CW.
Mike
N1SPZ

Sent from my iPhone

On Dec 10, 2013, at 14:27, mikejmardis@... wrote:

I got my radio yesterday. I'll test it when I get home and let you know if I'm having the same issue with CW

Sent from my iPhone

On Dec 10, 2013, at 14:08, <pal350@...> wrote:

The way I set it up:

IF offset = 8999554
CW BFO = 8998753

CW is 801 Hz under IF. This gives an 800 Hz tone in USB on the test receiver.

Tried setting CW = IF. That requires me to tune down 800 Hz in USB on the test receiver to get an 800 Hz tone.

Symptom persists. I don't think this has anything to do with how the CW BFO is set up.
I don't use CW a lot, but when I do it's usually with mil surplus friends who are using radios
that derive CW by injecting a tone into their xmitter's balanced modulator. When I say "meet on
7125", both of us tune to 7125.000 indicated and have at it. Usually our radios don't have a
separate CW mode switch setting - we just connect a key in USB mode. When the key is operated,

the radio injects an 800 Hz tone into the balanced modulator and that's what the guy on the other
end hears. No messing with RIT at either end, no chasing tails. That's why I set up my CW per the

top parameters.

But here it doesn't matter how I set up CW, off-set or down the center of the IF...still getting that
first character element cut off.

--Mark
KI0PF

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6925 - Release Date: 12/16/13

2906. Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 04:02:42 UTC
From: mikejmardis@...
Topic: 2767 Message: 2906

Thanks Dale! I haven't done anything with the radio yet. I was asked by someone to see if it did indeed do it on mine.
I'm waiting for permission from the boss to have time to get the radio up to speed.

Sent from my iPhone

> On Dec 16, 2013, at 22:57, "Dale Parfitt" <parinc1@...> wrote:
>
> □
>
> Unless you load the latest firmware, the first bit of the first element sent will be on the RX frequency and sound like a clipped character on the TX freq.
>
> Dale W4OP
>
>
>
>
> ----- Original Message -----
> From: mikejmardis@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Monday, December 16, 2013 10:51 PM
> Subject: Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version
>
>
> Sorry for the delay. I have the newly shipped radio. I'm sure I need to run the update, but I too am having the clipping issue with CW.
> Mike
> N1SPZ
>
> Sent from my iPhone
>
>> On Dec 10, 2013, at 14:27, mikejmardis@... wrote:
>>
>>
>> I got my radio yesterday. I'll test it when I get home and let you know if I'm having the same issue with CW
>>
>> Sent from my iPhone
>>
>>> On Dec 10, 2013, at 14:08, <pal350@yahoo.com> wrote:
>>>
>>>
>>> The way I set it up:

>>>
>>>
>>>
>>> IF offset = 8999554
>>> CW BFO = 8998753
>>>
>>> CW is 801 Hz under IF. This gives an 800 Hz tone in USB on the test receiver.
>>>
>>> Tried setting CW = IF. That requires me to tune down 800 Hz in USB on the test receiver to
>>> get an 800 Hz tone.
>>>
>>> Symptom persists. I don't think this has anything to do with how the CW BFO is set up.
>>> I don't use CW a lot, but when I do it's usually with mil surplus friends who are using radios
>>> that derive CW by injecting a tone into their xmitter's balanced modulator. When I say "meet on
>>> 7125", both of us tune to 7125.000 indicated and have at it. Usually our radios don't have a
>>> separate CW mode switch setting - we just connect a key in USB mode. When the key is operated,
>>> the radio injects an 800 Hz tone into the balanced modulator and that's what the guy on the other
>>> end hears. No messing with RIT at either end, no chasing tails. That's why I set up my CW per the
>>>
>>> top parameters.
>>>
>>>
>>> But here it doesn't matter how I set up CW, off-set or down the center of the IF...still getting that
>>> first character element cut off.
>>>
>>>
>>>
>>> --Mark
>>> KI0PF
>>>
>>>
>>>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus Database: 3658/6925 - Release Date: 12/16/13
>
>

2907. Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 04:22:25 UTC
From: <cvest@...>
Topic: 2767 Message: 2907

Mike I am not sure where in the change log, that we were able to get them to upgrade the clipping issue. If you upgrade to the latest firmware and the issue is not resolved , please let us know. I happen to have two X1M's on the bench at the present time, that I am working on for group members, so I am not in a position to be able to verify or attempt to duplicate the issue just at the present time.
I have been busy working on X1M's today and while I have my bench configured for that, I am going to continue on those. I also have to get kits ready to ship out tonight , so I am really just getting a start on my night too.
It is likely the earliest I can look in depth at the issue to see if it still exists with the latest upgrade, is tomorrow afternoon when I can get the radio over on the "high tech" test bench, versus just my test and repair bench.
Perhaps someone else with the latest firmware installed can give it a try and report on their findings.
I notice the earlier software/firmware upgrades are no longer on the web page, so I can't back one up to an earlier version to do a comparison.
The original problem was that it was not switching fast enough to the transmit mode on CW and the character was actually still being sent, however it was being sent on the receive frequency. If you have a spare receiver that you can listen on, try listening to your CW RECEIVE frequency and see if that is what you are experiencing.
Please check the manual too. It has a paragraph in it devoted to the correct way to set up the IF offset, and the tone for CW. The X1M should perform just like any other transceiver in the CW mode.

One thing also explained in the paragraph in the manual is that you must tune to the "low side" of the CW signal. It is much like using a Direct Conversion receiver in that respect, that there are two places that you can tune the signal.
We are attempting to work with the factory on this particular issue, but apparently the Chinese do not use CW or at least very often. It is a VERY TECHNICAL change issue to communicate to them, since they literally do not have anyone that is fluent in RF and ENGLISH. The issue itself is pretty straight forward and well known to anyone who uses CW and a DC and actually simple to us here , and easy to discuss and explain. However it becomes a VERY TECHNICAL issue in trying to put it in a form that they can get a firm grasp on.

2908. Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 04:46:48 UTC
From: Dale Parfitt
Topic: 2767 Message: 2908

R R R
Keep us informed,

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 16, 2013 11:02 PM
Subject: Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Thanks Dale! I haven't done anything with the radio yet. I was asked by someone to see if it did indeed do it on mine.
I'm waiting for permission from the boss to have time to get the radio up to speed.

Sent from my iPhone

On Dec 16, 2013, at 22:57, "Dale Parfitt" <parinc1@...> wrote:

☐

Unless you load the latest firmware, the first bit of the first element sent will be on the RX frequency and sound like a clipped character on the TX freq.

Dale W4OP

----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 16, 2013 10:51 PM
Subject: Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Sorry for the delay. I have the newly shipped radio. I'm sure I need to run the update, but I too am having the clipping issue with CW.
Mike
N1SPZ

Sent from my iPhone

On Dec 10, 2013, at 14:27, mikejmardis@... wrote:

I got my radio yesterday. I'll test it when I get home and let you know if I'm having the same issue with CW

Sent from my iPhone

On Dec 10, 2013, at 14:08, <pal350@...> wrote:

The way I set it up:

IF offset = 8999554
CW BFO = 8998753

CW is 801 Hz under IF. This gives an 800 Hz tone in USB on the test receiver.

Tried setting CW = IF. That requires me to tune down 800 Hz in USB on the test receiver to get an 800 Hz tone.

Symptom persists. I don't think this has anything to do with how the CW BFO is set up.
I don't use CW a lot, but when I do it's usually with mil surplus friends who are using radios
that derive CW by injecting a tone into their xmitter's balanced modulator. When I say "meet on
7125", both of us tune to 7125.000 indicated and have at it. Usually our radios don't have a
separate CW mode switch setting - we just connect a key in USB mode. When the key is operated,
the radio injects an 800 Hz tone into the balanced modulator and that's what the guy on the other
end hears. No messing with RIT at either end, no chasing tails. That's why I set up my CW per the

top parameters.

But here it doesn't matter how I set up CW, off-set or down the center of the IF...still getting that
first character element cut off.

--Mark
KI0PF

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6925 - Release Date: 12/16/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6925 - Release Date: 12/16/13

2909. Photos of Ver 3 board

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 05:06:05 UTC
From: <disklog@...>
Topic: 2909 Message: 2909

Charlie,
While I had my radio open tonight I took a photo of the new ver 3 board that does not have the 1350 adjustment pot. I took a close up of the bias resistors that replaced the pot and a photo of the overall board.
I also added home made copper heat sinks to the two AD chips. I have a small finned commercial heatsink that I plan to crazy glue to the 9 volt regulator. I can take photos of that too if you wish. Let me know and I will post these photos tomorrow.
Ken N2LZV

2910. User's Guide - Latest

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 13:15:36 UTC
From: <deadgoose@...>
Topic: 2910 Message: 2910

Revisions to reflect latest firmware, edits, simplify things, etc. Mis-spelled face plate, but this is a "feature."

FYI, article on "Cloud Sourcing," as to how this document was developed will appear in the February issue of the K9YA "Telegraph." November issue of the "Telegraph" has review of the radio.

73 & Merry Christmas!

/paul W3FIS from "Slower Lower" Delaware FM28KL

2911. Interfacing to X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 13:59:13 UTC
From: Bastress, David G
Topic: 2911 Message: 2911

GM All,

Anyone on here ever interfaced an Signal Link USB to an X1M? For some reason I am having difficulty getting it done.

I've gotten the PTT working after taking the case off the SLUSB and tracing the wires all the way through from the jumper socket in the SLUSB to the ring of the mic connector. It seems some wire colors were not what I thought they were!

I have done the same for the TX audio from the jumper socket in the SLUSB to the tip of the mic connector and yet when I key up the X1M by sending a signal from the computer through the SLUSB the X1M does key up but I have no signal out of the X1M. I have double checked and I have audio out of the SLUSB per my o'scope. So what am I missing?

Thanks.
Dave K3GAU

2912. RE: User's Guide - Latest

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 14:19:25 UTC
From: <ip_56@...>
Topic: 2910 Message: 2912

A few days I asked once before

Hello,

A few days I asked once before:

Works with the last firmware update the SPLIT function correctly even in CW mode?

In the new User's Guide is that, this does not work.

Which is correct ? Who has experience ?

73 Ingo

---In X1M_QRP-Transceiver@{{emailDomain}}, <deadgoose@...> wrote:

Revisions to reflect latest firmware, edits, simplify things, etc. Mis-spelled face plate, but this is a "feature."

FYI, article on "Cloud Sourcing," as to how this document was developed will appear in the February issue of the K9YA "Telegraph." November issue of the "Telegraph" has review of the radio.

73 & Merry Christmas!

/paul W3FIS from "Slower Lower" Delaware FM28KL

2913. Re: [X1M_QRP-Transceiver] Photos of Ver 3 board

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 15:07:57 UTC
From: Dale Parfitt
Topic: 2909 Message: 2913

Thanks Ken. I'll work these into the AGC manual as time permits.

Dale W4OP
----- Original Message -----
From: disklog@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 17, 2013 12:06 AM
Subject: [X1M_QRP-Transceiver] Photos of Ver 3 board

Charlie,
While I had my radio open tonight I took a photo of the new ver 3 board that does not have the 1350 adjustment pot. I took a close up of the bias resistors that replaced the pot and a photo of the overall board.
I also added home made copper heat sinks to the two AD chips. I have a small finned commercial heatsink that I plan to crazy glue to the 9 volt regulator. I can take photos of that too if you wish. Let me know and I will post these photos tomorrow.
Ken N2LZV

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6925 - Release Date: 12/16/13

2914. Posting Photos

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 16:01:15 UTC
From: <disklog@...>
Topic: 2914 Message: 2914

This morning, when I try to upload photos Yahoo keeps telling me "Sorry an error occurred during upload...."
No idea why I can't upload my pics to the site. I will try again later.
Ken N2LZV

2915. RE: User's Guide - Latest

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 18:09:15 UTC
From: <deadgoose@...>
Topic: 2910 Message: 2915

I couldn't get it to work on CW, but works fine on SSB -- LSB/USB.

Try it... that settles the argument.

73 /paul W3FIS

2917. AW: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 18:18:13 UTC
From: Joe
Topic: 2767 Message: 2917

Hello Dale, Charlie, Group,

I was testing CW in the ARRL 10m Contest too.

So my antenna for 10m isn´t realy well but I´ve reached some US-Stations and other DX-Stations allways on the first call. So there cant be an issue cutting the first sign. Speed was abt. 25 – 35WPM using K1EL´s Winkey as external Keyer.

I checked this also with an cw-decoder (cwget) and all transmissions were decoded properly even the first sign(I´ll post some screenshots with different speed). The difference between TX- and RX-frequency is only 3 Hz!

So no more issue on CW-TX, but the recovery time TX à RX is a little long, for higher speed. I was somtimes missing the first letter of the DX-Station and I guess they were not using an X1M ;o)

Anyway a CW-filter would be very helpful, please put me on the list.

Now, with the new firmware, I´m a very satisfied X1M owner :o)

73 Joe

2918. Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 18:22:59 UTC
From: Dale Parfitt
Topic: 2767 Message: 2918

Hi Joe,
What do you have your CWTDLY set to? You may be able to shorten your turn around time.

Dale
----- Original Message -----
From: Joe
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 17, 2013 1:18 PM
Subject: AW: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Hello Dale, Charlie, Group,

I was testing CW in the ARRL 10m Contest too.

So my antenna for 10m isn´t realy well but I´ve reached some US-Stations and other DX-Stations allways on the first call. So there cant be an issue cutting the first sign. Speed was abt. 25 – 35WPM using K1EL´s Winkey as external Keyer.

I checked this also with an cw-decoder (cwget) and all transmissions were decoded properly even the first sign(I´ll post some screenshots with different speed). The difference between TX- and RX-frequency is only 3 Hz!

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Anyway a CW-filter would be very helpful, please put me on the list.

Now, with the new firmware, I´m a very satisfied X1M owner :o)

73 Joe

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6928 - Release Date: 12/17/13

2919. RE: AW: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 18:29:46 UTC
From: ua1cex
Topic: 2919 Message: 2919

Hi Joe, did you try internal keyer?

73/72 - Victor, UA1CEX.

--------- Original Message ---------
From: Joe
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Tue Dec 17 22:18:13 GMT+03:00 2013
Subject: AW: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Hello Dale, Charlie, Group,

I was testing CW in the ARRL 10m Contest too.
So my antenna for 10m isn´t realy well but I´ve reached some US-Stations and other DX-Stations allways on the first call. So there cant be an issue cutting the first sign.
Speed was abt. 25 – 35WPM using K1EL´s Winkey as external Keyer.
I checked this also with an cw-decoder (cwget) and all transmissions were decoded properly even the first sign(I´ll post some screenshots with different speed). The difference between TX- and RX-frequency is only 3 Hz!
So no more issue on CW-TX, but the recovery time TX à RX is a little long, for higher speed. I was somtimes missing the first letter of the DX-Station and I guess they were not using an X1M ;o)
Anyway a CW-filter would be very helpful, please put me on the list.
Now, with the new firmware, I´m a very satisfied X1M owner :o)

73 Joe

2920. X1M PRO and Programming cable avaliability

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 18:53:58 UTC
From: <mstangelo@...>
Topic: 2920 Message: 2920

I'm thinking of ordering an X1M and Programming cable. The Import Communications shows the X1M Pro is in stock but the cable is out of stock. I send an email about availability and warrenty questions to info@importcommunications.com mailto:info@importcommunications.com but have not received an answer.

Does anyone know how I can contact them to get my questions answered?

Does anyone have the pinout for the programming cable? Can I modify a USB to RS-232 to use as a programming cable?

Thanks,

Mike N2MS

2921. AW: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 18:56:40 UTC
From: Joe
Topic: 2767 Message: 2921

Hi Dale,

thank You…hmm, I promise to RDFM (read the fine manual) tonight…hi.hi

I didn´t notice this menue point.

Will check it tomorrow. X1M is now running as Opera32 RX on 136kHz.

73 Joe

Von: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] Im Auftrag von Dale Parfitt
Gesendet: Dienstag, 17. Dezember 2013 19:23
An: X1M_QRP-Transceiver@yahoogroups.com
Betreff: Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

☐

Hi Joe,

What do you have your CWTDLY set to? You may be able to shorten your turn around time.

Dale

----- Original Message -----

From: Joe <mailto:df2jp@...>

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Tuesday, December 17, 2013 1:18 PM

Subject: AW: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Hello Dale, Charlie, Group,

I was testing CW in the ARRL 10m Contest too.

So my antenna for 10m isn´t realy well but I´ve reached some US-Stations and other DX-Stations allways on the first call. So there cant be an issue cutting the first sign. Speed was abt. 25 – 35WPM using K1EL´s Winkey as external Keyer.

I checked this also with an cw-decoder (cwget) and all transmissions were decoded properly even the first sign(I´ll post some screenshots with different speed). The difference between TX- and RX-frequency is only 3 Hz!

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73 Joe

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6928 - Release Date: 12/17/13

2923. RE: X1M PRO and Programming cable avaliability

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 19:28:22 UTC
From: <deadgoose@...>
Topic: 2920 Message: 2923

I believe Ed is going to show how to kludge up a Wouxun programming cable. I think I have the art showing it. E-mail me off list, and I'll dig the diagram out. I did have it in the manual at one point, but the stock cable is a neater job.

/paul W3FIS@comcast.net

2924. RE: X1M PRO and Programming cable avaliability

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 19:30:39 UTC
From: <deadgoose@...>
Topic: 2920 Message: 2924

There is a level conversion issue.... see the User's Guide...

/paul

2925. AW: AW: [X1M_QRP-Transceiver] A TTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 19:33:29 UTC
From: Joe
Topic: 2919 Message: 2925

Hi Victor,

no not yet, need an adapterr 6,3mm to 3,5mm for the key,

Will do in the next days and report later.

73 Joe

Von: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] Im Auftrag von ua1cex
Gesendet: Dienstag, 17. Dezember 2013 19:30
An: X1M_QRP-Transceiver@yahoogroups.com
Betreff: RE: AW: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Hi Joe, did you try internal keyer?

73/72 - Victor, UA1CEX.

--------- Original Message ---------
From: Joe
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Tue Dec 17 22:18:13 GMT+03:00 2013
Subject: AW: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Hello Dale, Charlie, Group,

I was testing CW in the ARRL 10m Contest too.

So my antenna for 10m isn´t realy well but I´ve reached some US-Stations and other DX-Stations allways on the first call. So there cant be an issue cutting the first sign. Speed was abt. 25 – 35WPM using K1EL´s Winkey as external Keyer.

I checked this also with an cw-decoder (cwget) and all transmissions were decoded properly even the first sign(I´ll post some screenshots with different speed). The difference between TX- and RX-frequency is only 3 Hz!

So no more issue on CW-TX, but the recovery time TX à RX is a little long, for higher speed. I was somtimes missing the first letter of the DX-Station and I guess they were not using an X1M ;o)

Anyway a CW-filter would be very helpful, please put me on the list.

Now, with the new firmware, I´m a very satisfied X1M owner :o)

73 Joe

2926. Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 19:40:20 UTC
From: Bastress, David G
Topic: 2767 Message: 2926

GA Dale,

I do have a couple of questions, etc. related to the settings.

The CW delay is default set to '300'. Three hundred what? Milliseconds?

The TXP TIM has up to 4 digits, of what units? tenths of seconds, seconds, minutes, etc.?

There seems to be no info available on them.

Last weekend after installing the new software had a CW contact with a friend. He didn't notice any first element shortening. Also I have looked at the CW signal with Spectran and didn't see any major first element shortening. If there was any shortening, it was less than 1/3 of the first element long.

FWIW

Dave K3GAU

On Tue, Dec 17, 2013 at 1:22 PM, Dale Parfitt <parinc1@frontier.com> wrote:

>
>
>
> Hi Joe,
> What do you have your CWTDLY set to? You may be able to shorten your turn
> around time.
>
> Dale
>
> ----- Original Message -----
> *From:* Joe <df2jp@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Tuesday, December 17, 2013 1:18 PM
> *Subject:* AW: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial
> thoughts on the new X1M version
>
>
>
> Hello Dale, Charlie, Group,
>
> I was testing CW in the ARRL 10m Contest too.
>
> So my antenna for 10m isn´t realy well but I´ve reached some US-Stations

> and other DX-Stations allways on the first call. So there cant be an issue
> cutting the first sign. Speed was abt. 25 – 35WPM using K1EL´s Winkey as
> external Keyer.
>
> I checked this also with an cw-decoder (cwget) and all transmissions were
> decoded properly even the first sign(I´ll post some screenshots with
> different speed). The difference between TX- and RX-frequency is only 3 Hz!
>
> So no more issue on CW-TX, but the recovery time TX à RX is a little
> long, for higher speed. I was somtimes missing the first letter of the
> DX-Station and I guess they were not using an X1M ;o)
>
> Anyway a CW-filter would be very helpful, please put me on the list.
>
> Now, with the new firmware, I´m a very satisfied X1M owner :o)
>
> 73 Joe
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus Database: 3658/6928 - Release Date: 12/17/13
>
>
>

2927. RE: X1M PRO and Programming cable avaliability

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 20:04:44 UTC
From: <ip_56@...>
Topic: 2920 Message: 2927

Hi,

I use this cable:

http://www.newark.com/ftdi/ttl-232r-rpi/debug-cable-raspberry-pi-module/dp/28W2088?MER=PPSO_N_C_EverywhereElse_None

...

http://www.farnell.com/datasheets/1641076.pdf

cable SUB-DB9 (X1M)

Black (GND) Pin 5 (GND)

Orange (TXD) Pin 2 (RXD-TTL)

Yellow (RXD) Pin 3 (TXD-TTL)

Tested with HRD, N1MM and Firmwareupdate.

73 Ingo

2928. Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 20:06:27 UTC
From: Dale Parfitt
Topic: 2767 Message: 2928

I do not know what the units are for TXP TIM but CW Delay is in mSec. So max setting is 2000mSec= 2 Seconds

Dale W4OP
----- Original Message -----
From: Bastress, David G
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 17, 2013 2:40 PM
Subject: Re: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

GA Dale,

I do have a couple of questions, etc. related to the settings.

The CW delay is default set to '300'. Three hundred what? Milliseconds?

The TXP TIM has up to 4 digits, of what units? tenths of seconds, seconds, minutes, etc.?

There seems to be no info available on them.

Last weekend after installing the new software had a CW contact with a friend. He didn't notice any first element shortening. Also I have looked at the CW signal with Spectran and didn't see any major first element shortening. If there was any shortening, it was less than 1/3 of the first element long.

FWIW

Dave K3GAU

On Tue, Dec 17, 2013 at 1:22 PM, Dale Parfitt <parinc1@...> wrote:

Hi Joe,
What do you have your CWTDLY set to? You may be able to shorten your turn around time.

Dale
----- Original Message -----
From: Joe
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 17, 2013 1:18 PM
Subject: AW: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Hello Dale, Charlie, Group,

I was testing CW in the ARRL 10m Contest too.

So my antenna for 10m isn´t realy well but I´ve reached some US-Stations and other DX-Stations allways on the first call. So there cant be an issue cutting the first sign. Speed was abt. 25 – 35WPM using K1EL´s Winkey as external Keyer.

I checked this also with an cw-decoder (cwget) and all transmissions were decoded properly even the first sign(I´ll post some screenshots with different speed). The difference between TX- and RX-frequency is only 3 Hz!

So no more issue on CW-TX, but the recovery time TX à RX is a little long, for higher speed. I was somtimes missing the first letter of the DX-Station and I guess they were not using an X1M ;o)

Anyway a CW-filter would be very helpful, please put me on the list.

Now, with the new firmware, I´m a very satisfied X1M owner :o)

73 Joe

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6928 - Release Date: 12/17/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6928 - Release Date: 12/17/13

2929. Re: AW: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 20:20:23 UTC
From: Charlie , W5COV
Topic: 2767 Message: 2929

Great news Joe, Hope you did well in the contest.

Dale has already mentioned what I was going to suggest.

Charlie, W5COV

On 12/17/2013 12:18 PM, Joe wrote:
>
> Hello Dale, Charlie, Group,
>
> I was testing CW in the ARRL 10m Contest too.
>
> So my antenna for 10m isn´t realy well but I´ve reached some
> US-Stations and other DX-Stations allways on the first call. So there
> cant be an issue cutting the first sign. Speed was abt. 25 – 35WPM
> using K1EL´s Winkey as external Keyer.
>
> I checked this also with an cw-decoder (cwget) and all transmissions
> were decoded properly even the first sign(I´ll post some screenshots
> with different speed). The difference between TX- and RX-frequency is
> only 3 Hz!
>
> So no more issue on CW-TX, but the recovery time TX àRX is a little
> long, for higher speed. I was somtimes missing the first letter of the
> DX-Station and I guess they were not using an X1M ;o)
>
> Anyway a CW-filter would be very helpful, please put me on the list.
>
> Now, with the new firmware, I´m a very satisfied X1M owner :o)
>
> 73 Joe
>
>

2930. Re: [X1M_QRP-Transceiver] X1M PRO and Programming cable avaliability

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 20:28:45 UTC
From: Charlie , W5COV
Topic: 2920 Message: 2930

Ed does read the group and will catch it if he misses his e-mail.

Charlie, W5COV

On 12/17/2013 12:53 PM, mstangelo@... wrote:
>
> I'm thinking of ordering an X1M and Programming cable. The Import
> Communications shows the X1M Pro is in stock but the cable is out of
> stock. I send an email about availability and warrenty questions to
> info@... <mailto:info@...>
> but have not received an answer.
>
> Does anyone know how I can contact them to get my questions answered?
>
> Does anyone have the pinout for the programming cable? Can I modify a
> USB to RS-232 to use as a programming cable?
>
> Thanks,
>
> Mike N2MS
>
>

2931. Re: Interfacing to X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 20:36:40 UTC
From: Paul W. Ross
Topic: 2911 Message: 2931

OK, you need FOUR wires from the SignaLink. Get an RJ-45 cable -- nice flexible one is best, and a 3.5 mm stereo plug. I chopped a 3' one in half.

Set up the jumpers in the SignaLink as you wish.... 2 grounds, PTT, and microphone.

Having picked 4 wires on the SignaLink RADIO jack (your choice -- I use my SignaLink also for my Alinco DX-SR8), strip them back, and connect the two GROUND wires to the sleeve. PTT goes to RING, microphone to TIP. Don't goop up the inside of the plug until you are sure everything works.

You ALSO need a male-mail 3.5 mm stereo jumper for the audio. This goes from the back of the X1M to the AUX connector.

Plug the SignaLink USB into your computer. Follow instruction in the SignaLink manual as to the settings for TX, RX, DLY, etc.

That is all there is to it.

73 /paul W3FIS

2932. Re: AW: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 20:46:29 UTC
From: Dale Parfitt
Topic: 2767 Message: 2932

Joe wrote:
checked this also with an cw-decoder (cwget) and all transmissions were decoded properly even the first sign(I´ll post some screenshots with different speed). The difference between TX- and RX-frequency is only 3 Hz!
The difference between CW RX/TX should be equal to your CW TONE setting- typically 500-->800Hz.

Dale W4OP

2933. Re: [X1M_QRP-Transceiver] Photos of Ver 3 board

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 21:12:05 UTC
From: Charlie , W5COV
Topic: 2909 Message: 2933

Hi Ken,

THANK YOU !!

I certainly appreciate your taking the photos. For a while I lived with
a radio in pieces and no covers, but once we are finally getting it all
pulled together a photo is so much more handy than taking a radio apart :)

It is also a great way to see the boards in the new version. I have
radio examples of every version up to this version. However there have
been slight changes to each set of boards and I like to be able to
follow people and what they are trying to describe or talk about.

I do plan on doing a little heatsink work inside of my own personal X1M
, especially on the 9 volt regulator. Now that we have a stable radio
right out of the box, I am going to investigate some of the current
draws and heat issues. I even bought a couple of different regulators
with a higher current rating to play with.

This is a great group with people like you so willing to help everyone else.

Many thanks,

Charlie, W5COV

On 12/16/2013 11:06 PM, disklog@... wrote:
>
> Charlie,
> While I had my radio open tonight I took a photo of the new ver 3
> board that does not have the 1350 adjustment pot. I took a close up of
> the bias resistors that replaced the pot and a photo of the overall
> board.
> I also added home made copper heat sinks to the two AD chips. I have
> a small finned commercial heatsink that I plan to crazy glue to the 9
> volt regulator. I can take photos of that too if you wish. Let me know
> and I will post these photos tomorrow.
> Ken N2LZV
>
>

2934. AW: AW: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 21:47:51 UTC
From: Joe
Topic: 2767 Message: 2934

Dale,

You´re right.

The pitch is set to 700Hz. After tuning to a CW Signal peak the TX is transmitting on 703Hz. That was the difference I ment.

73 Joe

Von: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] Im Auftrag von Dale Parfitt
Gesendet: Dienstag, 17. Dezember 2013 21:46
An: X1M_QRP-Transceiver@yahoogroups.com
Betreff: Re: AW: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

☐

Joe wrote:

checked this also with an cw-decoder (cwget) and all transmissions were decoded properly even the first sign(I´ll post some screenshots with different speed). The difference between TX- and RX-frequency is only 3 Hz!

The difference between CW RX/TX should be equal to your CW TONE setting- typically 500-->800Hz.

Dale W4OP

2935. Re: AW: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 22:00:08 UTC
From: Dale Parfitt
Topic: 2767 Message: 2935

Great Joe- I had thought that was your thinking. This also helps clarify for others how CW works on a modern transceiver.

Dale W4OP
----- Original Message -----
From: Joe
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 17, 2013 4:47 PM
Subject: AW: AW: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

Dale,

You´re right.

The pitch is set to 700Hz. After tuning to a CW Signal peak the TX is transmitting on 703Hz. That was the difference I ment.

73 Joe

Von: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] Im Auftrag von Dale Parfitt
Gesendet: Dienstag, 17. Dezember 2013 21:46
An: X1M_QRP-Transceiver@yahoogroups.com
Betreff: Re: AW: [X1M_QRP-Transceiver] ATTN - Ed and the Group: Initial thoughts on the new X1M version

☐

Joe wrote:

checked this also with an cw-decoder (cwget) and all transmissions were decoded properly even the first sign(I´ll post some screenshots with different speed). The difference between TX- and RX-frequency is only 3 Hz!

The difference between CW RX/TX should be equal to your CW TONE setting- typically 500-->800Hz.

Dale W4OP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6928 - Release Date: 12/17/13

2936. RE: [X1M_QRP-Transceiver] RE: X1M PRO and Programming cable avaliability

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 22:33:58 UTC
From: Lee
Topic: 2920 Message: 2936

Search ebay for USB To RS232 TTL UART PL2303HX. They are between $2 and $3 US with free shipping. It’s what I use.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ip_56@...
Sent: Tuesday, December 17, 2013 2:05 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: X1M PRO and Programming cable avaliability

Hi,

I use this cable:

http://www.newark.com/ftdi/ttl-232r-rpi/debug-cable-raspberry-pi-module/dp/28W2088?MER=PPSO_N_C_EverywhereElse_None

...

http://www.farnell.com/datasheets/1641076.pdf

cable SUB-DB9 (X1M)

Black (GND) Pin 5 (GND)

Orange (TXD) Pin 2 (RXD-TTL)

Yellow (RXD) Pin 3 (TXD-TTL)

Tested with HRD, N1MM and Firmwareupdate.

73 Ingo

2937. RE: [X1M_QRP-Transceiver] Posting Photos

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 23:10:41 UTC
From: Ian Coots
Topic: 2914 Message: 2937
Attachments: 1 described; binary payloads are missing from this source WARC

Ken, I had the same problem.

If you open your browser (for IE), click on Tools/Internet Options/Delete then make sure “Cookies” has a tick beside it, then click delete.

Close your browser and all should be OK when you try to access yahoo Groups again. I don’t know what they’ve done, but I had the same error and deleting cookies fixed it straight away.

Regards,

Ian Coots VK3YIC

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of disklog@...
Sent: Wednesday, 18 December 2013 3:01 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Posting Photos

This morning, when I try to upload photos Yahoo keeps telling me "Sorry an error occurred during upload...."
No idea why I can't upload my pics to the site. I will try again later.
Ken N2LZV

2938. Re: [X1M_QRP-Transceiver] Re: 10 METER CONTEST

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 23:21:11 UTC
From: Charlie , W5COV
Topic: 2852 Message: 2938

Hey Rick,

I am running about an identical setup to yours. I have a G5RV that started out at 30 feet at the apex and is slowly getting a little lower :) I hope to get it switched over to the PVC pipe cross arm that I have coming out of the side of the tower at about the 50 foot level. Now then I can be a "big gun"<grin> Just really hard for me to accomplish alone and the weather, until yesterday and today has been down around zero at night and very cold during the day with a strong north wind.

I managed 35 contacts in just casual operating with the X1M , but 14 of those were with DX stations !! Most were worked on first call, some of the DX and even a couple of stateside stations required 2 or 3 calls. Never any long drawn out waits to make a contact.

For December on 10 meters, I thought I did quite well and had a lot of fun doing it !!

Good to see the X1M guys being active and having fun with this little radio. One day I am going to upgrade to one of Dale's Omniangle antennas for 10. It would have been perfect , omni directional horizontal and an antenna made for the band.

Charlie, W5COV

On 12/16/2013 4:29 PM, rickmac06@... wrote:
>
> Hi Charlie,
>
> I worked 10 stations in just a few minutes. The band was open pretty
> good here in Southern IL. The X1M did a great job using my G5RV
> (Inverted-V) antenna and no amp. Got most stations on the first call.
> Had to work a couple of pileups but had no problem. I'm not a
> contester just wanted to see how the little rig would do on 10m in a
> contest situation. How about you, what was your experience?
> Regards, Rick.
>
> --- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV"
> <cvest@...> wrote:
> >
> > Just curious how many people were on for the contest and how
> everyone did.
> >
>
>

2939. RE: [X1M_QRP-Transceiver] RE: X1M PRO and Programming cable avaliability

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-17 23:21:21 UTC
From: Ian Coots
Topic: 2920 Message: 2939
Attachments: 1 described; binary payloads are missing from this source WARC

…make sure your USB to TTL cable specifies an “FTDI” chip…there are some cheapies with a “Prolific” (I think that’s the name…it’s similar to that anyway) chip clone, and when the prolific driver is downloaded, it detects an unauthentic chip and it will not work. (comment from experience)

Regards,

Ian Coots VK3YIC

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
Sent: Wednesday, 18 December 2013 9:34 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: X1M PRO and Programming cable avaliability

Search ebay for USB To RS232 TTL UART PL2303HX. They are between $2 and $3 US with free shipping. It’s what I use.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ip_56@...
Sent: Tuesday, December 17, 2013 2:05 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: X1M PRO and Programming cable avaliability

Hi,

I use this cable:

http://www.newark.com/ftdi/ttl-232r-rpi/debug-cable-raspberry-pi-module/dp/28W2088?MER=PPSO_N_C_EverywhereElse_None

...

http://www.farnell.com/datasheets/1641076.pdf

cable SUB-DB9 (X1M)

Black (GND) Pin 5 (GND)

Orange (TXD) Pin 2 (RXD-TTL)

Yellow (RXD) Pin 3 (TXD-TTL)

Tested with HRD, N1MM and Firmwareupdate.

73 Ingo

2940. RE: [X1M_QRP-Transceiver] RE: X1M PRO and Programming cable avaliability

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 00:55:06 UTC
From: mstangelo@...
Topic: 2920 Message: 2940

I also prefer the FDTI chipset. I assume I need the 5volt TTL version not the 3.3volt version.

Here is one with phone plug. I can cut off the plug and connect a DB-9 plug

Mouser 895-TTL-232R-5V-AJ

Mike N2MS
----- Original Message -----
From: Ian Coots <ianrob@...>
To: X1M QRP-Transceiver <X1M_QRP-Transceiver@yahoogroups.com>
Sent: Tue, 17 Dec 2013 23:21:21 -0000 (UTC)
Subject: RE: [X1M_QRP-Transceiver] RE: X1M PRO and Programming cable avaliability

…make sure your USB to TTL cable specifies an “FTDI” chip…there are some cheapies with a “Prolific” (I think that’s the name…it’s similar to that anyway) chip clone, and when the prolific driver is downloaded, it detects an unauthentic chip and it will not work. (comment from experience)

Regards,

Ian Coots VK3YIC

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
Sent: Wednesday, 18 December 2013 9:34 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: X1M PRO and Programming cable avaliability

Search ebay for USB To RS232 TTL UART PL2303HX. They are between $2 and $3 US with free shipping. It’s what I use.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ip_56@yahoo.com
Sent: Tuesday, December 17, 2013 2:05 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: X1M PRO and Programming cable avaliability

Hi,

I use this cable:

http://www.newark.com/ftdi/ttl-232r-rpi/debug-cable-raspberry-pi-module/dp/28W2088?MER=PPSO_N_C_EverywhereElse_None

...

http://www.farnell.com/datasheets/1641076.pdf

cable SUB-DB9 (X1M)

Black (GND) Pin 5 (GND)

Orange (TXD) Pin 2 (RXD-TTL)

Yellow (RXD) Pin 3 (TXD-TTL)

Tested with HRD, N1MM and Firmwareupdate.

73 Ingo

2941. RE: [X1M_QRP-Transceiver] RE: X1M PRO and Programming cable avaliability

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 01:47:58 UTC
From: Lee
Topic: 2920 Message: 2941
Attachments: 1 described; binary payloads are missing from this source WARC

There is a Prolific driver in the Files section that works with even the clones and instructions how to install and cable wiring directions.

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots
Sent: Tuesday, December 17, 2013 5:21 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: X1M PRO and Programming cable avaliability

…make sure your USB to TTL cable specifies an “FTDI” chip…there are some cheapies with a “Prolific” (I think that’s the name…it’s similar to that anyway) chip clone, and when the prolific driver is downloaded, it detects an unauthentic chip and it will not work. (comment from experience)

Regards,

Ian Coots VK3YIC

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
Sent: Wednesday, 18 December 2013 9:34 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: X1M PRO and Programming cable avaliability

Search ebay for USB To RS232 TTL UART PL2303HX. They are between $2 and $3 US with free shipping. It’s what I use.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ip_56@...
Sent: Tuesday, December 17, 2013 2:05 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: X1M PRO and Programming cable avaliability

Hi,

I use this cable:

http://www.newark.com/ftdi/ttl-232r-rpi/debug-cable-raspberry-pi-module/dp/28W2088?MER=PPSO_N_C_EverywhereElse_None

...

http://www.farnell.com/datasheets/1641076.pdf

cable SUB-DB9 (X1M)

Black (GND) Pin 5 (GND)

Orange (TXD) Pin 2 (RXD-TTL)

Yellow (RXD) Pin 3 (TXD-TTL)

Tested with HRD, N1MM and Firmwareupdate.

73 Ingo

2942. RE: [X1M_QRP-Transceiver] Posting Photos

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 01:47:09 UTC
From: ken fest
Topic: 2914 Message: 2942

Hello Ian,
I tried removing cookies and changing the settings but yahoo still gives me the sorry message. I am using Firefox as my browser and had no trouble the last time I uploaded pics to a group, but that was years ago under the old yahoo group system. I am stumped.
Ken

On Tue, 12/17/13, Ian Coots <ianrob@...> wrote:

Subject: RE: [X1M_QRP-Transceiver] Posting Photos
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Tuesday, December 17, 2013, 6:10 PM

Ken, I had the same
problem. If you open your browser (for
IE), click on Tools/Internet Options/Delete then make sure
“Cookies” has a tick beside it, then click
delete.Close your browser and all
should be OK when you try to access yahoo Groups again. I
don’t know what they’ve done, but I had the same error
and deleting cookies fixed it straight away. Regards, Ian Coots VK3YIC From:
X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@...m] On Behalf Of
disklog@...
Sent: Wednesday, 18 December 2013 3:01 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Posting
Photos This morning, when I try to
upload photos Yahoo keeps telling me "Sorry an error
occurred during upload...."
No idea why I can't upload my pics to the site. I will
try again later.
Ken N2LZV

2943. Posting Photos Success!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 01:58:14 UTC
From: <disklog@...>
Topic: 2943 Message: 2943

Whoopiee!!!!! Something has finally gone right for me.
Ian, I did your procedure a second time and then rebooted and now I can upload pics. Thank you so much for your help.
Ken N2LZV

2944. Success was short lived

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 02:22:58 UTC
From: <disklog@...>
Topic: 2944 Message: 2944

Once again I can't upload photos. No idea what changed. This is enough to drive one crazy!!

2945. Re: [X1M_QRP-Transceiver] Posting Photos Success!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 02:36:28 UTC
From: Charlie , W5COV
Topic: 2943 Message: 2945

Ken, I am interested in seeing more details. Nice looking job what I have seen of it. Perhaps you can send the pictures to someone else that can upload them for you.

Charlie, W5COV

On 12/17/2013 7:58 PM, disklog@... wrote:
>
> Whoopiee!!!!! Something has finally gone right for me.
> Ian, I did your procedure a second time and then rebooted and now I
> can upload pics. Thank you so much for your help.
> Ken N2LZV
>
>

2946. 9 Band Low Pass Filter & Wattmeter Photos

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 02:39:38 UTC
From: <disklog@...>
Topic: 2946 Message: 2946

After many tries, the photos again uploaded.

This is my version of a switchable low pass filter unit and wattmeter. It can be used with any radio up to 100 watts.
The case is painted copper circuit board material, and the filter board is from a Kenwood 940 radio.
The wattmeter is an old meter with a homebrew scale. It is driven from the wattmeter circuitry already on the Kenwood board.
The main problem in using this board is the relays are 24 volts. I got around that by operating them from a gimmick circuit that stores power in a cap and adds that voltage to the 12v line. Once operated the relays are maintained with only 12vdc.
Makes the X1M and homebrew amps stay within FCC specs.
Ken N2LZV

2947. Re: [X1M_QRP-Transceiver] Posting Photos Success!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 02:41:25 UTC
From: ken fest
Topic: 2943 Message: 2947

Charlie, After many tries I just got the additional photos uploaded. They are for my 9 band low pass filter.
Just one way of adding more usefulness to the X1M.
Ken

On Tue, 12/17/13, Charlie , W5COV <cvest@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] Posting Photos Success!!
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Tuesday, December 17, 2013, 9:36 PM

Ken, I am interested in seeing more details. Nice
looking job what I
have seen of it. Perhaps you can send the pictures to
someone else
that can upload them for you.

Charlie, W5COV

On 12/17/2013
7:58 PM,
disklog@...
wrote:

Whoopiee!!!!! Something has finally gone
right for me.

Ian, I did your procedure a second time and
then rebooted
and now I can upload pics. Thank you so much
for your
help.

Ken N2LZV

2948. Re: [X1M_QRP-Transceiver] Posting Photos Success!!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 02:56:51 UTC
From: Charlie , W5COV
Topic: 2943 Message: 2948

Ken, I saw the initial pictures of it and it looks very nice. I'll go have a look now. Another one of my projects, waiting to get further along on. Have some relays on order, that should be here in a day or two. Mine are 4.5 volt coils . Thought I might have a voltage converter here that would help you , but all I have run across so far are just 5 to 9 volt . Maybe a little more digging :) I have the watt meter under construction also.

Charlie

On 12/17/2013 8:41 PM, ken fest wrote:
>
> Charlie, After many tries I just got the additional photos uploaded.
> They are for my 9 band low pass filter.
> Just one way of adding more usefulness to the X1M.
> Ken
> ---
> On Tue, 12/17/13, Charlie , W5COV <cvest@...> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] Posting Photos Success!!
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Tuesday, December 17, 2013, 9:36 PM
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>
> Ken, I am interested in seeing more details. Nice
> looking job what I
> have seen of it. Perhaps you can send the pictures to
> someone else
> that can upload them for you.
>
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>
> Charlie, W5COV
>
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>
> On 12/17/2013
> 7:58 PM,
> disklog@...
> wrote:
>
>
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>
> Whoopiee!!!!! Something has finally gone
> right for me.
>
> Ian, I did your procedure a second time and
> then rebooted
> and now I can upload pics. Thank you so much
> for your
> help.
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> Ken N2LZV
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2949. A little help 2nd try

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 03:16:16 UTC
From: <kk6wls@...>
Topic: 2949 Message: 2949

I started to do the firmware upgrade on my X1M Pro. Everything was going as planned until I absentmindedly pulled the power cord instead if shutting off the power. As I did the plug touched the case and low and behold smoke was let out of the rig.

I sat there beating my self up but figured I'd plug it back in and see what happens.
Rig powered up but no sound. I checked and still had the original firmware. So again why not...I installed the new firmware per the new manual, which seemed to process rather quickly (20 seconds). I checked the firmware and it indicated I had the new version. I powered the rig off and back on. No sound, but all else seems normal.
Well normal in that the dial lit up and sound started to work and then quit. I took the rig in the house and opened the case. From what I could see of the board nothing looked burned nor smelled burned. I again powered the rig up using a 12v AA battery pack setup. The rig powered and I had sound again for about 20 seconds then it quit. Now no matter what I do now, no sound either from the speaker or headphones. Is it a goner or do I have any hope of resurrecting it? Since I obviously don't have any testing equipment is there someone that I can send it to (Ed for instance) that might be able to repair my mistake? I did purchase it from Ed. ugh!!!

Thanks in advance,
Bill
KK6WLS

2950. Re: [X1M_QRP-Transceiver] A little help 2nd try

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 03:37:08 UTC
From: Charlie , W5COV
Topic: 2949 Message: 2950

Which run of the X1M PRO ? Is the LM-386 a DIP or SMD ? Could you tell the area of the rig that the smoke was coming from ? There are some basic tests in the audio section that you can do with a volt meter and a set of headphones.

Charlie , W5COV

On 12/17/2013 9:16 PM, kk6wls@... wrote:
>
> I started to do the firmware upgrade on my X1M Pro. Everything was
> going as planned until I absentmindedly pulled the power cord instead
> if shutting off the power. As I did the plug touched the case and low
> and behold smoke was let out of the rig.
>
>
> I sat there beating my self up but figured I'd plug it back in and see
> what happens.
> Rig powered up but no sound. I checked and still had the original
> firmware. So again why not...I installed the new firmware per the new
> manual, which seemed to process rather quickly (20 seconds). I checked
> the firmware and it indicated I had the new version. I powered the rig
> off and back on. No sound, but all else seems normal.
> Well normal in that the dial lit up and sound started to work and then
> quit. I took the rig in the house and opened the case. From what I
> could see of the board nothing looked burned nor smelled burned. I
> again powered the rig up using a 12v AA battery pack setup. The rig
> powered and I had sound again for about 20 seconds then it quit. Now
> no matter what I do now, no sound either from the speaker or
> headphones. Is it a goner or do I have any hope of resurrecting it?
> Since I obviously don't have any testing equipment is there someone
> that I can send it to (Ed for instance) that might be able to repair
> my mistake? I did purchase it from Ed. ugh!!!
>
> Thanks in advance,
> Bill
> KK6WLS
>

2951. Re: [X1M_QRP-Transceiver] A little help 2nd try

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 03:41:50 UTC
From: <kk6wls@...>
Topic: 2949 Message: 2951

Charlie,

LM386 is the DIP, Smoke came out of the speaker holes.

Bill
KK6WLS

2952. Re: [X1M_QRP-Transceiver] A little help 2nd try

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 03:49:58 UTC
From: Charlie , W5COV
Topic: 2949 Message: 2952

Do you have a volt meter to check pins 4 and 6 on the LM-386 ? Pin 4 is negative.

Charlie

On 12/17/2013 9:41 PM, kk6wls@... wrote:
>
> Charlie,
>
>
> LM386 is the DIP, Smoke came out of the speaker holes.
>
>
> Bill
>
> KK6WLS
>
>

2953. RE: A little help 2nd try

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 03:52:16 UTC
From: <kk6wls@...>
Topic: 2949 Message: 2953

I have a minimal volt meter. But it should work for basic testing.

Bill

2954. RE: A little help 2nd try

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 03:57:34 UTC
From: <kk6wls@...>
Topic: 2949 Message: 2954

Charlie,

Pin 4 shows 0.00
Pin 6 shows 8.56 v

Bill

2955. Re: [X1M_QRP-Transceiver] A little help 2nd try

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 04:04:01 UTC
From: Dale Parfitt
Topic: 2949 Message: 2955

Look at D7A, D8A, U2A and U1A. These are the first components that the input voltage sees. Page 5 of the PRO Schematic.
Also the Power Drop ckt- U6A as it does not appear to be protected by the reverse polarity diodes D7A and D8A.

Dale W4OP
----- Original Message -----
From: kk6wls@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 17, 2013 10:41 PM
Subject: Re: [X1M_QRP-Transceiver] A little help 2nd try

Charlie,

LM386 is the DIP, Smoke came out of the speaker holes.

Bill

KK6WLS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6928 - Release Date: 12/17/13

2956. RE: [X1M_QRP-Transceiver] Success was short lived

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 04:08:57 UTC
From: Lee
Topic: 2944 Message: 2956

Sometimes it happens. Its Yahoo’s problem. The last time it happened to me nobody could upload to any group.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of disklog@...
Sent: Tuesday, December 17, 2013 8:23 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Success was short lived

Once again I can't upload photos. No idea what changed. This is enough to drive one crazy!!

2957. RE: [X1M_QRP-Transceiver] Success was short lived

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 04:15:06 UTC
From: Ian Coots
Topic: 2944 Message: 2957
Attachments: 1 described; binary payloads are missing from this source WARC

It’s happened to me again too..deleting cookies was a short lived fix.

Regards,

Ian Coots VK3YIC

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
Sent: Wednesday, 18 December 2013 3:09 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] Success was short lived

Sometimes it happens. Its Yahoo’s problem. The last time it happened to me nobody could upload to any group.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of disklog@...
Sent: Tuesday, December 17, 2013 8:23 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Success was short lived

Once again I can't upload photos. No idea what changed. This is enough to drive one crazy!!

2958. Re: [X1M_QRP-Transceiver] Success was short lived

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 04:20:09 UTC
From: Charlie , W5COV
Topic: 2944 Message: 2958
Attachments: 1 described; binary payloads are missing from this source WARC

Looks like Yahoo is rolling out some kind of change to the photo
section. I was just there and can't view some of the photo files.

They have Photomatic and Photostream , I could have missed them, but
this is the first time I remember paying attention to them.

Charlie , W5COV

On 12/17/2013 10:15 PM, Ian Coots wrote:
>
> It’s happened to me again too..deleting cookies was a short lived fix.
>
> //
>
> Regards,
>
> Ian Coots VK3YIC
>
> ausflag
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Lee
> *Sent:* Wednesday, 18 December 2013 3:09 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* RE: [X1M_QRP-Transceiver] Success was short lived
>
> Sometimes it happens. Its Yahoo’s problem. The last time it happened
> to me nobody could upload to any group.
>
> Lee – N9LO
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of
> *disklog@... <mailto:disklog@...>
> *Sent:* Tuesday, December 17, 2013 8:23 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Subject:* [X1M_QRP-Transceiver] Success was short lived
>
> Once again I can't upload photos. No idea what changed. This is enough
> to drive one crazy!!
>
>

2959. Re: [X1M_QRP-Transceiver] RE: A little help 2nd try

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 04:31:36 UTC
From: Dale Parfitt
Topic: 2949 Message: 2959

All is well there. then.

----- Original Message -----
From: kk6wls@gmail.com
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 17, 2013 10:57 PM
Subject: [X1M_QRP-Transceiver] RE: A little help 2nd try

Charlie,

Pin 4 shows 0.00

Pin 6 shows 8.56 v

Bill

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6928 - Release Date: 12/17/13

2960. Re: [X1M_QRP-Transceiver] Success was short lived

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 05:28:09 UTC
From: <ianrob@...>
Topic: 2944 Message: 2960

I just went through the "My account may have been compromised" procedure, part of which enables you to reset your password. I did that, and all is again well in the world. I can access all my groups and view all the photos. before, My groups were not showing up. Definitely a yahoo thing as I spent Sunday afternoon trying to get a friend's access to his yahoo mail account re-established as he couldn't access his mail . technology...sigh!
de Ian VK3YIC

2961. AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 05:29:07 UTC
From: Charlie , W5COV
Topic: 2961 Message: 2961

The AGC , SMD , KIT , originally designed and produced to fit inside of the X1M , is once again in stock and I am now taking orders for it.

This is the AGC KIT designed and first offered by our leading X1M engineer on this group, Dale Parfitt , W4OP.

Dale is busy currently working on a crystal CW filter KIT , also an internal board for the X1M.

I am using the same boards and parts as what Dale included in his kit. You can check it out in the Photos and Files section of this group.

I am continuing to make them available, for those that have just purchased their radios, or people that may have missed out on the first run.

The cost , INCLUDING SHIPPING IS :

USA STATIONS $12.00
DX STATIONS $14.00

PAYMENT MAY BE MADE BY PayPal or by check . My mailing address is good on QRZ.

For PayPal, it is cvestATcox.net

Thank you,

Charlie , W5COV

2962. RE: AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 14:03:39 UTC
From: <pooled@...>
Topic: 2961 Message: 2962

I have made a paypal payment Charlie, Now I just have to get a radio to put it in.
73s David
VK5NQP

2963. Programming Cable and Blue Screen of Death

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 14:07:44 UTC
From: Joseph Westbrook
Topic: 2963 Message: 2963

I have a stable (normally) working Win 7 PC. I bought the X1M Programming Cable and it doesn't seem to function very well. I purchased and I'm still awaiting the new "Pro" Panel. In the mean time, I've been using the XM1 with HRD and the performance is very poor. When attempting to change frequencies, HRD almost always hesitates which is really frustrating! Eventually after running for a few minutes, HRD will either lock up or the computer will "blue screen" because of this, I'm concerned about using this set up to update my firmware with my Win 7 PC. Is there anyone out there who have had similar issues? I have attempted various port settings including flow control, speed, etc. to no avail. Any input would be appreciated.

Thanks,
K7ZT, Joe

2964. Re: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 14:48:01 UTC
From: Bastress, David G
Topic: 2963 Message: 2964

GM Joe,

I don't know if this will give you any insight or not. I bought the programming cable with the X1M.

My computer uses XP and I don't use HRD but I have tried rig / computer control running FLDIGI. With my setup, there seems to be a second or two delay between stimulus and response either way the command goes. (rig>computer or computer>rig) It seems like it may be an X1M thing more than a programing cable thing. :-)

Dave K3GAU

On Wed, Dec 18, 2013 at 9:07 AM, Joseph Westbrook <k7zt@...> wrote:

>
>
> I have a stable (normally) working Win 7 PC. I bought the X1M Programming
> Cable and it doesn't seem to function very well. I purchased and I'm still
> awaiting the new "Pro" Panel. In the mean time, I've been using the XM1
> with HRD and the performance is very poor. When attempting to change
> frequencies, HRD almost always hesitates which is really frustrating!
> Eventually after running for a few minutes, HRD will either lock up or
> the computer will "blue screen" because of this, I'm concerned about using
> this set up to update my firmware with my Win 7 PC. Is there anyone out
> there who have had similar issues? I have attempted various port settings
> including flow control, speed, etc. to no avail. Any input would be
> appreciated.
>
> Thanks,
> K7ZT, Joe
>
>
>

2965. Another thought

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 15:06:55 UTC
From: Tim
Topic: 2886 Message: 2965

Hi folks,

I was thinking last night how it would be nice to be able to listen to AM stations with the lil' X1M.

But how? Well, so far I have found that I <always> need the preamp in to be able to bring things up to where I like to hear them. So, the preamp could be permanently enabled, thus 'freeing' up one of the control lines from the processor. (The AGC makes it ok as far as signal levels are concerned)

It doesn't take much to make an AM detector... I'm thinking a diode?!... Could use the MCU's now free I/O line to switch between detectors.

Food for thought... I'll ponder on it a bit more.

Fun for All!! :-)

Tim W5FN

2966. Re: [X1M_QRP-Transceiver] Another thought

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 15:32:48 UTC
From: Dale Parfitt
Topic: 2886 Message: 2966

Leaving the preamp on full time is not a good idea. The IP3 figure of the X1M will be degraded by the gain of the preamp. With my full sized antenas, having the preamp on for any frequency below 2MHz destroys the front end- all I hear is intermod and cross mod. This is good engineering practice for any of our HF rigs. If you need a preamp below 10MHz, there is likely something wrong with your front end.
The X1M AGC does nothing to help as it is controlling the stage post crystal filter.

As for AM, you can always use ECSSB- simply zerobeating the AM carrier. This also helps with selective fading as the opposite sideband is suppressed and thus not available for sideband cancellation. Whatever method you choose, the narrow crystal filter will be the ultimate limiting factor on how AM sounds.

Dale W4OP

To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 18, 2013 10:06 AM
Subject: [X1M_QRP-Transceiver] Another thought

Hi folks,

I was thinking last night how it would be nice to be able to listen to
AM stations with the lil' X1M.

But how? Well, so far I have found that I <always> need the preamp in
to be able to bring things up to where I like to hear them. So, the
preamp could be permanently enabled, thus 'freeing' up one of the
control lines from the processor. (The AGC makes it ok as far as signal
levels are concerned)

It doesn't take much to make an AM detector... I'm thinking a
diode?!... Could use the MCU's now free I/O line to switch between
detectors.

Food for thought... I'll ponder on it a bit more.

Fun for All!! :-)

Tim W5FN

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6930 - Release Date: 12/18/13

2967. Re: [X1M_QRP-Transceiver] AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 15:31:40 UTC
From: ken fest
Topic: 2961 Message: 2967

Charlie,
Check already sent.
Thanks,
Ken
N2LZV

On Wed, 12/18/13, Charlie , W5COV <cvest@...> wrote:

Subject: [X1M_QRP-Transceiver] AGC KIT AVAILABLE
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Wednesday, December 18, 2013, 12:29 AM

The AGC , SMD , KIT , originally
designed and produced to fit inside of
the X1M , is once again in stock and I am now taking orders
for it.

This is the AGC KIT designed and first offered by our
leading X1M
engineer on this group, Dale Parfitt , W4OP.

Dale is busy currently working on a crystal CW filter KIT ,
also an
internal board for the X1M.

I am using the same boards and parts as what Dale included
in his kit.
You can check it out in the Photos and Files section of this
group.

I am continuing to make them available, for those that have
just
purchased their radios, or people that may have missed out
on the first run.

The cost , INCLUDING SHIPPING IS :

USA STATIONS $12.00
DX   STATIONS $14.00

PAYMENT MAY BE MADE BY PayPal or by check . My mailing
address is good
on QRZ.

For PayPal, it is   cvestATcox.net

Thank you,

Charlie , W5COV

Yahoo Groups Links

X1M_QRP-Transceiver-fullfeatured@yahoogroups.com

2968. Re: [X1M_QRP-Transceiver] AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 15:55:57 UTC
From: mstangelo@...
Topic: 2961 Message: 2968

Charlie,

Will the AGC kit work in the X1M PRO as well as the X1M or does the X1M PRO hace AGC?

Mike N2MS
----- Original Message -----
From: W5COV Charlie <cvest@...>
To: X1M QRP-Transceiver <X1M_QRP-Transceiver@yahoogroups.com>
Sent: Wed, 18 Dec 2013 05:29:07 -0000 (UTC)
Subject: [X1M_QRP-Transceiver] AGC KIT AVAILABLE

The AGC , SMD , KIT , originally designed and produced to fit inside of
the X1M , is once again in stock and I am now taking orders for it.

This is the AGC KIT designed and first offered by our leading X1M
engineer on this group, Dale Parfitt , W4OP.

Dale is busy currently working on a crystal CW filter KIT , also an
internal board for the X1M.

I am using the same boards and parts as what Dale included in his kit.
You can check it out in the Photos and Files section of this group.

I am continuing to make them available, for those that have just
purchased their radios, or people that may have missed out on the first run.

The cost , INCLUDING SHIPPING IS :

USA STATIONS $12.00
DX STATIONS $14.00

PAYMENT MAY BE MADE BY PayPal or by check . My mailing address is good
on QRZ.

For PayPal, it is cvestATcox.net

Thank you,

Charlie , W5COV

Yahoo Groups Links

2969. Re: [X1M_QRP-Transceiver] AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 17:41:44 UTC
From: mikejmardis@...
Topic: 2961 Message: 2969

Charlie,
I apologize for being off topic but I finally have some radio time and want to get the radio up to speed.
My firmware shows as:
X1MPRO v1.01b USA Oct 14 '13.
Is this the most up to date?

Sent from my iPhone

> On Dec 18, 2013, at 10:31, ken fest <disklog@...> wrote:
>
> Charlie,
> Check already sent.
> Thanks,
> Ken
> N2LZV
> ----------
> On Wed, 12/18/13, Charlie , W5COV <cvest@cox.net> wrote:
>
> Subject: [X1M_QRP-Transceiver] AGC KIT AVAILABLE
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Wednesday, December 18, 2013, 12:29 AM
>
> The AGC , SMD , KIT , originally
> designed and produced to fit inside of
> the X1M , is once again in stock and I am now taking orders
> for it.
>
> This is the AGC KIT designed and first offered by our
> leading X1M
> engineer on this group, Dale Parfitt , W4OP.
>
> Dale is busy currently working on a crystal CW filter KIT ,
> also an
> internal board for the X1M.
>
> I am using the same boards and parts as what Dale included
> in his kit.
> You can check it out in the Photos and Files section of this
> group.
>
> I am continuing to make them available, for those that have
> just
> purchased their radios, or people that may have missed out
> on the first run.

>
> The cost , INCLUDING SHIPPING IS :
>
> USA STATIONS $12.00
> DX STATIONS $14.00
>
> PAYMENT MAY BE MADE BY PayPal or by check . My mailing
> address is good
> on QRZ.
>
> For PayPal, it is cvestATcox.net
>
> Thank you,
>
> Charlie , W5COV
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
> X1M_QRP-Transceiver-fullfeatured@yahoogroups.com
>
>
>

2970. Re: [X1M_QRP-Transceiver] AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 18:54:25 UTC
From: mikejmardis@...
Topic: 2961 Message: 2970

Disregard. I found the right vers

Sent from my iPhone

> On Dec 18, 2013, at 12:41, mikejmardis@... wrote:
>
> Charlie,
> I apologize for being off topic but I finally have some radio time and want to get the radio up to speed.
> My firmware shows as:
> X1MPRO v1.01b USA Oct 14 '13.
> Is this the most up to date?
>
> Sent from my iPhone
>
>> On Dec 18, 2013, at 10:31, ken fest <disklog@...> wrote:
>>
>>
>> Charlie,
>> Check already sent.
>> Thanks,
>> Ken
>> N2LZV
>> --
>> On Wed, 12/18/13, Charlie , W5COV <cvest@...> wrote:
>>
>> Subject: [X1M_QRP-Transceiver] AGC KIT AVAILABLE
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Date: Wednesday, December 18, 2013, 12:29 AM
>>
>> The AGC , SMD , KIT , originally
>> designed and produced to fit inside of
>> the X1M , is once again in stock and I am now taking orders
>> for it.
>>
>> This is the AGC KIT designed and first offered by our
>> leading X1M
>> engineer on this group, Dale Parfitt , W4OP.
>>
>> Dale is busy currently working on a crystal CW filter KIT ,
>> also an
>> internal board for the X1M.
>>
>> I am using the same boards and parts as what Dale included
>> in his kit.

>> You can check it out in the Photos and Files section of this
>> group.
>>
>> I am continuing to make them available, for those that have
>> just
>> purchased their radios, or people that may have missed out
>> on the first run.
>>
>> The cost , INCLUDING SHIPPING IS :
>>
>> USA STATIONS $12.00
>> DX STATIONS $14.00
>>
>> PAYMENT MAY BE MADE BY PayPal or by check . My mailing
>> address is good
>> on QRZ.
>>
>> For PayPal, it is cvestATcox.net
>>
>> Thank you,
>>
>> Charlie , W5COV
>>
>>
>> ------------------------------------
>>
>> Yahoo Groups Links
>>
>>
>> X1M_QRP-Transceiver-fullfeatured@yahoogroups.com
>
>

2971. AGC Install on newest X1M's

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 20:05:54 UTC
From: <mikejmardis@...>
Topic: 2971 Message: 2971

I'm looking for some clarification on some issues before I install the AGC board on my newest batch delivery of X1M's.

I don't need to do the audio mod?

I still need to cut pin5 of the MC1350 IF Gain IC? There is no longer a pot adjacent to it on my radio (like in the pic)

I'm not sure of the location of pin5 for U1 on the AGC board. Is it near the edge of the board next to C1?

I appreciate the assistance of anyone that can help.
Mike
N1SPZ

2972. Re: [X1M_QRP-Transceiver] AGC Install on newest X1M's

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 20:18:55 UTC
From: Dale Parfitt
Topic: 2971 Message: 2972

Hi Mike,
Look at the manual as it shows at least one photo of the installed board.
I think instead of lifting pin 5 on the new rigs I would remove the two fixed resistors that take the place of the pot. Then just attach the AGC out to the common pad left by removal of the SMD resistors. An Ohmmeter will quickly locate the proper pad.

Regards,

Dale W4OP
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 18, 2013 3:05 PM
Subject: [X1M_QRP-Transceiver] AGC Install on newest X1M's

I'm looking for some clarification on some issues before I install the AGC board on my newest batch delivery of X1M's.

I don't need to do the audio mod?

I still need to cut pin5 of the MC1350 IF Gain IC? There is no longer a pot adjacent to it on my radio (like in the pic)

I'm not sure of the location of pin5 for U1 on the AGC board. Is it near the edge of the board next to C1?

I appreciate the assistance of anyone that can help.

Mike

N1SPZ

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6930 - Release Date: 12/18/13

2973. Re: [X1M_QRP-Transceiver] AGC Install on newest X1M's

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 20:35:03 UTC
From: <mikejmardis@...>
Topic: 2971 Message: 2973

Thanks Dale! But, you have to dumby it down for me a little. Can you break down the steps for testing for the common? Was I correct about where pin5 is for U1 on the AGC board?

2974. Re: [X1M_QRP-Transceiver] AGC Install on newest X1M's

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 20:54:46 UTC
From: Dale Parfitt
Topic: 2971 Message: 2974

Page 5 of the manual shows the white wire from pad 4 of the AGC board to pin 5 of the MC1350 IC.
After removing the 2 SMD's (if that is what you choose to do) just use your VOM from pin 5 (power disconnected) to the pads from which you removed the SMD reistors. The pad that is common to pin 5 is the pad to solder the AGC wire to. Or, as before, use a pair of flush cutters to cut pin 5 loose from the PCB and attach W4 directly to the leg.

Dale
----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 18, 2013 3:35 PM
Subject: Re: [X1M_QRP-Transceiver] AGC Install on newest X1M's

Thanks Dale! But, you have to dumby it down for me a little. Can you break down the steps for testing for the common? Was I correct about where pin5 is for U1 on the AGC board?

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6930 - Release Date: 12/18/13

2975. Re: [X1M_QRP-Transceiver] AGC Install on newest X1M's

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 21:20:27 UTC
From: Charlie , W5COV
Topic: 2971 Message: 2975

Hi Mike,

I am certainly thankful that Dale is here for us. I am a "night shift person" and don't get on the computer until at the earliest noon, and lately a little later.

When you look at an ic there is a notch in the middle in most cases only on one end of the case. Sometimes it is a dot by pin 1 but the little notch is more common.

An IC is "normally" numbered relative to that notch. With the notch pointing up or toward the top the pins are then "normally" numbered on an 8 pin IC with the top left pin as pin 1 , then 2,3,4 to the bottom on the left side.

Now the right side of the chip, the numbers start on the bottom of the IC and are 5 Lower Right Corner , 6,7,8 going up.

Pins 1 & 8 are the two pins closest to the notch, but on different sides of the chip. Here is a crude picture of it.

```
u
1 8
2 7
3 6
4 5
```

Charlie, W5COV

On 12/18/2013 2:54 PM, Dale Parfitt wrote:
>
> □
>
> Page 5 of the manual shows the white wire from pad 4 of the AGC board
> to pin 5 of the MC1350 IC.
> After removing the 2 SMD's (if that is what you choose to do) just use
> your VOM from pin 5 (power disconnected) to the pads from which you
> removed the SMD reistors. The pad that is common to pin 5 is the pad
> to solder the AGC wire to. Or, as before, use a pair of flush cutters
> to cut pin 5 loose from the PCB and attach W4 directly to the leg.
> Dale
>
> ----- Original Message -----
> *From:* mikejmardis@... <mailto:mikejmardis@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>

> *Sent:* Wednesday, December 18, 2013 3:35 PM
> *Subject:* Re: [X1M_QRP-Transceiver] AGC Install on newest X1M's
>
> Thanks Dale! But, you have to dumby it down for me a little. Can
> you break down the steps for testing for the common? Was I correct
> about where pin5 is for U1 on the AGC board?
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6930 - Release Date:
> 12/18/13
>
>

2976. Re: [X1M_QRP-Transceiver] AGC Install on newest X1M's

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 21:25:27 UTC
From: <mikejmardis@...>
Topic: 2971 Message: 2976

Thank you, again. Now to show you my ignorance again, when testing the final voltage on pin5 of U1 on the AGC board, I assume the pos for the meter goes to pin5 and the neg goes to any ground? And am I correct in assuming U1's pin5 is on the outer edge of the board by C1?

Mike
N1SPZ

2977. RE: AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 21:38:32 UTC
From: <neilgoldstein@...>
Topic: 2961 Message: 2977

Has anyone done the AGC mod on an original (non-pro) X1M? I am interested in getting a kit, but I need to know what the differences are. I remember Dale mentioning that one of the chips that needs to be connected-to is SMD in the older model.

Neil W2NDG

2978. Re: [X1M_QRP-Transceiver] AGC Install on newest X1M's

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 21:39:53 UTC
From: Charlie , W5COV
Topic: 2971 Message: 2978

You are wanting to measure the voltage on pin 5 of the MC-1350 in the radio Mike.

I think I was thinking a little different than you, I was thinking radio and you were talking board. The pot on the board is used to set the voltage on pin 5 of the chip in the radio. So your positive meter probe goes to the radio MC-1350 pin 5 and a convenient ground point on the board.

Does this help ?

Charlie, W5COV

On 12/18/2013 3:25 PM, mikejmardis@... wrote:
>
> Thank you, again. Now to show you my ignorance again, when testing the
> final voltage on pin5 of U1 on the AGC board, I assume the pos for the
> meter goes to pin5 and the neg goes to any ground? And am I correct in
> assuming U1's pin5 is on the outer edge of the board by C1?
>
>
> Mike
>
> N1SPZ
>
>

2979. Re: [X1M_QRP-Transceiver] RE: AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 21:42:52 UTC
From: Charlie , W5COV
Topic: 2961 Message: 2979

Neil the MC-1350 is indeed a surface mount device in the original model
that had the round buttons. The kit will work, but I would say unless
you work with surface mount regularly, it will certainly be a challenge.

Charlie, W5COV

On 12/18/2013 3:38 PM, neilgoldstein@... wrote:
>
> Has anyone done the AGC mod on an original (non-pro) X1M? I am
> interested in getting a kit, but I need to know what the differences
> are. I remember Dale mentioning that one of the chips that needs to
> be connected-to is SMD in the older model.
>
>
> Neil W2NDG
>
>

2980. Re: [X1M_QRP-Transceiver] AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 21:51:41 UTC
From: Charlie , W5COV
Topic: 2961 Message: 2980

Hi Mike,

As far as I know, the factory has no plans of putting AGC in any runs of the X1M. NO runs of the X1M have AGC installed by the factory.

The X1M original and PRO on these production runs are basically the same identical radio on the inside . We just use the different terms to identify which run the radio came out of, because of slight component changes in the different runs.

The AGC board will work in all models, Dale, and others go out of their way to make certain that everything is universal.

However as noted on the original model X1M that had the round buttons , the MC-1350 IS A SURFACE MOUNT DEVICE !! However the kit is also ALL SURFACE MOUNT. So if you can build the kit, you can install it in the radio. However it is not quite as simple, for people like myself, to put it in the original as it is the boards with the DIP.

Charlie, W5COV

On 12/18/2013 9:55 AM, mstangelo@... wrote:
>
> Charlie,
>
> Will the AGC kit work in the X1M PRO as well as the X1M or does the
> X1M PRO hace AGC?
>
> Mike N2MS
> ----- Original Message -----
> From: W5COV Charlie <cvest@...>
> To: X1M QRP-Transceiver <X1M_QRP-Transceiver@yahoogroups.com>
> Sent: Wed, 18 Dec 2013 05:29:07 -0000 (UTC)
> Subject: [X1M_QRP-Transceiver] AGC KIT AVAILABLE
>
> The AGC , SMD , KIT , originally designed and produced to fit inside of
> the X1M , is once again in stock and I am now taking orders for it.
>
> This is the AGC KIT designed and first offered by our leading X1M
> engineer on this group, Dale Parfitt , W4OP.
>
> Dale is busy currently working on a crystal CW filter KIT , also an
> internal board for the X1M.
>
> I am using the same boards and parts as what Dale included in his kit.
> You can check it out in the Photos and Files section of this group.

>
> I am continuing to make them available, for those that have just
> purchased their radios, or people that may have missed out on the
> first run.
>
> The cost , INCLUDING SHIPPING IS :
>
> USA STATIONS $12.00
> DX STATIONS $14.00
>
> PAYMENT MAY BE MADE BY PayPal or by check . My mailing address is good
> on QRZ.
>
> For PayPal, it is cvestATcox.net
>
> Thank you,
>
> Charlie , W5COV
>
> ------------------------------------
>
> Yahoo Groups Links
>
>

2981. Re: [X1M_QRP-Transceiver] RE: AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 22:05:39 UTC
From: <neilgoldstein@...>
Topic: 2961 Message: 2981

As long as you think it is POSSIBLE to attach to the pin of the SMD MC-1350, I'll take one. I have a friend that deals with this stuff for a living who can assist.

2982. Re: [X1M_QRP-Transceiver] RE: AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 22:08:59 UTC
From: Tim
Topic: 2961 Message: 2982
Attachments: 1 described; binary payloads are missing from this source WARC

Neil,

I have one of the old units, and added the AGC board with no problems.
Actually, I removed the small pot (and cap) that that was on the MC1350,
(they are no longer needed) and then ran the wire to one of the pads.
To me, it was a lot easier than trying to lift the pin of the device.

Tim W5FN

Here's a pix of what it looks like:

>
>
> Neil the MC-1350 is indeed a surface mount device in the original
> model that had the round buttons. The kit will work, but I would say
> unless you work with surface mount regularly, it will certainly be a
> challenge.
>
> Charlie, W5COV
>
> On 12/18/2013 3:38 PM, neilgoldstein@... wrote:
>>
>> Has anyone done the AGC mod on an original (non-pro) X1M? I am
>> interested in getting a kit, but I need to know what the differences
>> are. I remember Dale mentioning that one of the chips that needs to
>> be connected-to is SMD in the older model.
>>
>>
>> Neil W2NDG
>>
>
>
>
>

2983. Re: [X1M_QRP-Transceiver] RE: AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 22:12:48 UTC
From: Charlie , W5COV
Topic: 2961 Message: 2983

Neil I have no doubt that a person that deals with it regularly can accomplish that. However to confirm my belief, I will actually try it myself and I have Parkinsons like tremors in my hands and vision problems, so if I can do it successfully, I'll let you know for sure. I'll catch one of my "good" soldering times. I want people that buy it to indeed be able to use it.

Charlie , W5COV

On 12/18/2013 4:05 PM, neilgoldstein@... wrote:
>
> As long as you think it is POSSIBLE to attach to the pin of the SMD
> MC-1350, I'll take one. I have a friend that deals with this stuff
> for a living who can assist.
>
>

2984. Re: [X1M_QRP-Transceiver] RE: AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 22:15:43 UTC
From: Charlie , W5COV
Topic: 2961 Message: 2984
Attachments: 1 described; binary payloads are missing from this source WARC

Tim thanks for the tips and pictures !!! That information is indeed VERY helpful !!

Perhaps we can get those pictures uploaded to the web page.

Charlie, W5COV

On 12/18/2013 4:08 PM, Tim wrote:
> Neil,
>
> I have one of the old units, and added the AGC board with no
> problems. Actually, I removed the small pot (and cap) that that was
> on the MC1350, (they are no longer needed) and then ran the wire to
> one of the pads. To me, it was a lot easier than trying to lift the
> pin of the device.
>
> Tim W5FN
>
> Here's a pix of what it looks like:
>
>
>
>> Neil the MC-1350 is indeed a surface mount device in the original
>> model that had the round buttons. The kit will work, but I would say
>> unless you work with surface mount regularly, it will certainly be a
>> challenge.
>>
>> Charlie, W5COV
>>
>> On 12/18/2013 3:38 PM, neilgoldstein@... wrote:
>>>
>>> Has anyone done the AGC mod on an original (non-pro) X1M? I am
>>> interested in getting a kit, but I need to know what the differences
>>> are. I remember Dale mentioning that one of the chips that needs to
>>> be connected-to is SMD in the older model.
>>>
>>>
>>> Neil W2NDG
>>>
>>
>

2985. RE: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 22:22:03 UTC
From: Ian Coots
Topic: 2963 Message: 2985
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Joe,

A couple of things that spring to mind immediately. Have you chosen IC-718 as the radio?

Secondly, your version of MAY not be compatible with W7 and you may have to run it using the "XP version" available as a component within W7 (Click on start, click on help and support and type" compatibility mode" in the search window for instructions. Older programs not compatible with W7 may still be run if this option is chosen.this MAY be your problem. Good luck in solving it

73

De Ian VK3YICs

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Joseph Westbrook
Sent: Thursday, 19 December 2013 1:08 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

I have a stable (normally) working Win 7 PC. I bought the X1M Programming Cable and it doesn't seem to function very well. I purchased and I'm still awaiting the new "Pro" Panel. In the mean time, I've been using the XM1 with HRD and the performance is very poor. When attempting to change frequencies, HRD almost always hesitates which is really frustrating! Eventually after running for a few minutes, HRD will either lock up or the computer will "blue screen" because of this, I'm concerned about using this set up to update my firmware with my Win 7 PC. Is there anyone out there who have had similar issues? I have attempted various port settings including flow control, speed, etc. to no avail. Any input would be appreciated.

Thanks,

K7ZT, Joe

2986. RE: AGC Install on newest X1M's

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 23:06:15 UTC
From: <mikejmardis@...>
Topic: 2971 Message: 2986

Thank you Dale and Charlie. Success! Another first for me in the hobby. I couldn't have done it without you guys.
Dale, I removed the resistors as you suggested. A far better choice.
I have very crude soldering equipment and skills.

2987. Re: [X1M_QRP-Transceiver] RE: AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 23:25:56 UTC
From: <neilgoldstein@...>
Topic: 2961 Message: 2987

Tim, can you upload this? it doesn't show in the message for me, and/or email it to neil(at)neilgoldstein(dot)com. Thanks!

2988. Original X1M with AGC board

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 23:32:53 UTC
From: Tim
Topic: 2961 Message: 2988
Attachments: 1 described; binary payloads are missing from this source WARC

All,

Here's a picture of the connections, etc for the original X1M & AGC board.

Tim W5FN

2989. Re: [X1M_QRP-Transceiver] RE: AGC Install on newest X1M's

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 23:34:44 UTC
From: Charlie , W5COV
Topic: 2971 Message: 2989

CONGRATULATIONS Mike !! Actually it is no small feat for someone new to doing this.

Hopefully this will just be the beginning for you of enjoying building kits and other circuits.

Dale is working very hard, in his spare time, which he has precious little of, on another great accessory for the X1M, especially if you work CW.

You might also want to consider adding the 9 MHz. notch filter too.

If you do enjoy things like what you just did , you might consider getting you a cheap breadbaord and power supply off of eBay. Less than $10 total, but a lifetime of fun. I use mine almost every day and I know Dale uses his regularly also.

Here is a page by a friend of mine, that offers a wide variety of hobbyist electronic projects that are easy to build, inexpensive, and actually serve a useful purpose when you are done. www.techlib.com . Also be sure to check his Circuits link to more projects .

Best 73, Charlie, W5COV

On 12/18/2013 5:06 PM, mikejmardis@... wrote:
>
> Thank you Dale and Charlie. Success! Another first for me in the
> hobby. I couldn't have done it without you guys.
>
> Dale, I removed the resistors as you suggested. A far better choice.
>
> I have very crude soldering equipment and skills.
>
>

2990. Re: [X1M_QRP-Transceiver] Original X1M with AGC board

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 23:41:45 UTC
From: Charlie , W5COV
Topic: 2961 Message: 2990
Attachments: 1 described; binary payloads are missing from this source WARC

Yes Tim, if you could please upload all of your photos to the group photos , it would certainly be appreciated. Excellent pictures and description of how to make it MUCH easier to do on an original board.

Charlie, W5COV

On 12/18/2013 5:32 PM, Tim wrote:
> All,
>
> Here's a picture of the connections, etc for the original X1M & AGC board.
>
> Tim W5FN
>
>

2991. Re: [X1M_QRP-Transceiver] RE: AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 23:43:54 UTC
From: <neilgoldstein@...>
Topic: 2961 Message: 2991

I think I'll take one. I'm assuming I need to send you $12 via paypal. My face upgrade should be in soon too. Looking forward to both.

2992. Re: [X1M_QRP-Transceiver] RE: AGC Install on newest X1M's

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 23:45:40 UTC
From: mikejmardis@...
Topic: 2971 Message: 2992

Thank you Charlie. This is definitely not the end. I already have a bunch of other kits coming that I ordered after building the AGC.
Where's the info on the 9Mhz filter? I also want to do the speaker. Have you done that yet (if so, was it worth it?)?
I will also be doing the CW filter when Dale is finished with it.
Mike
N1SPZ

Sent from my iPhone

> On Dec 18, 2013, at 18:34, "Charlie , W5COV" <cvest@...> wrote:
>
> CONGRATULATIONS Mike !! Actually it is no small feat for someone new to doing this.
>
> Hopefully this will just be the beginning for you of enjoying building kits and other circuits.
>
> Dale is working very hard, in his spare time, which he has precious little of, on another great accessory for the X1M, especially if you work CW.
>
> You might also want to consider adding the 9 MHz. notch filter too.
>
> If you do enjoy things like what you just did , you might consider getting you a cheap breadbaord and power supply off of eBay. Less than $10 total, but a lifetime of fun. I use mine almost every day and I know Dale uses his regularly also.
>
> Here is a page by a friend of mine, that offers a wide variety of hobbyist electronic projects that are easy to build, inexpensive, and actually serve a useful purpose when you are done. www.techlib.com . Also be sure to check his Circuits link to more projects .
>
> Best 73, Charlie, W5COV
>
>
>> On 12/18/2013 5:06 PM, mikejmardis@... wrote:
>>
>> Thank you Dale and Charlie. Success! Another first for me in the hobby. I couldn't have done it without you guys.
>>
>> Dale, I removed the resistors as you suggested. A far better choice.
>>
>> I have very crude soldering equipment and skills.
>>
>
>

2993. Re: [X1M_QRP-Transceiver] RE: AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-18 23:50:32 UTC
From: Charlie , W5COV
Topic: 2961 Message: 2993

Yes Neil , that will be fine. I will be shipping the first group out in the morning.

If after you receive it, you don't feel comfortable with it , I will refund your money. This is not a money making venture, and I want everyone that buys one, to be 100% satisfied with it.

You will REALLY enjoy the face upgrade !!

Charlie, W5COV

On 12/18/2013 5:43 PM, neilgoldstein@... wrote:
>
> I think I'll take one. I'm assuming I need to send you $12 via
> paypal. My face upgrade should be in soon too. Looking forward to both.
>
>

2994. Re: [X1M_QRP-Transceiver] RE: AGC Install on newest X1M's

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 00:00:21 UTC
From: Charlie , W5COV
Topic: 2971 Message: 2994

Here is a link to the 9MHz. filter pictures.
http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/photos/albums/1155308251

In message number 2883 Tim gives a step by step description of his work.

Charlie, W5COV

On 12/18/2013 5:45 PM, mikejmardis@... wrote:
> Thank you Charlie. This is definitely not the end. I already have a
> bunch of other kits coming that I ordered after building the AGC.
> Where's the info on the 9Mhz filter? I also want to do the speaker.
> Have you done that yet (if so, was it worth it?)?
> I will also be doing the CW filter when Dale is finished with it.
> Mike
> N1SPZ
>
> Sent from my iPhone
>
> On Dec 18, 2013, at 18:34, "Charlie , W5COV" <cvest@...
> <mailto:cvest@...>> wrote:
>
>> CONGRATULATIONS Mike !! Actually it is no small feat for someone new
>> to doing this.
>>
>> Hopefully this will just be the beginning for you of enjoying
>> building kits and other circuits.
>>
>> Dale is working very hard, in his spare time, which he has precious
>> little of, on another great accessory for the X1M, especially if you
>> work CW.
>>
>> You might also want to consider adding the 9 MHz. notch filter too.
>>
>> If you do enjoy things like what you just did , you might consider
>> getting you a cheap breadbaord and power supply off of eBay. Less
>> than $10 total, but a lifetime of fun. I use mine almost every day
>> and I know Dale uses his regularly also.
>>
>> Here is a page by a friend of mine, that offers a wide variety of
>> hobbyist electronic projects that are easy to build, inexpensive, and
>> actually serve a useful purpose when you are done. www.techlib.com .
>> Also be sure to check his Circuits link to more projects .
>>
>> Best 73, Charlie, W5COV
>>
>>

>> On 12/18/2013 5:06 PM, mikejmardis@... wrote:
>>>
>>> Thank you Dale and Charlie. Success! Another first for me in the
>>> hobby. I couldn't have done it without you guys.
>>>
>>> Dale, I removed the resistors as you suggested. A far better choice.
>>>
>>> I have very crude soldering equipment and skills.
>>>
>>
>

2995. Re: [X1M_QRP-Transceiver] RE: AGC Install on newest X1M's

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 00:02:07 UTC
From: Charlie , W5COV
Topic: 2971 Message: 2995

Sorry Mike, I forgot, yes the speaker is a nice change to make.

Charlie

On 12/18/2013 5:45 PM, mikejmardis@... wrote:
> Thank you Charlie. This is definitely not the end. I already have a
> bunch of other kits coming that I ordered after building the AGC.
> Where's the info on the 9Mhz filter? I also want to do the speaker.
> Have you done that yet (if so, was it worth it?)?
> I will also be doing the CW filter when Dale is finished with it.
> Mike
> N1SPZ
>
> Sent from my iPhone
>
> On Dec 18, 2013, at 18:34, "Charlie , W5COV" <cvest@...
> <mailto:cvest@...>> wrote:
>
>> CONGRATULATIONS Mike !! Actually it is no small feat for someone new
>> to doing this.
>>
>> Hopefully this will just be the beginning for you of enjoying
>> building kits and other circuits.
>>
>> Dale is working very hard, in his spare time, which he has precious
>> little of, on another great accessory for the X1M, especially if you
>> work CW.
>>
>> You might also want to consider adding the 9 MHz. notch filter too.
>>
>> If you do enjoy things like what you just did , you might consider
>> getting you a cheap breadbaord and power supply off of eBay. Less
>> than $10 total, but a lifetime of fun. I use mine almost every day
>> and I know Dale uses his regularly also.
>>
>> Here is a page by a friend of mine, that offers a wide variety of
>> hobbyist electronic projects that are easy to build, inexpensive, and
>> actually serve a useful purpose when you are done. www.techlib.com .
>> Also be sure to check his Circuits link to more projects .
>>
>> Best 73, Charlie, W5COV
>>
>>
>> On 12/18/2013 5:06 PM, mikejmardis@... wrote:
>>>

>>> Thank you Dale and Charlie. Success! Another first for me in the
>>> hobby. I couldn't have done it without you guys.
>>>
>>> Dale, I removed the resistors as you suggested. A far better choice.
>>>
>>> I have very crude soldering equipment and skills.
>>>
>>
>

2996. Re: [X1M_QRP-Transceiver] AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 00:34:20 UTC
From: mstangelo@...
Topic: 2961 Message: 2996

Charlie,

Thanks for the information. I will order one.

Mike N2MS
----- Original Message -----
From: W5COV Charlie <cvest@...>
To: X1M QRP-Transceiver <X1M_QRP-Transceiver@yahoogroups.com>
Sent: Wed, 18 Dec 2013 21:51:41 -0000 (UTC)
Subject: Re: [X1M_QRP-Transceiver] AGC KIT AVAILABLE

Hi Mike,

As far as I know, the factory has no plans of putting AGC in any runs of the X1M. NO runs of the X1M have AGC installed by the factory.

The X1M original and PRO on these production runs are basically the same identical radio on the inside . We just use the different terms to identify which run the radio came out of, because of slight component changes in the different runs.

The AGC board will work in all models, Dale, and others go out of their way to make certain that everything is universal.

However as noted on the original model X1M that had the round buttons , the MC-1350 IS A SURFACE MOUNT DEVICE !! However the kit is also ALL SURFACE MOUNT. So if you can build the kit, you can install it in the radio. However it is not quite as simple, for people like myself, to put it in the original as it is the boards with the DIP.

Charlie, W5COV

On 12/18/2013 9:55 AM, mstangelo@... wrote:
>
> Charlie,
>
> Will the AGC kit work in the X1M PRO as well as the X1M or does the
> X1M PRO hace AGC?
>
> Mike N2MS
> ----- Original Message -----
> From: W5COV Charlie <cvest@...>
> To: X1M QRP-Transceiver <X1M_QRP-Transceiver@yahoogroups.com>
> Sent: Wed, 18 Dec 2013 05:29:07 -0000 (UTC)
> Subject: [X1M_QRP-Transceiver] AGC KIT AVAILABLE
>
> The AGC , SMD , KIT , originally designed and produced to fit inside of

> the X1M , is once again in stock and I am now taking orders for it.
>
> This is the AGC KIT designed and first offered by our leading X1M
> engineer on this group, Dale Parfitt , W4OP.
>
> Dale is busy currently working on a crystal CW filter KIT , also an
> internal board for the X1M.
>
> I am using the same boards and parts as what Dale included in his kit.
> You can check it out in the Photos and Files section of this group.
>
> I am continuing to make them available, for those that have just
> purchased their radios, or people that may have missed out on the
> first run.
>
> The cost , INCLUDING SHIPPING IS :
>
> USA STATIONS $12.00
> DX STATIONS $14.00
>
> PAYMENT MAY BE MADE BY PayPal or by check . My mailing address is good
> on QRZ.
>
> For PayPal, it is cvestATcox.net
>
> Thank you,
>
> Charlie , W5COV
>
> ------------------------------------
>
> Yahoo Groups Links
>
>

2997. Re: [X1M_QRP-Transceiver] RE: AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 01:22:55 UTC
From: Dale Parfitt
Topic: 2961 Message: 2997

It may even be easier with the SMD 1350, as it just means lifting a leg as opposed to try pulling it out of a plated through hole or cutting the leg as in the DIP package.

Dale W4OP
----- Original Message -----
From: neilgoldstein@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 18, 2013 5:05 PM
Subject: Re: [X1M_QRP-Transceiver] RE: AGC KIT AVAILABLE

As long as you think it is POSSIBLE to attach to the pin of the SMD MC-1350, I'll take one. I have a friend that deals with this stuff for a living who can assist.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6930 - Release Date: 12/18/13

2998. S Meter Circuit In Files

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 05:00:40 UTC
From: <disklog@...>
Topic: 2998 Message: 2998

I have posted an S meter circuit in the files section. I built it and tested today and it works well with the AGC circuit board designed by Dale. Please note: You must have a working AGC board in your radio before you can add this circuit.
The entire circuit is small enough that it can be built with large through hole parts and mounted inside the meter box. Three wires are needed to be brought out of the radio- 9vdc, Ground, and the AGC signal from pin 5 or from the W4 pad on the AGC board.
How you do this is up to you.
To test the circuit I used an edgeview S meter from an old CB radio. Most any low current meter will work.
Have fun,
Ken N2LZV

2999. Odd audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 06:26:58 UTC
From: Daniel Stine
Topic: 2999 Message: 2999

I've been testing my radio over the past couple of days because I had the sneaking suspicion my signal wasn't getting out. Anyway, I have the most recent X1M Pro, just ordered it about 10 days ago and it arrived about five days ago. Last night, I tried testing it with two of the local hams, neither was able to hear me. So today, I decided to test it again. This time, I used a Grundig SW radio with SSB reception as the receiver, and I transmitted it into a dummy load. I was able to receive a faint signal. I could hear myself, but it sounded quieter than it should've been and kind of distorted. With the antenna hooked up (an MFJ-1621 indoor antenna), all I could receive was a harsh static noise, no voice. I'm assuming that's to be chalked up to it being an MFJ antenna, I've heard that some people have had problems with that antenna and the solder joints. But the audio problem is a different sort. I would've tested CW as well, but I need a 1/4" to 3.5mm adapter, which is in the mail. Has anyone had any audio problems like that before, quieter and distorted? I can't get a good recording of it, unfortunately. The signal out of the speaker is too weak.

3000. Re: [X1M_QRP-Transceiver] Odd audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 06:41:51 UTC
From: Charlie , W5COV
Topic: 2999 Message: 3000

Have you adjusted the microphone gain pot inside the top cover ? Also a CW power reading is needed to go much further . Also check your microphone plug and see that all of the wires have a solid well soldered connection. Mic gain is discussed in the manual.

Charlie , W5COV

On 12/19/2013 12:26 AM, Daniel Stine wrote:
>
> I've been testing my radio over the past couple of days because I had
> the sneaking suspicion my signal wasn't getting out. Anyway, I have
> the most recent X1M Pro, just ordered it about 10 days ago and it
> arrived about five days ago. Last night, I tried testing it with two
> of the local hams, neither was able to hear me. So today, I decided to
> test it again. This time, I used a Grundig SW radio with SSB reception
> as the receiver, and I transmitted it into a dummy load. I was able to
> receive a faint signal. I could hear myself, but it sounded quieter
> than it should've been and kind of distorted. With the antenna hooked
> up (an MFJ-1621 indoor antenna), all I could receive was a harsh
> static noise, no voice. I'm assuming that's to be chalked up to it
> being an MFJ antenna, I've heard that some people have had problems
> with that antenna and the solder joints. But the audio problem is a
> different sort. I would've tested CW as well, but I need a 1/4" to
> 3.5mm adapter, which is in the mail. Has anyone had any audio problems
> like that before, quieter and distorted? I can't get a good recording
> of it, unfortunately. The signal out of the speaker is too weak.
>
>

3001. RE: [X1M_QRP-Transceiver] S Meter Circuit In Files

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 07:22:26 UTC
From: Ian Coots
Topic: 2998 Message: 3001
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Ken,

I was just talking to Charlie about this today so your email re: the S meter is very timely.

A question… Does the 5v need to come from inside the radio, or could it be sourced from the radio's initial 12-14V external power supply/battery?

If so, that would only mean 1 wire to come from within the X1M, and if I'm not mistaken, pin 9 on the DB9 socket is not being used for anything so that could be used.

Regards,

Ian Coots (VK3YIC)

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of disklog@...
Sent: Thursday, 19 December 2013 4:01 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] S Meter Circuit In Files

I have posted an S meter circuit in the files section. I built it and tested today and it works well with the AGC circuit board designed by Dale. Please note: You must have a working AGC board in your radio before you can add this circuit.
The entire circuit is small enough that it can be built with large through hole parts and mounted inside the meter box. Three wires are needed to be brought out of the radio- 9vdc, Ground, and the AGC signal from pin 5 or from the W4 pad on the AGC board.
How you do this is up to you.
To test the circuit I used an edgeview S meter from an old CB radio. Most any low current meter will work.
Have fun,
Ken N2LZV

3002. Re: [X1M_QRP-Transceiver] Odd audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 09:25:27 UTC
From: Charlie , W5COV
Topic: 2999 Message: 3002

I would also add that the distortion issue is likely fairly easily corrected , but first things first, be sure to adjust the microphone gain . Also one other thought, is to measure the voltage to the radio and current too, would be helpful doing the CW power test. ALL of your testing should be into a good 50 ohm dummy load , for troubleshooting your problem.

Also on the receive issue , it may or may not be antenna related . We can address that issue also once we get a bit more information.

Charlie, W5COV

On 12/19/2013 12:41 AM, Charlie , W5COV wrote:
>
> Have you adjusted the microphone gain pot inside the top cover ? Also
> a CW power reading is needed to go much further . Also check your
> microphone plug and see that all of the wires have a solid well
> soldered connection. Mic gain is discussed in the manual.
>
> Charlie , W5COV
>
>
> On 12/19/2013 12:26 AM, Daniel Stine wrote:
>>
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>> the sneaking suspicion my signal wasn't getting out. Anyway, I have
>> the most recent X1M Pro, just ordered it about 10 days ago and it
>> arrived about five days ago. Last night, I tried testing it with two
>> of the local hams, neither was able to hear me. So today, I decided
>> to test it again. This time, I used a Grundig SW radio with SSB
>> reception as the receiver, and I transmitted it into a dummy load. I
>> was able to receive a faint signal. I could hear myself, but it
>> sounded quieter than it should've been and kind of distorted. With
>> the antenna hooked up (an MFJ-1621 indoor antenna), all I could
>> receive was a harsh static noise, no voice. I'm assuming that's to be
>> chalked up to it being an MFJ antenna, I've heard that some people
>> have had problems with that antenna and the solder joints. But the
>> audio problem is a different sort. I would've tested CW as well, but
>> I need a 1/4" to 3.5mm adapter, which is in the mail. Has anyone had
>> any audio problems like that before, quieter and distorted? I can't
>> get a good recording of it, unfortunately. The signal out of the
>> speaker is too weak.
>>
>
>

3003. X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 09:37:41 UTC
From: Joe
Topic: 2998 Message: 3003

Hi group,

this morning, after finishing LPF for LF and MF I checked the output of the X1N Pro on 136kKz and 476kHz.

First of all, DON´T TRY TO TRANSMIT ON LF!!!

There is no output power detectable but the drawn current reaches 3A!

The radio is getting realy hot, so I stoped further test on this Band.

Setup: X1M -à LPF à Antennascope à Dummyload

The signal on MF is ok, but max output is 22,5mW! Thats enough to drive a amp. Unfortunaly my antenna is tuned to LF so I ´did not test it on the antenna but will do next weekend.

I put some pictures of the test in the photo section.

BTW; Antennascope; channel1 = Voltage/50Ohms 1V on the scope = 50V channel2= antenna current 1V = 1A

73 Joe

3004. Re: [X1M_QRP-Transceiver] X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 09:52:19 UTC
From: Hans H Vollmer
Topic: 2998 Message: 3004

Hi MF-Fans,

my X1M delivers on 475 kHz nearly 4.5 Watts into a Dummy-Load.

The same on 137 kHz.

There might be something wrong with your X1M.

73 de Hans, DF5SR

On Thursday, December 19, 2013 10:37 AM, Joe <df2jp@gmx.de> wrote:

Hi group,

this morning, after finishing LPF for LF and MF I checked the output of the X1N Pro on 136kKz and 476kHz.
First of all, DON´T TRY TO TRANSMIT ON LF!!!
There is no output power detectable but the drawn current reaches 3A!
The radio is getting realy hot, so I stoped further test on this Band.

Setup: X1M -à LPF àAntennascope àDummyload

The signal on MF is ok, but max output is 22,5mW! Thats enough to drive a amp. Unfortunaly my antenna is tuned to LF so I ´did not test it on the antenna but will do next weekend.
I put some pictures of the test in the photo section.

BTW; Antennascope; channel1 = Voltage/50Ohms 1V on the scope = 50V channel2= antenna current 1V = 1A

73 Joe

3005. AW: [X1M_QRP-Transceiver] X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 11:01:42 UTC
From: Joe
Topic: 2998 Message: 3005

Hi Hans,

how did You messure the 4. 5W on LF/MF?

I got the same result of abt. 6 Watt on 136kHz, messuring bradband.

But it is unfortunaly not so interesting what is transmittet on 9 and 11MHz, You need to messure the desired frequency.

I was wondering why I was not vissible in DK7FC QRSS Grabber, regular with 5 Watt no problem, but nil with the X1M.

73 Joe

Von: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] Im Auftrag von Hans H Vollmer
Gesendet: Donnerstag, 19. Dezember 2013 10:52
An: X1M_QRP-Transceiver@yahoogroups.com
Betreff: Re: [X1M_QRP-Transceiver] X1M pro LF/MF TX Test

Hi MF-Fans,

my X1M delivers on 475 kHz nearly 4.5 Watts into a Dummy-Load.

The same on 137 kHz.

There might be something wrong with your X1M.

73 de Hans, DF5SR

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Hi group,

this morning, after finishing LPF for LF and MF I checked the output of the X1N Pro on 136kKz and 476kHz.

First of all, DON´T TRY TO TRANSMIT ON LF!!!

There is no output power detectable but the drawn current reaches 3A!

The radio is getting realy hot, so I stoped further test on this Band.

Setup: X1M -à LPF à Antennascope à Dummyload

The signal on MF is ok, but max output is 22,5mW! Thats enough to drive a amp. Unfortunaly my antenna is tuned to LF so I ´did not test it on the antenna but will do next weekend.

I put some pictures of the test in the photo section.

BTW; Antennascope; channel1 = Voltage/50Ohms 1V on the scope = 50V channel2= antenna current 1V = 1A

73 Joe

3006. Re: [X1M_QRP-Transceiver] X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 11:23:44 UTC
From: Charlie , W5COV
Topic: 2998 Message: 3006

Hi Joe,

I agree with Hans . Many of us have been experimenting with and also using it on MF / LF . I too see roughly 4.5 watts on 2200, 1750, and 600 meters into a 50 ohm dummy load.

I only wish they would lower the bottom frequency limit of the radio, below 100 kHz. It is a very very simple software change for the controller. It would be nice to have 4K meters available and to be able to listen to WWVB on 60 kHz. There are also several commercial stations in the USA in the 20 kHz. range, that many people use as a reference signal for their home built SID receivers. I use 60 kHz., WWVB , but have a dedicated home brew almost too simple of a receiver to use for my signal source for logging and charting SID events with. So I would like to see how the X1M does for a SID reference receiver.

I have been active on these frequencies for more than a decade now, and had the power output, checked for me, by an original X1M owner in Canada , before I bought my X1M PRO and the power output he had on all of the mentioned frequencies were the ultimate deciding factor in my buying my radio.He had 4 plus watts output on all of the frequencies in question, and is a member of this group also.You can check the message archive for my questions and his answers just prior to my purchasing my X1M.

What do you show on a dummy load without your filters ? What are the design parameters of your filters ?

It is being successfully used on Opera, WSPR, and QRSS in other countries too.

I'll have a look at your photos, but I have tried it on 3 different X1M's and all were successful with my tests. I am finishing up a 4th X1M tomorrow and checking on those bands is always a part of my full and final testing.

There must be a problem somewhere in your X1M setup. Also what kind of loading coil and LF antenna are you using ? Which version X1M are you using ?

What MF band/frequency are you testing on ?

I am quite certain others like Hans and myself using it successfully in all of these ranges will weigh in with the positive results that they too are experiencing.

As a matter of fact, you are the first person that I have seen any issues on these frequencies, so I am certain that we will all be

interested in learning more about your entire system.

Best 73 , Charlie, W5COV

On 12/19/2013 3:37 AM, Joe wrote:
>
> Hi group,
>
> this morning, after finishing LPF for LF and MF I checked the output
> of the X1N Pro on 136kKz and 476kHz.
>
> First of all, *DON´T TRY TO TRANSMIT ON LF!!!*
>
> There is no output power detectable but the drawn current reaches 3A!
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> The radio is getting realy hot, so I stoped further test on this Band.
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> drive a amp. Unfortunaly my antenna is tuned to LF so I ´did not test
> it on the antenna but will do next weekend.
>
> I put some pictures of the test in the photo section.
>
> BTW; Antennascope; channel1 = Voltage/50Ohms 1V on the scope =
> 50V channel2= antenna current 1V = 1A
>
> 73 Joe
>
>

3007. Re: [X1M_QRP-Transceiver] X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 11:25:56 UTC
From: Charlie , W5COV
Topic: 2998 Message: 3007

My results are almost identical to yours Hans. I have asked him for more details. He is the only station that I have seen such a report from.

73, Charlie , W5COV

On 12/19/2013 3:52 AM, Hans H Vollmer wrote:
> Hi MF-Fans,
>
> my X1M delivers on 475 kHz nearly 4.5 Watts into a Dummy-Load.
>
> The same on 137 kHz.
>
> There might be something wrong with your X1M.
>
> 73 de Hans, DF5SR
>
>
>
> On Thursday, December 19, 2013 10:37 AM, Joe <df2jp@...> wrote:
> Hi group,
> this morning, after finishing LPF for LF and MF I checked the output
> of the X1N Pro on 136kKz and 476kHz.
> First of all, *DON´T TRY TO TRANSMIT ON LF!!!*
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> 73 Joe
>
>
>

3008. Re: [X1M_QRP-Transceiver] X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 12:25:56 UTC
From: Hans H Vollmer
Topic: 2998 Message: 3008

Hey Joe (in memory of J.H. hi)

I've tested for the first time without any filtering (broadband)
but I will test later with my spectrum-analyzer.
What sort of filtering did you use lp or bp?
73 de Hans, DF5SR

On Thursday, December 19, 2013 12:26 PM, "Charlie , W5COV" <cvest@...> wrote:

My results are almost identical to yours Hans. I have asked him for more details. He is the only station that I have seen such a report from.

73, Charlie , W5COV

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>Setup: X1M -à LPF àAntennascope àDummyload
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>The signal on MF is ok, but max output is 22,5mW! Thats enough to drive a amp. Unfortunaly

my antenna is tuned to LF so I ´did not test it on the antenna but will do next weekend.
>I put some pictures of the test in the photo section.
>
>BTW; Antennascope; channel1 = Voltage/50Ohms   1V on the scope = 50V   channel2=
antenna current 1V = 1A
>
>73 Joe
>
>

3009. Re: [X1M_QRP-Transceiver] X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 12:29:11 UTC
From: Hans H Vollmer
Topic: 2998 Message: 3009

Hey Joe (in memory of J.H. hi)

I've tested for the first time without any filtering (broadband)
but I will test later with my spectrum-analyzer.
What sort of filtering did you use lp or bp?
73 de Hans, DF5SR

On , Hans H Vollmer <hanshvollmer@...> wrote:

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I've tested for the first time without any filtering (broadband)
but I will test later with my spectrum-analyzer.
What sort of filtering did you use lp or bp?
73 de Hans, DF5SR

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>
>
>
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>
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>First of all, DON´T TRY TO TRANSMIT ON LF!!!
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>Setup: X1M -à LPF àAntennascope àDummyload
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>I put some pictures of the test in the photo section.
>
>BTW; Antennascope; channel1 = Voltage/50Ohms 1V on the scope = 50V channel2= antenna current 1V = 1A
>
>73 Joe
>
>

3010. AW: [X1M_QRP-Transceiver] X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 13:00:12 UTC
From: Joe
Topic: 2998 Message: 3010

Hi Charlie,

Output without filter = abt. 6Watts on 136kHz, abt 4.5Watts on 475 kHz. Most of it is seen at abt. 9 and 11 MHz on SpectrumAnalyzer

Filters are shown in the photo section. Testet this morning with 1,2kW.

Sorry I´m very active on LF but did not hear anybody using X1M.

Loading coil 1,6mH to Inverted-L, 65ft high, TopC 3x 150ft with 3ft spacing

X1M Pro, last firmware.

73 Joe

Von: X1M_QRP-Transceiver@...m [mailto:X1M_QRP-Transceiver@yahoogroups.com] Im Auftrag von Charlie , W5COV
Gesendet: Donnerstag, 19. Dezember 2013 12:24
An: X1M_QRP-Transceiver@yahoogroups.com
Betreff: Re: [X1M_QRP-Transceiver] X1M pro LF/MF TX Test

Hi Joe,

I agree with Hans . Many of us have been experimenting with and also using it on MF / LF . I too see roughly 4.5 watts on 2200, 1750, and 600 meters into a 50 ohm dummy load.

I only wish they would lower the bottom frequency limit of the radio, below 100 kHz. It is a very very simple software change for the controller. It would be nice to have 4K meters available and to be able to listen to WWVB on 60 kHz. There are also several commercial stations in the USA in the 20 kHz. range, that many people use as a reference signal for their home built SID receivers. I use 60 kHz., WWVB , but have a dedicated home brew almost too simple of a receiver to use for my signal source for logging and charting SID events with. So I would like to see how the X1M does for a SID reference receiver.

I have been active on these frequencies for more than a decade now, and had the power output, checked for me, by an original X1M owner in Canada , before I bought my X1M PRO and the power output he had on all of the mentioned frequencies were the ultimate deciding factor in my buying my radio.He had 4 plus watts output on all of the frequencies in question, and is a member of this group also.You can check the message archive for my questions and his answers just prior to my purchasing my X1M.

What do you show on a dummy load without your filters ? What are the design parameters of your filters ?

It is being successfully used on Opera, WSPR, and QRSS in other countries too.

I'll have a look at your photos, but I have tried it on 3 different X1M's and all were successful with my tests. I am finishing up a 4th X1M tomorrow and checking on those bands

is always a part of my full and final testing.

There must be a problem somewhere in your X1M setup. Also what kind of loading coil and LF antenna are you using ? Which version X1M are you using ?

What MF band/frequency are you testing on ?

I am quite certain others like Hans and myself using it successfully in all of these ranges will weigh in with the positive results that they too are experiencing.

As a matter of fact, you are the first person that I have seen any issues on these frequencies, so I am certain that we will all be interested in learning more about your entire system.

Best 73 , Charlie, W5COV

On 12/19/2013 3:37 AM, Joe wrote:

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First of all, DON´T TRY TO TRANSMIT ON LF!!!

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The radio is getting realy hot, so I stoped further test on this Band.

Setup: X1M -à LPF à Antennascope à Dummyload

The signal on MF is ok, but max output is 22,5mW! Thats enough to drive a amp. Unfortunaly my antenna is tuned to LF so I ´did not test it on the antenna but will do next weekend.

I put some pictures of the test in the photo section.

BTW; Antennascope; channel1 = Voltage/50Ohms 1V on the scope = 50V channel2= antenna current 1V = 1A

73 Joe

3011. RE: [X1M_QRP-Transceiver] S Meter Circuit In Files

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 14:04:07 UTC
From: ken fest
Topic: 2998 Message: 3011

Hello, It is 9v not 5v and it can come from anywhere.
Yes in fact you could bring the agc line out on the spare db9 pin, grab ground from the case or anywhere and use external 9v from the source to the rig.
I plan to place a pushbutton on the s meter housing that brings up cw for tuning. So I would need an additional wire or two.
Ken

On Thu, 12/19/13, Ian Coots <ianrob@...> wrote:

Subject: RE: [X1M_QRP-Transceiver] S Meter Circuit In Files
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Thursday, December 19, 2013, 2:22 AM

Hello Ken, I was just talking to Charlie about this today so your email re: the S meter is very timely. A question… Does the 5v need to come from inside the radio, or could it be sourced from the radio's initial 12-14V external power supply/battery? If so, that would only mean 1 wire to come from within the X1M, and if I'm not mistaken, pin 9 on the DB9 socket is not being used for anything so that could be used. Regards, Ian Coots (VK3YIC) From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of disklog@yahoo.com
Sent: Thursday, 19 December 2013 4:01 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] S Meter Circuit In Files I have posted an S meter circuit in the files section. I built it and tested today and it works well with the AGC circuit board designed by Dale. Please note: You must have a working AGC board in your radio before you can add this circuit.
The entire circuit is small enough that it can be built with large through hole parts and mounted inside the meter box. Three wires are needed to be brought out of the radio-
9vdc, Ground, and the AGC signal from pin 5 or from the W4 pad on the AGC board.
How you do this is up to you.
To test the circuit I used an edgeview S meter from an old CB radio. Most any low current meter will work.
Have fun,
Ken N2LZV

3012. Re: [X1M_QRP-Transceiver] S Meter Circuit In Files

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 14:33:50 UTC
From: Dale Parfitt
Topic: 2998 Message: 3012

Thos edgewise meters are a good choice Ken. Millions are still out there- about 90% of the CB rigs used them as did early Icom V/U radios, Clegg, Regency, Midland, Index Labs- on and on. Most are 200uA with a field coil in the under 1K range. Many also have +12VDC backlighting. Dan's Small Parts has several versions. You can open them up easily (held together via Scotch tape) and swap scales or make your own scale.
Quite a few you find will have stuck needles. Open up the meter and put a drop of lacquer thinner on the tensioning adjustment to melt the paint that was put there to lock the screw. After a minute or so, you can take a jewelers screwdriver and back off the tensioning screw until the needle swings freely. The paint will reharden on its own.

Dale W4OP
----- Original Message -----
From: disklog@yahoo.com
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, December 19, 2013 12:00 AM
Subject: [X1M_QRP-Transceiver] S Meter Circuit In Files

I have posted an S meter circuit in the files section. I built it and tested today and it works well with the AGC circuit board designed by Dale. Please note: You must have a working AGC board in your radio before you can add this circuit.
The entire circuit is small enough that it can be built with large through hole parts and mounted inside the meter box. Three wires are needed to be brought out of the radio- 9vdc, Ground, and the AGC signal from pin 5 or from the W4 pad on the AGC board.
How you do this is up to you.
To test the circuit I used an edgeview S meter from an old CB radio. Most any low current meter will work.
Have fun,
Ken N2LZV

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6932 - Release Date: 12/18/13

3013. Re: AW: [X1M_QRP-Transceiver] X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 15:24:24 UTC
From: Charlie , W5COV
Topic: 2998 Message: 3013

Hi Joe,

Thank you for sharing your information and also the pictures. It is much easier to see what you are dealing with.

There certainly is an issue with your X1M at LF.

Our number of stations here in the USA are probably fewer in number than most other places in the world at the present time, since the FCC has not given us any ham bands below 160 meters. Everyone here that operates MF/LF here must do it under experimental rules, either part 15 low power , or part 5 high power in certain areas.

However I have had e-mails from other areas of the world where the X1M is also the radio that they are using on MF/LF and it has a higher number of owners/users , than any other single commercially built radio that I am aware of. Since I don't see many using Juma here, that is the only other numbers that I can't compare it to.

I have had several people e-mail me from other countries, where they have a higher level of activity,than we have here, that are successfully using the X1M.

My only problem so far with the X1M on MF/LF is just that the receiver is not as sensitive on those frequencies, however that is also true of almost every other commercial transceiver that I have used also. However I know one person that has been using the X1M as his receiver on 136 kHz. Mine will work well at 600 meters, before it begins to roll off very quickly. I have copied many hours of QRSS and WSPR on 600 meters.

It would be interesting to see just how many X1M's are being used and in what parts of the world. As far as I know, there are only distributors for the USA,Europe, and Australia. Some places they have been available for less time than in other places and the quantities I am certain vary widely between even these 3 distributors.

Perhaps we can get a list of everyone we can that are running these at LF and discuss any issues among us, because our concerns and desires are going to be much different than those of a general user in the ham bands. Based on that alone, our numbers are going to be very low compared to the HF ham band users, so we can certainly use the input and discussion of everyone that does use one at MF/LF.

I am certainly interested in what else that you learn about the particular radio that you have.

Best 73 , Charlie , W5COV

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>
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> Output without filter = abt. 6Watts on 136kHz, abt 4.5Watts on 475
> kHz. Most of it is seen at abt. 9 and 11 MHz on SpectrumAnalyzer
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> Filters are shown in the photo section. Testet this morning with 1,2kW.
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> Sorry I´m very active on LF but did not hear anybody using X1M.
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> Loading coil 1,6mH to Inverted-L, 65ft high, TopC 3x 150ft with 3ft
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> X1M Pro, last firmware.
>
> 73 Joe
>
> *Von:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *Im Auftrag von *Charlie
> , W5COV
> *Gesendet:* Donnerstag, 19. Dezember 2013 12:24
> *An:* X1M_QRP-Transceiver@yahoogroups.com
> *Betreff:* Re: [X1M_QRP-Transceiver] X1M pro LF/MF TX Test
>
> Hi Joe,
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> I agree with Hans . Many of us have been experimenting with and also
> using it on MF / LF . I too see roughly 4.5 watts on 2200, 1750, and
> 600 meters into a 50 ohm dummy load.
>
> I only wish they would lower the bottom frequency limit of the radio,
> below 100 kHz. It is a very very simple software change for the
> controller. It would be nice to have 4K meters available and to be
> able to listen to WWVB on 60 kHz. There are also several commercial
> stations in the USA in the 20 kHz. range, that many people use as a
> reference signal for their home built SID receivers. I use 60 kHz.,
> WWVB , but have a dedicated home brew almost too simple of a receiver
> to use for my signal source for logging and charting SID events with.
> So I would like to see how the X1M does for a SID reference receiver.
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> I have been active on these frequencies for more than a decade now,
> and had the power output, checked for me, by an original X1M owner in
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> What MF band/frequency are you testing on ?
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> I am quite certain others like Hans and myself using it successfully
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> they too are experiencing.
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> As a matter of fact, you are the first person that I have seen any
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> interested in learning more about your entire system.
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> Best 73 , Charlie, W5COV
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> output of the X1N Pro on 136kKz and 476kHz.
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> First of all, *DON´T TRY TO TRANSMIT ON LF!!!*
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> There is no output power detectable but the drawn current reaches 3A!
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> Setup: X1M -àLPF àAntennascope àDummyload
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> The signal on MF is ok, but max output is 22,5mW! Thats enough to
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> I put some pictures of the test in the photo section.
>
> BTW; Antennascope; channel1 = Voltage/50Ohms 1V on the scope
> = 50V channel2= antenna current 1V = 1A
>

> 73 Joe
>
>

3014. Re: [X1M_QRP-Transceiver] S Meter Circuit In Files

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 15:15:52 UTC
From: ken fest
Topic: 2998 Message: 3014

Dale,
Yes they are good for our purposes. And, I have done exactly what you have described. My only complaint is for the X1M I prefer a thinner and wider display. Thinner to mount under the rig at the front, and wider to make reading easier. I have a few coming in the mail that I hope will meet my needs. I just fooled around in Word making new scales for the edge meters that are on the way.
Next time I open the X1M I hope to try out a simple power output meter driver. Nothing fancy, just a cheap and easy meter indicator. I am hoping to use the edge meter for S units in receive and relative RF out in transmit.
Recently I have played with noise clippers but I was unimpressed with the results. That project is on the back burner for now.
Ken N2LZV

On Thu, 12/19/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter Circuit In Files
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Thursday, December 19, 2013, 9:33 AM

☐

Thos edgewise meters are a
good choice Ken.
Millions are still out there- about 90% of the CB rigs used
them as did early
Icom V/U radios, Clegg, Regency, Midland, Index Labs- on and
on. Most are 200uA
with a field coil in the under 1K range. Many also
have +12VDC
backlighting. Dan's Small Parts has several versions.
You can open them up
easily (held together via Scotch tape) and swap scales or
make your own
scale.
Quite a few you find will
have stuck needles. Open
up the meter and put a drop of lacquer thinner on the
tensioning adjustment to
melt the paint that was put there to lock the screw.
After a minute or so,
you can take a jewelers screwdriver and back off the
tensioning screw until the
needle swings freely. The paint will reharden on its
own.

Dale W4OP

----- Original Message -----

From:
disklog@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Thursday,
December 19, 2013 12:00
AM
Subject:
[X1M_QRP-Transceiver] S Meter
Circuit In Files

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I built it and
tested today and it works well with the AGC circuit board
designed by Dale.
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radio before you can
add this circuit.
The entire circuit is small enough that it can be built
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box. Three
wires are needed to be brought out of the radio-
9vdc, Ground, and the AGC
signal from pin 5 or from the W4 pad on the AGC board.
How you do this is
up to you.
To test the circuit I used an edgeview S meter from an old
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Have fun,
Ken
N2LZV
No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6932 - Release Date:
12/18/13

3015. Re: AW: [X1M_QRP-Transceiver] X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 15:30:23 UTC
From: Dale Parfitt
Topic: 2998 Message: 3015

What are you doing up at this hour Charlie?

Dale W4OP

----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, December 19, 2013 10:24 AM
Subject: Re: AW: [X1M_QRP-Transceiver] X1M pro LF/MF TX Test

Hi Joe,

Thank you for sharing your information and also the pictures. It is much easier to see what you are dealing with.

There certainly is an issue with your X1M at LF.

Our number of stations here in the USA are probably fewer in number than most other places in the world at the present time, since the FCC has not given us any ham bands below 160 meters. Everyone here that operates MF/LF here must do it under experimental rules, either part 15 low power , or part 5 high power in certain areas.

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X1M Pro, last firmware.

73 Joe

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Gesendet: Donnerstag, 19. Dezember 2013 12:24
An: X1M_QRP-Transceiver@yahoogroups.com
Betreff: Re: [X1M_QRP-Transceiver] X1M pro LF/MF TX Test

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I put some pictures of the test in the photo section.

BTW; Antennascope; channel1 = Voltage/50Ohms 1V on the scope = 50V channel2= antenna current 1V = 1A

73 Joe

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6934 - Release Date: 12/19/13

3016. Re: X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 16:19:03 UTC
From: Klaus
Topic: 2998 Message: 3016

Hi,
as far as i am understanding its schematics, the X1M is a single conversion transceiver with RX/TX-IF around 9 MHz. In receive mode as well as in transmit mode there ONLY is bandpath filtering when operating within those 5 small amateur band segments. Outside the bands in and output signals only are passing two low pass filters with an Fo at about 30 MHz.
After tuning the X1M to e.g. 475Khz, i found its main DDS to operate around 9475 KHz. When in transmission mode this should result in TWO output signals. One is around 9475-9000 = 475Khz and the second one around 9475+9000 = 18475KHz! Because outside those 5 band segments there is no band pass filtering at all and LPF surpression only will be for frequencys above 30 MHz, both signals must be available at TX output! So under NO circumstances any 'out of those 5 bands' transmission should be made without adding some sort of external filtering. Of course this also concerns the use of other Amateur Bands like e.g. 160m, 30m, 17m aso.
When operating 'out of bands', also attached power meters will be influenced by more than one signal. This means, also its readings can be expected to be quite inaccurate.

73 de Klaus, DJ7OO

3017. Re: AW: [X1M_QRP-Transceiver] X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 17:04:22 UTC
From: Charlie , W5COV
Topic: 2998 Message: 3017

LOL , You know me too well Dale !!

Haven't been to bed yet . Got the kits all kitted up and ready to mail
and neck and back were giving me so much pain from looking down,
couldn't sleep, so just decided to stay up and take them to the post office.

More orders this morning so will kit more up this afternoon. I believe
the relays are coming in today, but mail isn't available here until
11:30, so waiting to make a trip to the post office.

One of those days where I'll do a nap from about 4 to 8, then get back
to my regular schedule. This happens every couple of weeks.

I hope to get out long enough to work on my LowFer antenna, since winter
returns tonight or tomorrow , but don't know if my shoulder and neck
muscles are up to it.

I sure want to thank you for taking the time to answer any questions
that I really should be answering. I know how little time you get to
yourself and seems like all of the questions about the AGC kit come in
during the morning, when I am not normally on. I was even confused for a
bit with some of the questions yesterday about the pin numbers and how
and where to take the voltage measurement. I was soooo thankful that he
did a successful install. I was really pleasantly surprised that he did.

I am going to also this evening build me a special area to make the kits
up. I learned a lot about kitting last night, and now have me a system
worked out, just have to get an area set up. Really so much fun I was
browsing my note pad today to find another kit to get started on. This
is fun !!

Charlie, W5COV

On 12/19/2013 9:30 AM, Dale Parfitt wrote:
>
> □
>
> What are you doing up at this hour Charlie?
> Dale W4OP
> ----- Original Message -----
>
> *From:* Charlie , W5COV <mailto:cvest@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Thursday, December 19, 2013 10:24 AM
> *Subject:* Re: AW: [X1M_QRP-Transceiver] X1M pro LF/MF TX Test
>

> Hi Joe,
>
> Thank you for sharing your information and also the pictures. It
> is much easier to see what you are dealing with.
>
> There certainly is an issue with your X1M at LF.
>
> Our number of stations here in the USA are probably fewer in
> number than most other places in the world at the present time,
> since the FCC has not given us any ham bands below 160 meters.
> Everyone here that operates MF/LF here must do it under
> experimental rules, either part 15 low power , or part 5 high
> power in certain areas.
>
> However I have had e-mails from other areas of the world where the
> X1M is also the radio that they are using on MF/LF and it has a
> higher number of owners/users , than any other single commercially
> built radio that I am aware of. Since I don't see many using Juma
> here, that is the only other numbers that I can't compare it to.
>
> I have had several people e-mail me from other countries, where
> they have a higher level of activity,than we have here, that are
> successfully using the X1M.
>
> My only problem so far with the X1M on MF/LF is just that the
> receiver is not as sensitive on those frequencies, however that is
> also true of almost every other commercial transceiver that I have
> used also. However I know one person that has been using the X1M
> as his receiver on 136 kHz. Mine will work well at 600 meters,
> before it begins to roll off very quickly. I have copied many
> hours of QRSS and WSPR on 600 meters.
>
> It would be interesting to see just how many X1M's are being used
> and in what parts of the world. As far as I know, there are only
> distributors for the USA,Europe, and Australia. Some places they
> have been available for less time than in other places and the
> quantities I am certain vary widely between even these 3 distributors.
>
> Perhaps we can get a list of everyone we can that are running
> these at LF and discuss any issues among us, because our concerns
> and desires are going to be much different than those of a general
> user in the ham bands. Based on that alone, our numbers are going
> to be very low compared to the HF ham band users, so we can
> certainly use the input and discussion of everyone that does use
> one at MF/LF.
>
> I am certainly interested in what else that you learn about the
> particular radio that you have.
>

> Best 73 , Charlie , W5COV
>
>
> On 12/19/2013 7:00 AM, Joe wrote:
>>
>> Hi Charlie,
>>
>> Output without filter = abt. 6Watts on 136kHz, abt 4.5Watts on
>> 475 kHz. Most of it is seen at abt. 9 and 11 MHz on SpectrumAnalyzer
>>
>> Filters are shown in the photo section. Testet this morning with
>> 1,2kW.
>>
>> Sorry I´m very active on LF but did not hear anybody using X1M.
>>
>> Loading coil 1,6mH to Inverted-L, 65ft high, TopC 3x 150ft with
>> 3ft spacing
>>
>> X1M Pro, last firmware.
>>
>> 73 Joe
>>
>> *Von:*X1M_QRP-Transceiver@yahoogroups.com
>> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *Im Auftrag von
>> *Charlie , W5COV
>> *Gesendet:* Donnerstag, 19. Dezember 2013 12:24
>> *An:* X1M_QRP-Transceiver@yahoogroups.com
>> *Betreff:* Re: [X1M_QRP-Transceiver] X1M pro LF/MF TX Test
>>
>> Hi Joe,
>>
>> I agree with Hans . Many of us have been experimenting with and
>> also using it on MF / LF . I too see roughly 4.5 watts on 2200,
>> 1750, and 600 meters into a 50 ohm dummy load.
>>
>> I only wish they would lower the bottom frequency limit of the
>> radio, below 100 kHz. It is a very very simple software change
>> for the controller. It would be nice to have 4K meters available
>> and to be able to listen to WWVB on 60 kHz. There are also
>> several commercial stations in the USA in the 20 kHz. range, that
>> many people use as a reference signal for their home built SID
>> receivers. I use 60 kHz., WWVB , but have a dedicated home brew
>> almost too simple of a receiver to use for my signal source for
>> logging and charting SID events with. So I would like to see how
>> the X1M does for a SID reference receiver.
>>
>> I have been active on these frequencies for more than a decade
>> now, and had the power output, checked for me, by an original X1M
>> owner in Canada , before I bought my X1M PRO and the power output

>> he had on all of the mentioned frequencies were the ultimate
>> deciding factor in my buying my radio.He had 4 plus watts output
>> on all of the frequencies in question, and is a member of this
>> group also.You can check the message archive for my questions and
>> his answers just prior to my purchasing my X1M.
>>
>> What do you show on a dummy load without your filters ? What are
>> the design parameters of your filters ?
>>
>> It is being successfully used on Opera, WSPR, and QRSS in other
>> countries too.
>>
>> I'll have a look at your photos, but I have tried it on 3
>> different X1M's and all were successful with my tests. I am
>> finishing up a 4th X1M tomorrow and checking on those bands is
>> always a part of my full and final testing.
>>
>> There must be a problem somewhere in your X1M setup. Also what
>> kind of loading coil and LF antenna are you using ? Which version
>> X1M are you using ?
>>
>> What MF band/frequency are you testing on ?
>>
>> I am quite certain others like Hans and myself using it
>> successfully in all of these ranges will weigh in with the
>> positive results that they too are experiencing.
>>
>> As a matter of fact, you are the first person that I have seen
>> any issues on these frequencies, so I am certain that we will all
>> be interested in learning more about your entire system.
>>
>> Best 73 , Charlie, W5COV
>>
>> On 12/19/2013 3:37 AM, Joe wrote:
>>
>> Hi group,
>>
>> this morning, after finishing LPF for LF and MF I checked the
>> output of the X1N Pro on 136kKz and 476kHz.
>>
>> First of all, *DON´T TRY TO TRANSMIT ON LF!!!*
>>
>> There is no output power detectable but the drawn current
>> reaches 3A!
>>
>> The radio is getting realy hot, so I stoped further test on
>> this Band.
>>
>> Setup: X1M -à LPF àAntennascope àDummyload

>>
>> The signal on MF is ok, but max output is 22,5mW! Thats
>> enough to drive a amp. Unfortunaly my antenna is tuned to LF
>> so I ´did not test it on the antenna but will do next weekend.
>>
>> I put some pictures of the test in the photo section.
>>
>> BTW; Antennascope; channel1 = Voltage/50Ohms 1V on the
>> scope = 50V channel2= antenna current 1V = 1A
>>
>> 73 Joe
>>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6934 - Release Date:
> 12/19/13
>
>

3018. RE: Interfacing to X1M

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 17:34:49 UTC
From: <deadgoose@...>
Topic: 2911 Message: 3018

Need to clarify the TWO ground issue. The PTT on the SLUSB is actually a relay, providing a closure. Mic has an audio ground. Some radios separate the two grounds at the radio (Alinco in my case). The X1M allows you to use the microphone/PTT ground as a common point. There does appear to be some small inductors in series with the grounds, from what I can make out from the circuit diagram. Anyways, the SLUSB works like a charm. The output from the SLUSB is through a transformer, so the DC for the electret microphone does go to ground, but it is current limited, from what I can tell.

73 /paul W3FIS

3019. RE: Odd audio problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 17:48:51 UTC
From: <deadgoose@...>
Topic: 2999 Message: 3019

Well, the microphone gain isn't all THAT well addressed! We point out where the adjustment is, but that is it. I would suggest working into a dummy load with an SWR meter. Set full scale for CW, then switch to SSB, and set so peak swings on voice go maybe 2/3 up the scale.

For a really good adjustment, you need an oscilloscope and a two-tone generator signal.

73 /paul W3FIS

3020. Re: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 18:20:36 UTC
From: mstangelo@...
Topic: 2998 Message: 3020

Folks,

Klaus makes a good point. You sould check the power after a low pass filter. Since the ferrite transformers on the PA stage may be inefficient at LF frequencies most of the power output may be in the HF sum frequerncy.

Mike N2MS
----- Original Message -----
From: Klaus <dj7oo@...>
To: X1M QRP-Transceiver <X1M_QRP-Transceiver@yahoogroups.com>
Sent: Thu, 19 Dec 2013 16:19:03 -0000 (UTC)
Subject: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test

Hi,
as far as i am understanding its schematics, the X1M is a single conversion transceiver with RX/TX-IF around 9 MHz. In receive mode as well as in transmit mode there ONLY is bandpath filtering when operating within those 5 small amateur band segments. Outside the bands in and output signals only are passing two low pass filters with an Fo at about 30 MHz.
After tuning the X1M to e.g. 475Khz, i found its main DDS to operate around 9475 KHz. When in transmission mode this should result in TWO output signals. One is around 9475-9000 = 475Khz and the second one around 9475+9000 = 18475KHz! Because outside those 5 band segments there is no band pass filtering at all and LPF surpression only will be for frequencys above 30 MHz, both signals must be available at TX output! So under NO circumstances any 'out of those 5 bands' transmission should be made without adding some sort of external filtering. Of course this also concerns the use of other Amateur Bands like e.g. 160m, 30m, 17m aso.
When operating 'out of bands', also attached power meters will be influenced by more than one signal. This means, also its readings can be expected to be quite inaccurate.

73 de Klaus, DJ7OO

3021. Re: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 19:04:31 UTC
From: Hans H Vollmer
Topic: 2998 Message: 3021
Attachments: 2 described; binary payloads are missing from this source WARC

Hi MF-Fans,

I made two scans with my analyzer with the X1M without any filtering and
TX-QRG = 475 kHz.
The results are quite nice!
Joe and Klaus are right, filtering is absolutely neccessary.
The filter has to absorb most of the power transmitted.

73 de Hans, DF5SR

On Thursday, December 19, 2013 7:20 PM, "mstangelo@..." <mstangelo@...> wrote:

Folks,

Klaus makes a good point. You sould check the power after a low pass filter. Since the ferrite transformers on the PA stage may be inefficient at LF frequencies most of the power output may be in the HF sum frequerncy.

Mike N2MS
----- Original Message -----
From: Klaus <dj7oo@t-online.de>
To: X1M QRP-Transceiver <X1M_QRP-Transceiver@yahoogroups.com>
Sent: Thu, 19 Dec 2013 16:19:03 -0000 (UTC)
Subject: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test

Hi,
as far as i am understanding its schematics, the X1M is a single conversion transceiver with RX/TX-IF around 9 MHz. In receive mode as well as in transmit mode there ONLY is bandpath filtering when operating within those 5 small amateur band segments. Outside the bands in and output signals only are passing two low pass filters with an Fo at about 30 MHz.
After tuning the X1M to e.g. 475Khz, i found its main DDS to operate around 9475 KHz. When in transmission mode this should result in TWO output signals. One is around 9475-9000 = 475Khz and the second one around 9475+9000 = 18475KHz! Because outside those 5 band segments there is no band pass filtering at all and LPF surpression only will be for frequencys above 30 MHz, both signals must be available at TX output! So under NO circumstances any 'out of those 5 bands' transmission should be made without adding some sort of external filtering. Of course this also concerns the use of other Amateur Bands like e.g. 160m, 30m, 17m aso.
When operating 'out of bands', also attached power meters will be influenced by more than one signal. This means, also its readings can be expected to be quite inaccurate.

73 de Klaus, DJ7OO

3022. Re: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test [2 Attachments]

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 19:18:02 UTC
From: Dale Parfitt
Topic: 3022 Message: 3022

You make an excellent point Hans- the filter must be absorptive NOT reflective. The simplest solution might be a homebrew diplexer with the HF port terminated in 50 Ohms. There are many 5-10W 50 Ohm loads with an SMA connector available.

Dale W4OP
----- Original Message -----
From: Hans H Vollmer
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, December 19, 2013 2:04 PM
Subject: Re: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test [2 Attachments]

Hi MF-Fans,

I made two scans with my analyzer with the X1M without any filtering and
TX-QRG = 475 kHz.
The results are quite nice!
Joe and Klaus are right, filtering is absolutely neccessary.
The filter has to absorb most of the power transmitted.

73 de Hans, DF5SR

On Thursday, December 19, 2013 7:20 PM, "mstangelo@comcast.net" <mstangelo@...> wrote:

Folks,

Klaus makes a good point. You sould check the power after a low pass filter. Since the ferrite transformers on the PA stage may be inefficient at LF frequencies most of the power output may be in the HF sum frequerncy.

Mike N2MS
----- Original Message -----
From: Klaus <dj7oo@...>
To: X1M QRP-Transceiver <X1M_QRP-Transceiver@yahoogroups.com>
Sent: Thu, 19 Dec 2013 16:19:03 -0000 (UTC)
Subject: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test

Hi,
as far as i am understanding its schematics, the X1M is a single conversion transceiver with RX/TX-IF around 9 MHz. In receive mode as well as in transmit mode there ONLY is bandpath filtering when operating within those 5 small amateur band segments. Outside the bands in and output signals only are passing two low pass filters with an Fo at about 30 MHz.
After tuning the X1M to e.g. 475Khz, i found its main DDS to operate around 9475 KHz. When in transmission mode this should result in TWO output signals. One is around 9475-9000 = 475Khz and the second one around 9475+9000 = 18475KHz! Because outside those 5 band segments there is no band pass filtering at all and LPF surpression only will be for frequencys above 30 MHz, both signals must be available at TX output! So under NO

circumstances any 'out of those 5 bands' transmission should be made without adding some sort of external filtering. Of course this also concerns the use of other Amateur Bands like e.g. 160m, 30m, 17m aso.
When operating 'out of bands', also attached power meters will be influenced by more than one signal. This means, also its readings can be expected to be quite inaccurate.

73 de Klaus, DJ7OO

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6934 - Release Date: 12/19/13

3023. Re: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 19:30:22 UTC
From: Charlie , W5COV
Topic: 2998 Message: 3023

Thank you Hans !! A picture is worth a thousand words ....

Thank you for the idea too Dale !!

However I think this is out of my league, so I will be interested in
seeing more information from those of you with expertise in the field.

Time for me to take a few lessons, from you guys.

Nap time :)

Charlie, W5COV

On 12/19/2013 1:18 PM, Dale Parfitt wrote:
>
> □
>
> You make an excellent point Hans- the filter must be absorptive NOT
> reflective. The simplest solution might be a homebrew diplexer with
> the HF port terminated in 50 Ohms. There are many 5-10W 50 Ohm loads
> with an SMA connector available.
> Dale W4OP
>
> ----- Original Message -----
> *From:* Hans H Vollmer <mailto:hanshvollmer@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Thursday, December 19, 2013 2:04 PM
> *Subject:* Re: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test [2
> Attachments]
>
> Hi MF-Fans,
>
> I made two scans with my analyzer with the X1M without any
> filtering and
> TX-QRG = 475 kHz.
> The results are quite nice!
> Joe and Klaus are right, filtering is absolutely neccessary.
> The filter has to absorb most of the power transmitted.
> 73 de Hans, DF5SR
>
>
> On Thursday, December 19, 2013 7:20 PM, "mstangelo@...
> <mailto:mstangelo@...>" <mstangelo@...
> <mailto:mstangelo@...>> wrote:
> Folks,

>
> Klaus makes a good point. You sould check the power after a low
> pass filter. Since the ferrite transformers on the PA stage may be
> inefficient at LF frequencies most of the power output may be in
> the HF sum frequerncy.
>
> Mike N2MS
> ----- Original Message -----
> From: Klaus <dj7oo@...>
> To: X1M QRP-Transceiver <X1M_QRP-Transceiver@yahoogroups.com>
> Sent: Thu, 19 Dec 2013 16:19:03 -0000 (UTC)
> Subject: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test
>
> Hi,
> as far as i am understanding its schematics, the X1M is a single
> conversion transceiver with RX/TX-IF around 9 MHz. In receive mode
> as well as in transmit mode there ONLY is bandpath filtering when
> operating within those 5 small amateur band segments. Outside the
> bands in and output signals only are passing two low pass filters
> with an Fo at about 30 MHz.
> After tuning the X1M to e.g. 475Khz, i found its main DDS to
> operate around 9475 KHz. When in transmission mode this should
> result in TWO output signals. One is around 9475-9000 = 475Khz and
> the second one around 9475+9000 = 18475KHz! Because outside those
> 5 band segments there is no band pass filtering at all and LPF
> surpression only will be for frequencys above 30 MHz, both signals
> must be available at TX output! So under NO circumstances any 'out
> of those 5 bands' transmission should be made without adding some
> sort of external filtering. Of course this also concerns the use
> of other Amateur Bands like e.g. 160m, 30m, 17m aso.
> When operating 'out of bands', also attached power meters will be
> influenced by more than one signal. This means, also its readings
> can be expected to be quite inaccurate.
>
> 73 de Klaus, DJ7OO
>
> ------------------------------------
>
>
>
> --
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6934 - Release Date:
> 12/19/13
>
>

3024. Re: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 19:51:18 UTC
From: Joseph Westbrook
Topic: 2963 Message: 3024

David:
Thanks for the suggestions. I can live with the delay issue but the Blue Screen is a real hassle. I tried un-installing HRD and the driver. Reloaded and the problem.. I'm beginning to think that it has more to do with Win7. I've had issues with other Ham Radio Applications and after doing some research the root problem had to do with the drivers, or lack of for Win7. I never had issues with XP. I do have another PC with XP but it older and not anywhere as near as robust as my Win7 Machine. I did try to use FLDIGI and can't seem to get it to talk to the serial port. Any thanks again for the assistance!
 73

- K7ZT, Joe

_____
From: "Bastress, David G" <bastress@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 18, 2013 8:48 AM
Subject: Re: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

GM Joe,

I don't know if this will give you any insight or not. I bought the programming cable with the X1M.

 My computer uses XP and I don't use HRD but I have tried rig / computer control running FLDIGI. With my setup, there seems to be a second or two delay between stimulus and response either way the command goes. (rig>computer or computer>rig) It seems like it may be an X1M thing more than a programing cable thing. :-)

Dave K3GAU
On Wed, Dec 18, 2013 at 9:07 AM, Joseph Westbrook <k7zt@...> wrote:

>I have a stable (normally) working Win 7 PC. I bought the X1M Programming Cable and it doesn't seem to function very well. I purchased and I'm still awaiting the new "Pro" Panel. In the mean time, I've been using the XM1 with HRD and the performance is very poor. When attempting to change frequencies, HRD almost always hesitates which is really frustrating! Eventually after running for a few minutes, HRD will either lock up or the computer will "blue screen" because of this, I'm concerned about using this set up to update my firmware with my Win 7 PC. Is there anyone out there who have had similar issues? I have attempted various port settings including flow control, speed, etc. to no avail. Any input would be appreciated.
>
>Thanks,
>K7ZT, Joe

3025. Re: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 20:10:55 UTC
From: Bastress, David G
Topic: 2963 Message: 3025

Joseph,

If you would like I can drag my X1M and cable to work where the computer runs W7 Enterprise and see if I get the BSOD or other nasty reactions. I have FLDIGI installed there also.

When I first plugged the interface cable in my machine at home it assigned it Com port 6. My regular installation uses Com Port 1 for control of my TS-2000. Info transfer seems very fast.

Dave K3GAU

On Thu, Dec 19, 2013 at 2:51 PM, Joseph Westbrook <k7zt@...> wrote:

>
>
> David:
> Thanks for the suggestions. I can live with the delay issue but the Blue
> Screen is a real hassle. I tried un-installing HRD and the driver.
> Reloaded and the problem.. I'm beginning to think that it has more to do
> with Win7. I've had issues with other Ham Radio Applications and after
> doing some research the root problem had to do with the drivers, or lack of
> for Win7. I never had issues with XP. I do have another PC with XP but
> it older and not anywhere as near as robust as my Win7 Machine. I did try
> to use FLDIGI and can't seem to get it to talk to the serial port. Any
> thanks again for the assistance!
> 73
>
>
>
> - K7ZT, Joe
>
> *From:* "Bastress, David G" <bastress@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Wednesday, December 18, 2013 8:48 AM
> *Subject:* Re: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of
> Death
>
> GM Joe,
>
> I don't know if this will give you any insight or not. I bought the
> programming cable with the X1M.
>
> My computer uses XP and I don't use HRD but I have tried rig / computer
> control running FLDIGI. With my setup, there seems to be a second or two

> delay between stimulus and response either way the command goes.
> (rig>computer or computer>rig) It seems like it may be an X1M thing more
> than a programing cable thing. :-)
>
> Dave K3GAU
> On Wed, Dec 18, 2013 at 9:07 AM, Joseph Westbrook <k7zt@...> wrote:
>
>
> I have a stable (normally) working Win 7 PC. I bought the X1M
> Programming Cable and it doesn't seem to function very well. I purchased
> and I'm still awaiting the new "Pro" Panel. In the mean time, I've been
> using the XM1 with HRD and the performance is very poor. When attempting
> to change frequencies, HRD almost always hesitates which is really
> frustrating! Eventually after running for a few minutes, HRD will either
> lock up or the computer will "blue screen" because of this, I'm concerned
> about using this set up to update my firmware with my Win 7 PC. Is there
> anyone out there who have had similar issues? I have attempted various
> port settings including flow control, speed, etc. to no avail. Any input
> would be appreciated.
>
> Thanks,
> K7ZT, Joe
>
>
>

3026. Re: Odd Audio Problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 20:36:16 UTC
From: Daniel Stine
Topic: 3026 Message: 3026

Thanks very much! Adjusting the gain did the trick for both problems. I'm still not sure whether my signal is getting out far, but I do know that my SSB receiver picks up my voice at a natural level now, even with the MFJ antenna.

3027. Re: [X1M_QRP-Transceiver] Re: Odd Audio Problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 21:37:51 UTC
From: mikejmardis@...
Topic: 3026 Message: 3027

How far did you adjust your gain?

Sent from my iPhone

> On Dec 19, 2013, at 15:36, Daniel Stine <kc9hzn@...> wrote:
>
> Thanks very much! Adjusting the gain did the trick for both problems. I'm still not sure whether my signal is getting out far, but I do know that my SSB receiver picks up my voice at a natural level now, even with the MFJ antenna.
>
>

3028. RE: [X1M_QRP-Transceiver] S Meter Circuit In Files

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 21:46:33 UTC
From: Ian Coots
Topic: 2998 Message: 3028
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks Ken…sorry about the 5V.

I have an external switch that shorts the key output that I use for tuning…no additional external wires required, however I do have to select CW manually from the X1M Function Buttons.

Regards,

Ian VK3YIC

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ken fest
Sent: Friday, 20 December 2013 1:04 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] S Meter Circuit In Files

Hello, It is 9v not 5v and it can come from anywhere.
Yes in fact you could bring the agc line out on the spare db9 pin, grab ground from the case or anywhere and use external 9v from the source to the rig.
I plan to place a pushbutton on the s meter housing that brings up cw for tuning. So I would need an additional wire or two.
Ken

On Thu, 12/19/13, Ian Coots <ianrob@...> wrote:

Subject: RE: [X1M_QRP-Transceiver] S Meter Circuit In Files
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Thursday, December 19, 2013, 2:22 AM

Hello Ken, I was just talking to Charlie about this today so your email re: the S meter is very timely. A question… Does the 5v need to come from inside the radio, or could it be sourced from the radio’s initial 12-14V external power supply/battery? If so, that would only mean 1 wire to come from within the X1M, and if I’m not mistaken, pin 9 on the DB9 socket is not being used for anything so that could be used. Regards, Ian Coots (VK3YIC) From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of disklog@...
Sent: Thursday, 19 December 2013 4:01 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] S Meter Circuit In Files I have posted an S meter

circuit in the files section. I built it and tested today and it works well with the AGC circuit board designed by Dale. Please note: You must have a working AGC board in your radio before you can add this circuit.
The entire circuit is small enough that it can be built with large through hole parts and mounted inside the meter box. Three wires are needed to be brought out of the radio-
9vdc, Ground, and the AGC signal from pin 5 or from the W4 pad on the AGC board.
How you do this is up to you.
To test the circuit I used an edgeview S meter from an old CB radio. Most any low current meter will work.
Have fun,
Ken N2LZV

3029. Re: [X1M_QRP-Transceiver] Re: Odd Audio Problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 23:20:05 UTC
From: Charlie , W5COV
Topic: 3026 Message: 3029

Hi Mike,

The mic pot doesn't have any stops in it and so just actually will make only one 360 degree revolution, even though you can keep turning it.

There is generally a pronounced "sweet spot" for the audio. Since you are using yours already , listen to it on another receiver and just slowly rock the pot back and forth for the best audio while talking into the mic or you can rotate it once through the entire revolution until you hear the "sweet spot". This is a quick and easy way to adjust it .

The correct by the book method is to use a scope and a two tone generator.

If you give it a try let me know if it still displays just the one pronounced "sweet spot." I am assuming it does since the fellow in the early morning hours had a radio out of the new batch.

Charlie, W5COV
On 12/19/2013 3:37 PM, mikejmardis@... wrote:
> How far did you adjust your gain?
>
> Sent from my iPhone
>
> On Dec 19, 2013, at 15:36, Daniel Stine <kc9hzn@...
> <mailto:kc9hzn@...>> wrote:
>
>> Thanks very much! Adjusting the gain did the trick for both problems.
>> I'm still not sure whether my signal is getting out far, but I do
>> know that my SSB receiver picks up my voice at a natural level now,
>> even with the MFJ antenna.
>>
>

3030. Re: [X1M_QRP-Transceiver] Re: Odd Audio Problem?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-19 23:27:13 UTC
From: mikejmardis@...
Topic: 3026 Message: 3030

Thanks Charlie. I was curious because I also noticed some SSB issues. Even though the manual said it wasn't likely you would need it, I went ahead and turned it 45deg since I had nothing to compare it to.
I since have had it with another receiver and that showed I was coming through fine. There was marked difference in my output on the meter. Unfortunately it wasn't open so I could play for sweetness. I have to go back in to replace the speaker and will do it then.
Thanks again!
Mike in the north
N1SPZ

Sent from my iPhone

> On Dec 19, 2013, at 18:20, "Charlie , W5COV" <cvest@...> wrote:
>
> Hi Mike,
>
> The mic pot doesn't have any stops in it and so just actually will make only one 360 degree revolution, even though you can keep turning it.
>
> There is generally a pronounced "sweet spot" for the audio. Since you are using yours already , listen to it on another receiver and just slowly rock the pot back and forth for the best audio while talking into the mic or you can rotate it once through the entire revolution until you hear the "sweet spot". This is a quick and easy way to adjust it .
>
> The correct by the book method is to use a scope and a two tone generator.
>
> If you give it a try let me know if it still displays just the one pronounced "sweet spot." I am assuming it does since the fellow in the early morning hours had a radio out of the new batch.
>
> Charlie, W5COV
>> On 12/19/2013 3:37 PM, mikejmardis@... wrote:
>>
>> How far did you adjust your gain?
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>>
>> On Dec 19, 2013, at 15:36, Daniel Stine <kc9hzn@...> wrote:
>>
>>>
>>> Thanks very much! Adjusting the gain did the trick for both problems. I'm still not sure whether my signal is getting out far, but I do know that my SSB receiver picks up my voice at a natural level now, even with the MFJ antenna.
>>>
>

>

3031. Some info please

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 02:28:21 UTC
From: <caulktel@...>
Topic: 3031 Message: 3031

I am about to buy a X1M Transceiver but was curious about the problems some of you are having. If I buy one of the latest versions is there going to be any problems, or have they fixed everything. Could somebody bring me up to speed on what to expect. Thanks.

Joel
KB6QVI

3032. Re: [X1M_QRP-Transceiver] Some info please

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 02:36:27 UTC
From: Charlie , W5COV
Topic: 3031 Message: 3032

Since many people have just received their first ever X1M within the
past couple of weeks from the latest production run, I think that they
are the ideal people to answer your query Joel.

Hopefully many of them will respond with their experience.

Charlie, W5COV

On 12/19/2013 8:28 PM, caulktel@... wrote:
>
> I am about to buy a X1M Transceiver but was curious about the problems
> some of you are having. If I buy one of the latest versions is there
> going to be any problems, or have they fixed everything. Could
> somebody bring me up to speed on what to expect. Thanks.
>
>
> Joel
> KB6QVI
>

3033. Re: [X1M_QRP-Transceiver] Some info please

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 02:52:08 UTC
From: mikejmardis@...
Topic: 3031 Message: 3033

Joel,
Being very specific, what are you looking to get out of the radio?

Sent from my iPhone

> On Dec 19, 2013, at 21:36, "Charlie , W5COV" <cvest@...> wrote:
>
> Since many people have just received their first ever X1M within the past couple of weeks from the latest production run, I think that they are the ideal people to answer your query Joel.
>
> Hopefully many of them will respond with their experience.
>
> Charlie, W5COV
>
>
>> On 12/19/2013 8:28 PM, caulktel@... wrote:
>>
>> I am about to buy a X1M Transceiver but was curious about the problems some of you are having. If I buy one of the latest versions is there going to be any problems, or have they fixed everything. Could somebody bring me up to speed on what to expect. Thanks.
>>
>>
>> Joel
>> KB6QVI
>
>

3034. Re: [X1M_QRP-Transceiver] Some info please

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 02:59:13 UTC
From: Joel Caulkins
Topic: 3031 Message: 3034

I have built many QRP rigs like BitX20a and MST, etc. I would like to have one radio to take out in the field instead of all these mono banders. That's pretty much it.

Joel KB6QVI

> On Dec 19, 2013, at 6:52 PM, mikejmardis@... wrote:
>
> Joel,
> Being very specific, what are you looking to get out of the radio?
>
> Sent from my iPhone
>
>> On Dec 19, 2013, at 21:36, "Charlie , W5COV" <cvest@...> wrote:
>>
>>
>> Since many people have just received their first ever X1M within the past couple of weeks from the latest production run, I think that they are the ideal people to answer your query Joel.
>>
>> Hopefully many of them will respond with their experience.
>>
>> Charlie, W5COV
>>
>>
>>> On 12/19/2013 8:28 PM, caulktel@... wrote:
>>>
>>> I am about to buy a X1M Transceiver but was curious about the problems some of you are having. If I buy one of the latest versions is there going to be any problems, or have they fixed everything. Could somebody bring me up to speed on what to expect. Thanks.
>>>
>>>
>>> Joel
>>> KB6QVI
>
>

3035. Relative RF meter Circuit Added to Files

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 03:51:51 UTC
From: <disklog@...>
Topic: 3035 Message: 3035

Tonight I added the circuit diagram for a relative RF meter that can be connected to the X1M and X1MPro.
I have built and tested this circuit with my X1M and it works quite well.

The best installation would be to mount everything except the meter inside the radio as near to the antenna connector as possible. It is a tight squeeze but it can be done with very small standard parts. Surface mount parts would fit even better.
I have NOT tested this circuit in conjunction with the S meter circuit. They should play well together but I haven't tested them together. I won't be able to make that test until my replacement AGC board arrives here.
I invite any improvement, comments or suggestions.
Ken N2LZV

3036. Re: [X1M_QRP-Transceiver] Some info please

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 04:04:37 UTC
From: ken fest
Topic: 3031 Message: 3036

The latest version works well. I have had it on all day every day with no issues. I have made several modifications to my unit but those mods are not required. The radio is well behaved as it comes from the factory.
My mods are:
Changed the final transistor for more rf out.
Added heatsinks where I wanted cooler running.
Added AGC
Added S Meter
Added RF output meter
Changed the internal speaker (But change wasn't needed)
Added a 4 conductor jack on the rear.
Adjusted internal mic control for better audio

That's all I can think of right now.
Please understand that with the exception of the mic adjustment, nothing else needed to be done. The radio performs well.
Hope this helps
Ken N2LZV

On Thu, 12/19/13, Joel Caulkins <caulktel@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] Some info please
To: "X1M_QRP-Transceiver@yahoogroups.com" <X1M_QRP-Transceiver@yahoogroups.com>
Date: Thursday, December 19, 2013, 9:59 PM

I have built many QRP rigs like BitX20a and MST, etc.
 I would like to have one radio to take out in the
field instead of all these mono banders. That's pretty
much it.

Joel KB6QVI
On Dec 19, 2013, at 6:52 PM, mikejmardis@...
wrote:

Joel,   Being
very specific, what are you looking to get out of the
radio?

Sent from my iPhone
On Dec 19, 2013, at 21:36, "Charlie , W5COV"
<cvest@...>
wrote:

Since many people have just received their first ever
X1M within the
past couple of weeks from the latest production run, I

think that
they are the ideal people to answer your query Joel.

Hopefully many of them will respond with their
experience.

Charlie, W5COV

On
12/19/2013 8:28 PM,
caulktel@...
wrote:

I am about to buy a X1M Transceiver but was
curious about
the problems some of you are having. If I buy
one of the
latest versions is there going to be any
problems, or have
they fixed everything. Could somebody bring me
up to speed
on what to expect. Thanks.

Joel
KB6QVI

3037. Re: [X1M_QRP-Transceiver] Some info please

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 04:20:25 UTC
From: <caulktel@...>
Topic: 3031 Message: 3037

Thanks Ken,

That's what I wanted to know. How much power out we're you getting with the old final vs the new and what transistor is used, is it a FET? I dont mind making mods to mine and I'm more than capable to do them, I just want everything to work as advertised when I get it. I had heard that some were dead on TX output upon arrival so just wanted to make sure that kind of stuff was fixed. BTW, how's the receive audio, is it loud enough? Sorry to ask so many questions.

Joel
KB6QVI

3038. Re: [X1M_QRP-Transceiver] Some info please

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 04:20:37 UTC
From: Charlie , W5COV
Topic: 3031 Message: 3038

Hi Joel,

I don't know where everyone is tonight.

The radio with the latest firmware version installed, works VERY well right out of the box, on any mode. Many people are using them with an interface and running the digital modes with it also.

You will very likely want to adjust the sidetone volume, and microphone gain, when you receive the radio. The controls are located underneath the top cover and easy to access and adjust. They are single turn pots that just require a small screwdriver to adjust.

I would recommend that you do also buy a programming cable at the same time that you get the radio. If there are any new firmware updates, you can do them in less than 5 minutes and keep the radio current.

The cable can also be used to control several of the functions on the radio with the free edition of HRD.

To the best of my knowledge there is no radio or kit available from ANYONE , in this price range that can provide you with such an economical TRUE FULL FUNCTION RADIO !! I don't even know of any anywhere close to the quality, price and performance of this radio on the filtered bands.

One can also add additional external filters for the band of your choice. It actually covers from 100 kHz. through 30 MHz.

Until you actually see one in real life, you will not believe just how tiny this radio is and all of the functions that it has. It operates well on both CW and SSB. It also is a true 5 watt radio, with the average power probably being about 4.5 watts output on all of the included bands.

One HUGE feature of it is that you do NOT have to carry an operating manual or cheat sheet of ANY KIND with it. No big menus to go through, only for changing setup parameters. Then it is a simple text straight forward menu that you will likely never see once you do your initial setup.

The buttons and two knobs are clearly labeled and perform the function immediately from the front panel, that they say they will do , such as changing keyer speed , modes, preamp, etc. VERY straight forward and right on point.

I really would like for the most recent buyers to relate their own personal experience with it , since it is a radio that is new to them, and they can tell you how easy it is to operate and how they are having

a ball working stations with this QRP rig, much like if they were running QRO.

If you have any specific questions , this is one of the best support groups that you will find ANYWHERE, and they can tell you just how solid Ed is on backing these radios up , should you have an issue. I am CERTAIN some of them will show up on here so you can hear it from a brand new user.

Best 73 , Charlie, W5COV

On 12/19/2013 8:59 PM, Joel Caulkins wrote:
> I have built many QRP rigs like BitX20a and MST, etc. I would like to
> have one radio to take out in the field instead of all these mono
> banders. That's pretty much it.
>
> Joel KB6QVI
>
> On Dec 19, 2013, at 6:52 PM, mikejmardis@...
> <mailto:mikejmardis@...> wrote:
>
>> Joel,
>> Being very specific, what are you looking to get out of the radio?
>>
>> Sent from my iPhone
>>
>> On Dec 19, 2013, at 21:36, "Charlie , W5COV" <cvest@...
>> <mailto:cvest@...>> wrote:
>>
>>> Since many people have just received their first ever X1M within the
>>> past couple of weeks from the latest production run, I think that
>>> they are the ideal people to answer your query Joel.
>>>
>>> Hopefully many of them will respond with their experience.
>>>
>>> Charlie, W5COV
>>>
>>>
>>> On 12/19/2013 8:28 PM, caulktel@... wrote:
>>>>
>>>> I am about to buy a X1M Transceiver but was curious about the
>>>> problems some of you are having. If I buy one of the latest
>>>> versions is there going to be any problems, or have they fixed
>>>> everything. Could somebody bring me up to speed on what to expect.
>>>> Thanks.
>>>>
>>>>
>>>> Joel
>>>> KB6QVI
>>>
>

3039. Re: [X1M_QRP-Transceiver] Some info please

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 04:46:47 UTC
From: <caulktel@...>
Topic: 3031 Message: 3039

Thanks. Charlie,

It's sounding better all the time. I will pickup the programming cable when I order the radio. Where is the best place to buy it from, the Wouxun.us site?

Five watts sounds good to me as I worked many stations this last summer on my home brew equipment running only 3 watts into a EFHW wire with a matching box and a Jackkite pole. Thanks again.

Joel
KB6QVI

3040. Re: [X1M_QRP-Transceiver] Some info please

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 05:06:07 UTC
From: Charlie , W5COV
Topic: 3031 Message: 3040

Yes Joel, Ed is the best of the best to deal with. He is also the only authorized distributor / dealer in the US.

We normally go through his web site , www.importcommunications.com

I will add that the low audio has been permanently changed in the current model, so that you don't have to do the audio mod , that Dale, W4OP (Original designer of the PAR EFHW antenna) , came up with for the models previous to the current one.

It does use a MOSFET final , however as far as I am aware only one final has ever had to be replaced and it was not on a new radio, so we don't know why it did fail.

If you like to also make mods, play and experiment, it is also a great radio for that too.

I sell an add on SMD AGC kit for it, that fits inside of the radio, that was also designed by Dale, W4OP. He is currently working on an internal CW crystal filter for the radio. You can see several group member projects in the photo and files section. The final mod, an "S" meter mod just posted today. A speech processor that can be built inside of the microphone and powered by the radio. A multi band filter add on. A very active and intelligent group of owners and operators on board here in this group and ALWAYS willing to help one another.

Hope you will be joining us with a new rig very soon.

Charlie , W5COV

On 12/19/2013 10:46 PM, caulktel@... wrote:
>
> Thanks. Charlie,
>
>
> It's sounding better all the time. I will pickup the programming cable
> when I order the radio. Where is the best place to buy it from, the
> Wouxun.us site?
>
>
> Five watts sounds good to me as I worked many stations this last
> summer on my home brew equipment running only 3 watts into a EFHW wire
> with a matching box and a Jackkite pole. Thanks again.
>
>
> Joel
>

> KB6QVI
>
>

3041. S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 05:52:55 UTC
From: Ian Coots
Topic: 3041 Message: 3041
Attachments: 1 described; binary payloads are missing from this source WARC

Hello,

I have uploaded a pdf into the files section of a printable scale for an S-Meter.

It is sized to suit the common (in Australia) µA panel meters that are 58mm wide x 52mm high, but can be printed to suit any sized meter using the % enlarge/reduce function of most printers.

I took the scaling from information from the ever reliable Wikipedia so hopefully it will be correct. Just print it to a label and stick it to the face of your meter after checking the edges of the scale match the edges of the scale on the meter.

Regards,

Ian Coots VK3YIC

ausflag

3042. Re: [X1M_QRP-Transceiver] Some info please

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 12:35:30 UTC
From: mikejmardis@...
Topic: 3031 Message: 3042

Joel,
Prior to this radio, I have owned a kx-3 and both models of the 817. My only kit building experience has been a pico keyer plus and the pixie 2.
If you buy this radio with the understanding that it is a pretty good receiver, will def work in the guaranteed bands, CW is fine and is only $350 dollars you'll be a happy camper.
Now, if you are willing to crack the case and do some minor work (install AGC kit, upgrade the speaker [not a necessity] get the soon to be available CW filter and do a simple alignment) you will love this radio.
This yahoo group has been great and the radio has become a passion of mine. It's the best combination of a commercial radio and since of pride/"My Radio" that you get from a kit. It's worth every penny and more if you ask me. And, it's only improving.
Did I mention this Yahoo group is great?
Mike
N1SPZ

Sent from my iPhone

> On Dec 19, 2013, at 21:59, Joel Caulkins <caulktel@...> wrote:
>
> I have built many QRP rigs like BitX20a and MST, etc. I would like to have one radio to take out in the field instead of all these mono banders. That's pretty much it.
>
> Joel KB6QVI
>
>> On Dec 19, 2013, at 6:52 PM, mikejmardis@... wrote:
>>
>>
>> Joel,
>> Being very specific, what are you looking to get out of the radio?
>>
>> Sent from my iPhone
>>
>>> On Dec 19, 2013, at 21:36, "Charlie , W5COV" <cvest@...> wrote:
>>>
>>>
>>> Since many people have just received their first ever X1M within the past couple of weeks from the latest production run, I think that they are the ideal people to answer your query Joel.
>>>
>>> Hopefully many of them will respond with their experience.
>>>
>>> Charlie, W5COV
>>>
>>>
>>>> On 12/19/2013 8:28 PM, caulktel@... wrote:

>>>>
>>>> I am about to buy a X1M Transceiver but was curious about the problems some of you are having. If I buy one of the latest versions is there going to be any problems, or have they fixed everything. Could somebody bring me up to speed on what to expect. Thanks.
>>>>
>>>>
>>>> Joel
>>>> KB6QVI
>>>
>
>

3043. RE: Re: [X1M_QRP-Transceiver] RE: Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 14:39:40 UTC
From: <andreas.fuehrmann@...>
Topic: 2445 Message: 3043

Did anybody change the internal speaker in the meantime?

Andy DC3AFA

3044. Re: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 14:43:28 UTC
From: Dale Parfitt
Topic: 3041 Message: 3044
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Ian,
I am not sure if Ken has done any absolute measurements. Few S meters are accurate- the Elecraft K3 and the Adat 200A come to mind that can be calibrated in dB or dBmV. Most meters are simply relative field strength.

Dale W4OP
----- Original Message -----
From: Ian Coots
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, December 20, 2013 12:52 AM
Subject: [X1M_QRP-Transceiver] S Meter scale

Hello,

I have uploaded a pdf into the files section of a printable scale for an S-Meter.

It is sized to suit the common (in Australia) µA panel meters that are 58mm wide x 52mm high, but can be printed to suit any sized meter using the % enlarge/reduce function of most printers.

I took the scaling from information from the ever reliable Wikipedia so hopefully it will be correct. Just print it to a label and stick it to the face of your meter after checking the edges of the scale match the edges of the scale on the meter.

Regards,

Ian Coots VK3YIC

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6935 - Release Date: 12/19/13

3045. Re: Some info please

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 14:54:48 UTC
From: Paul W. Ross
Topic: 3031 Message: 3045

Yes, get the cable from Wouxun.US. It is NOT a standard RS-232 to USB cable. (See discussion in User's Guide)

I used my first one (had problems with output, got a replacement) as a field radio this summer for both SSB voice and digital modes.

GREAT radio!

73 & Merry Christmas, W3FIS

3046. Re: Some info please

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 15:09:11 UTC
From: Joel Caulkins
Topic: 3031 Message: 3046

Thank all of you that responded to my request. I will be ordering mine in a week or so with the cable. Are they pretty much readily available or is there a waiting list? Is the schematic available for download anywhere?
Thanks again for all your help.

Joel Caulkins
KB6QVI

3047. Re: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 15:20:58 UTC
From: ken fest
Topic: 3041 Message: 3047

Dale,
I tried to calibrate the S meter using my HP signal generator. I used 100uv for S9 in my unit. I used USB on the radio and AM on the generator. I had to tune the radio off frequency and listen for the loudest AM squeal. I then adjusted the S meter for 100uv at S9. I tried other ways to calibrate but tuning the AM off frequency seemed to correspond to strong SSB reception.
50uv for S9 and 100uv for S9 are both standards still used today. The 100uv setting appeared to work better for the X1M.
Please keep in mind that this is audio derived AGC and the S readings and can best be described as "approximate" .
Ken N2LZV

On Fri, 12/20/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 20, 2013, 9:43 AM

Hi Ian,
I am not sure if Ken has
done any absolute
measurements. Few S meters are accurate- the Elecraft K3 and
the Adat 200A come
to mind that can be calibrated in dB or dBmV. Most meters
are simply relative
field strength.

Dale W4OP

----- Original Message -----

From:
Ian Coots

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
December 20, 2013 12:52
AM
Subject:
[X1M_QRP-Transceiver] S Meter
scale

Hello,

I have uploaded a pdf
into the files section of a printable

scale for an S-Meter.

It is sized to suit the
common (in Australia) µA
panel meters that are 58mm wide x 52mm high, but can
be printed to suit
any sized meter using the % enlarge/reduce function of
most
printers.

I took the scaling from
information from the ever reliable
Wikipedia so hopefully it will be correct. Just
print it to a label and
stick it to the face of your meter after checking the
edges of the scale match
the edges of the scale on the meter.

Regards,

Ian Coots VK3YIC

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6935 - Release Date:
12/19/13

3048. Re: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 15:25:19 UTC
From: ken fest
Topic: 3041 Message: 3048

By the way, Last night I posted 2 responses to Joel's questions and I don't see them yet. Yahoo hates me.

Also I posted that a relative RF meter circuit has been added to the files section. I don't see that either.
Yahoo really hates me!
Ken

On Fri, 12/20/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 20, 2013, 9:43 AM

Hi Ian,
I am not sure if Ken has
done any absolute
measurements. Few S meters are accurate- the Elecraft K3 and
the Adat 200A come
to mind that can be calibrated in dB or dBmV. Most meters
are simply relative
field strength.

Dale W4OP

----- Original Message -----

From:
Ian Coots

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
December 20, 2013 12:52
AM
Subject:
[X1M_QRP-Transceiver] S Meter
scale

Hello,

I have uploaded a pdf
into the files section of a printable
scale for an S-Meter.

It is sized to suit the
common (in Australia) µA
panel meters that are 58mm wide x 52mm high, but can

be printed to suit
any sized meter using the % enlarge/reduce function of
most
printers.

I took the scaling from
information from the ever reliable
Wikipedia so hopefully it will be correct. Just
print it to a label and
stick it to the face of your meter after checking the
edges of the scale match
the edges of the scale on the meter.

Regards,

Ian Coots VK3YIC

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6935 - Release Date:
12/19/13

3049. Re: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 15:29:27 UTC
From: Dale Parfitt
Topic: 3041 Message: 3049

I saw your posts and looked at the file Ken- thank you,

Dale W4OP

----- Original Message -----
From: ken fest
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, December 20, 2013 10:25 AM
Subject: Re: [X1M_QRP-Transceiver] S Meter scale

By the way, Last night I posted 2 responses to Joel's questions and I don't see them yet. Yahoo hates me.

Also I posted that a relative RF meter circuit has been added to the files section. I don't see that either.
Yahoo really hates me!
Ken

On Fri, 12/20/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 20, 2013, 9:43 AM

Hi Ian,
I am not sure if Ken has
done any absolute
measurements. Few S meters are accurate- the Elecraft K3 and
the Adat 200A come
to mind that can be calibrated in dB or dBmV. Most meters
are simply relative
field strength.

Dale W4OP

----- Original Message -----

From:
Ian Coots

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
December 20, 2013 12:52
AM
Subject:
[X1M_QRP-Transceiver] S Meter
scale

Hello,

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information from the ever reliable
Wikipedia so hopefully it will be correct. Just
print it to a label and
stick it to the face of your meter after checking the
edges of the scale match
the edges of the scale on the meter.

Regards,

Ian Coots VK3YIC

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6935 - Release Date:
12/19/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6937 - Release Date: 12/20/13

3050. RE: Re: [X1M_QRP-Transceiver] RE: Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 15:29:43 UTC
From: <disklog@...>
Topic: 2445 Message: 3050

Yes I changed it last night. I bought 2 of the speakers from Mouser that had been described in this group.
I don't hear much difference between the two but maybe that is my old ears.
Ken

3051. Re: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 15:33:49 UTC
From: Dale Parfitt
Topic: 3041 Message: 3051

I understand Ken- nice work. Did you look at say 6dB increments down from there to see if S unit calibration was possible?
One of the issues with most rigs today is that the preamp effects the S meter reading- it should not. Only Elecraft and Adat and possibly ANAN have addressed this in their designs so that it is possible to zero out the preamp gain in firmware. Guess that rant is a bit off topic here.

On a different topic. I seem to recall being able to search Yahoo Group messages with key words. I cannot find the search field in their "improved" pages. Is it still possible to search?

Dale W4OP
----- Original Message -----
From: ken fest
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, December 20, 2013 10:20 AM
Subject: Re: [X1M_QRP-Transceiver] S Meter scale

Dale,
I tried to calibrate the S meter using my HP signal generator. I used 100uv for S9 in my unit. I used USB on the radio and AM on the generator. I had to tune the radio off frequency and listen for the loudest AM squeal. I then adjusted the S meter for 100uv at S9. I tried other ways to calibrate but tuning the AM off frequency seemed to correspond to strong SSB reception.
50uv for S9 and 100uv for S9 are both standards still used today. The 100uv setting appeared to work better for the X1M.
Please keep in mind that this is audio derived AGC and the S readings and can best be described as "approximate" .
Ken N2LZV

On Fri, 12/20/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 20, 2013, 9:43 AM

Hi Ian,
I am not sure if Ken has
done any absolute
measurements. Few S meters are accurate- the Elecraft K3 and
the Adat 200A come
to mind that can be calibrated in dB or dBmV. Most meters
are simply relative
field strength.

Dale W4OP

----- Original Message -----

From:
Ian Coots

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
December 20, 2013 12:52
AM
Subject:
[X1M_QRP-Transceiver] S Meter
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the edges of the scale on the meter.

Regards,

Ian Coots VK3YIC

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Version: 2014.0.4259 / Virus
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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6937 - Release Date: 12/20/13

3052. Re: Some info please

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 15:35:51 UTC
From: <disklog@...>
Topic: 3031 Message: 3052

Joel,
Check the Import communications website, they state at the bottom if units are in stock or not.
Also look in the files section here in the yahoo group. The schematic and other info is available for download.
Ken N2LZV

3053. Re: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 15:43:58 UTC
From: ken fest
Topic: 3041 Message: 3053

Dale,
No I did not do the 6db check. I did my calibration with the preamp off. When I turned the preamp on it did increase the S meter action a bit. I can live with it as is. Maybe when I have a permanently installed AGC board I will go over it all again. Right now the S meter and the RF output meter are all built up on Protoboards and connected by wires into the opened radio. It is a mess, but it works nicely.

No I can't find a search in the new yahoo groups either. I miss that search and I really dislike the new yahoo. Most of the time it will not let me post photos. This has been a very poor design change by the yahoo company.
Ken

On Fri, 12/20/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 20, 2013, 10:33 AM

I understand Ken- nice
work. Did you look at say
6dB increments down from there to see if S unit calibration
was
possible?
One of the issues with most
rigs today is that the
preamp effects the S meter reading- it should not. Only
Elecraft and Adat and
possibly ANAN have addressed this in their designs so that
it is possible to
zero out the preamp gain in firmware. Guess that rant
is a bit off topic
here.

On a different topic. I
seem to recall being able
to search Yahoo Group messages with key words. I cannot
find the
search field in their "improved" pages. Is
it still possible to
search?

Dale W4OP

----- Original Message -----

From:
ken fest

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
December 20, 2013 10:20
AM
Subject: Re:
[X1M_QRP-Transceiver] S
Meter scale

Dale,
I tried to calibrate the S meter using my HP signal
generator. I
used 100uv for S9 in my unit. I used USB on the radio and
AM on the generator.
I had to tune the radio off frequency and listen for the
loudest AM squeal. I
then adjusted the S meter for 100uv at S9. I tried other
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tuning the AM off frequency seemed to correspond to strong
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50uv for S9 and 100uv for S9 are both standards still used
today. The
100uv setting appeared to work better for the X1M.
Please keep in mind
that this is audio derived AGC and the S readings and can
best be described as
"approximate" .
Ken
N2LZV

On Fri, 12/20/13,
Dale Parfitt <parinc1@...> wrote:

Subject: Re:
[X1M_QRP-Transceiver] S Meter scale
To:
X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 20, 2013, 9:43
AM

Hi
Ian,
I am not sure if Ken has
done any absolute
measurements. Few S
meters are accurate- the Elecraft K3 and
the Adat 200A come
to mind
that can be calibrated in dB or dBmV. Most meters
are simply relative

field strength.

Dale W4OP

----- Original Message

From:
Ian Coots

To:
X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
December 20,
2013 12:52
AM
Subject:
[X1M_QRP-Transceiver] S Meter

scale

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the
edges of the scale match
the edges of the scale on the meter.

Regards,

Ian Coots VK3YIC

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12/19/13

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message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6937 - Release Date:
12/20/13

3054. Re: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 16:17:32 UTC
From: Dale Parfitt
Topic: 3041 Message: 3054

I'll bet your X1M looks like mine did while I designed the AGC circuit- wires everywhere.

Dale W4OP

----- Original Message -----
From: ken fest
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, December 20, 2013 10:43 AM
Subject: Re: [X1M_QRP-Transceiver] S Meter scale

Dale,
No I did not do the 6db check. I did my calibration with the preamp off. When I turned the preamp on it did increase the S meter action a bit. I can live with it as is. Maybe when I have a permanently installed AGC board I will go over it all again. Right now the S meter and the RF output meter are all built up on Protoboards and connected by wires into the opened radio. It is a mess, but it works nicely.

No I can't find a search in the new yahoo groups either. I miss that search and I really dislike the new yahoo. Most of the time it will not let me post photos. This has been a very poor design change by the yahoo company.
Ken

On Fri, 12/20/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 20, 2013, 10:33 AM

I understand Ken- nice
work. Did you look at say
6dB increments down from there to see if S unit calibration
was
possible?
One of the issues with most
rigs today is that the
preamp effects the S meter reading- it should not. Only
Elecraft and Adat and
possibly ANAN have addressed this in their designs so that
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zero out the preamp gain in firmware. Guess that rant
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here.

On a different topic. I
seem to recall being able
to search Yahoo Group messages with key words. I cannot
find the

search field in their "improved" pages. Is
it still possible to
search?

Dale W4OP

----- Original Message -----

From:
ken fest
To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
December 20, 2013 10:20
AM
Subject: Re:
[X1M_QRP-Transceiver] S
Meter scale

Dale,
I tried to calibrate the S meter using my HP signal
generator. I
used 100uv for S9 in my unit. I used USB on the radio and
AM on the generator.
I had to tune the radio off frequency and listen for the
loudest AM squeal. I
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tuning the AM off frequency seemed to correspond to strong
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50uv for S9 and 100uv for S9 are both standards still used
today. The
100uv setting appeared to work better for the X1M.
Please keep in mind
that this is audio derived AGC and the S readings and can
best be described as
"approximate" .
Ken
N2LZV

On Fri, 12/20/13,
Dale Parfitt <parinc1@...> wrote:

Subject: Re:
[X1M_QRP-Transceiver] S Meter scale
To:
X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 20, 2013, 9:43
AM

Hi
Ian,
I am not sure if Ken has
done any absolute
measurements. Few S
meters are accurate- the Elecraft K3 and
the Adat 200A come
to mind
that can be calibrated in dB or dBmV. Most meters
are simply relative

field strength.

Dale W4OP

----- Original Message

From:
Ian Coots

To:
X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
December 20,
2013 12:52
AM
Subject:
[X1M_QRP-Transceiver] S Meter

scale

Hello,

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common (in Australia) µA
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meters that are 58mm wide x 52mm high, but can
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any sized meter using the % enlarge/reduce function of
most

printers.

I took the scaling from
information from the ever
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to a label and
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edges of the scale match
the edges of the scale on the meter.

Regards,

Ian Coots VK3YIC

No virus
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Version:
2014.0.4259 / Virus
Database: 3658/6935 - Release
Date:
12/19/13

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message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6937 - Release Date:
12/20/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6937 - Release Date: 12/20/13

3055. 4 Pole CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 16:28:51 UTC
From: Dale Parfitt
Topic: 3055 Message: 3055
Attachments: 1 described; binary payloads are missing from this source WARC

I received the remainder of my crystal order last night and built up a prototype filter. I am amazed at how well the real world filter agrees with the synthesis/simulation. NO attempt was made to match crystals. While I am FAR from done, it is very encouraging to see the filter plot, center frequency, and loss in agreement with the software design. Next step is to design IN/OUT matching networks to transform the native 69 Ohms up to the required 500 Ohms and hardwire it into the radio. If that passes, then we'll figure out how to do the switching so the filter will automatically be enabled when CW mode is selected. I'll see if I can put an image in this post.
Dale W4OP

3056. RE: S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 16:42:19 UTC
From: <disklog@...>
Topic: 3041 Message: 3056

Hello Ian,
Your S meter scale is much nicer than anything I can make. Is there any chance you can make the same scale in a straight line rather than the curved line? I am thinking of using it to replace the scale on an edge view meter. Be nice to have both types of scales available for either type meter.
My meter will be horizontally mounted under the radio at the front.
Thank you, Ken

3057. RE: Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 17:03:24 UTC
From: <andreas.fuehrmann@...>
Topic: 2445 Message: 3057

Thanks, Ken! So it is not worth, tearing the rig apart to change the speaker...

Andy, DC3AFA

3058. Re: [X1M_QRP-Transceiver] RE: Internal speaker

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 17:06:50 UTC
From: ken fest
Topic: 2445 Message: 3058

Well in my opinion the change didn't do much but you might want to get other opinions. My ears might not be the best.
Ken

On Fri, 12/20/13, andreas.fuehrmann@... <andreas.fuehrmann@...> wrote:

Subject: [X1M_QRP-Transceiver] RE: Internal speaker
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 20, 2013, 12:03 PM

Thanks, Ken! So it is not worth, tearing the rig apart to
change the speaker...
Andy,
DC3AFA

3059. Re: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 18:34:26 UTC
From: Charlie , W5COV
Topic: 3041 Message: 3059

Hey Dale, I can actually answer the search question !!! lol

They hid it in plain sight in large enough print for we old codgers !!

Took me a while to figure it out with the change. It is the big box on the top of the page next to the purple "Search Groups" button (left side of button).

Charlie , W5COV

On 12/20/2013 9:33 AM, Dale Parfitt wrote:
>
> I understand Ken- nice work. Did you look at say 6dB increments down
> from there to see if S unit calibration was possible?
> One of the issues with most rigs today is that the preamp effects the
> S meter reading- it should not. Only Elecraft and Adat and possibly
> ANAN have addressed this in their designs so that it is possible to
> zero out the preamp gain in firmware. Guess that rant is a bit off
> topic here.
> On a different topic. I seem to recall being able to search Yahoo
> Group messages with key words. I cannot find the search field in
> their "improved" pages. Is it still possible to search?
> Dale W4OP
>
> ----- Original Message -----
> *From:* ken fest <mailto:disklog@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Friday, December 20, 2013 10:20 AM
> *Subject:* Re: [X1M_QRP-Transceiver] S Meter scale
>
> Dale,
> I tried to calibrate the S meter using my HP signal generator. I
> used 100uv for S9 in my unit. I used USB on the radio and AM on
> the generator. I had to tune the radio off frequency and listen
> for the loudest AM squeal. I then adjusted the S meter for 100uv
> at S9. I tried other ways to calibrate but tuning the AM off
> frequency seemed to correspond to strong SSB reception.
> 50uv for S9 and 100uv for S9 are both standards still used today.
> The 100uv setting appeared to work better for the X1M.
> Please keep in mind that this is audio derived AGC and the S
> readings and can best be described as "approximate" .
> Ken N2LZV
> --
> On Fri, 12/20/13, Dale Parfitt <parinc1@...> wrote:
>

> Subject: Re: [X1M_QRP-Transceiver] S Meter scale
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Friday, December 20, 2013, 9:43 AM
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> Hi Ian,
> I am not sure if Ken has
> done any absolute
> measurements. Few S meters are accurate- the Elecraft K3 and
> the Adat 200A come
> to mind that can be calibrated in dB or dBmV. Most meters
> are simply relative
> field strength.
>
> Dale W4OP
>
> ----- Original Message -----
>
> From:
> Ian Coots
>
> To: X1M_QRP-Transceiver@yahoogroups.com
>
>

> Sent: Friday,
> December 20, 2013 12:52
> AM
> Subject:
> [X1M_QRP-Transceiver] S Meter
> scale
>
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>
>
> Hello,
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> Regards,
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> Ian Coots VK3YIC
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> No virus found in this
> message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus
> Database: 3658/6935 - Release Date:
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> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6937 - Release Date:
> 12/20/13
>
>

3060. Re: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 18:46:24 UTC
From: Dale Parfitt
Topic: 3041 Message: 3060

Good grief- I always saw that field but never tried it as I did not want to search the groups- just wanted to search Messages in say X1M.
Tnx,

Dale W4OP
----- Original Message -----
From: Charlie , W5COV
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, December 20, 2013 1:34 PM
Subject: Re: [X1M_QRP-Transceiver] S Meter scale

Hey Dale, I can actually answer the search question !!! lol

They hid it in plain sight in large enough print for we old codgers !!

Took me a while to figure it out with the change. It is the big box on the top of the page next to the purple "Search Groups" button (left side of button).

Charlie , W5COV

On 12/20/2013 9:33 AM, Dale Parfitt wrote:

I understand Ken- nice work. Did you look at say 6dB increments down from there to see if S unit calibration was possible?
One of the issues with most rigs today is that the preamp effects the S meter reading- it should not. Only Elecraft and Adat and possibly ANAN have addressed this in their designs so that it is possible to zero out the preamp gain in firmware. Guess that rant is a bit off topic here.

On a different topic. I seem to recall being able to search Yahoo Group messages with key words. I cannot find the search field in their "improved" pages. Is it still possible to search?

Dale W4OP
----- Original Message -----
From: ken fest
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, December 20, 2013 10:20 AM
Subject: Re: [X1M_QRP-Transceiver] S Meter scale

Dale,
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Please keep in mind that this is audio derived AGC and the S readings and can best be described as "approximate" .
Ken N2LZV

On Fri, 12/20/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 20, 2013, 9:43 AM

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I am not sure if Ken has
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measurements. Few S meters are accurate- the Elecraft K3 and
the Adat 200A come
to mind that can be calibrated in dB or dBmV. Most meters
are simply relative
field strength.

Dale W4OP

----- Original Message -----

From:
Ian Coots

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
December 20, 2013 12:52
AM
Subject:
[X1M_QRP-Transceiver] S Meter
scale

Hello,

I have uploaded a pdf
into the files section of a printable
scale for an S-Meter.

It is sized to suit the
common (in Australia) µA
panel meters that are 58mm wide x 52mm high, but can
be printed to suit
any sized meter using the % enlarge/reduce function of
most
printers.

I took the scaling from
information from the ever reliable
Wikipedia so hopefully it will be correct. Just
print it to a label and

stick it to the face of your meter after checking the
edges of the scale match
the edges of the scale on the meter.

Regards,

Ian Coots VK3YIC

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6935 - Release Date:
12/19/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6937 - Release Date: 12/20/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6937 - Release Date: 12/20/13

3061. Searching

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 19:07:03 UTC
From: <disklog@...>
Topic: 3061 Message: 3061

Well you learn something every day!!! Thanks Charlie! I never noticed that before. Now I feel REALLY old.
Ken

3062. Re: [X1M_QRP-Transceiver] Searching

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 19:54:09 UTC
From: Charlie , W5COV
Topic: 3061 Message: 3062

LOL , Ken, I just got lucky, but I happened to want to look up one of your messages and remembered having tried before and not seeing how to do it.

When I FINALLY saw how to do it, I felt pretty bad about how simple it was and how much time that I had spent looking right at it and not realizing it !!

I guess it makes those of us that had the problem , true Old Timers !! <grin>

Glad to find out that I wasn't the only one with the issue. Now I don't feel as bad :)

Charlie, W5COV

On 12/20/2013 1:07 PM, disklog@... wrote:
>
> Well you learn something every day!!! Thanks Charlie! I never
> noticed that before. Now I feel REALLY old.
> Ken
>
>

3063. Re: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 21:26:49 UTC
From: Hans H Vollmer
Topic: 2998 Message: 3063
Attachments: 4 described; binary payloads are missing from this source WARC

Hi MF-Fans,

in the meantime I've built a simple low-pass-filter for 475 khz.
as the first part of a diplexer. In the attachment there are some jpgs of the
filter-response, the analyzer-results and the filter itself.
similar to Joe I measured about 20mW on 475 kHz.
But I think it is worth to follow this path. Maybe a steeper filter could suppres the 1st
harmonic more than the 40dB as it is now.
Amplification is not the problem, hi

73 and merry christmas to the group
de Hans, DF5SR

On Thursday, December 19, 2013 8:30 PM, "Charlie , W5COV" <cvest@...> wrote:

Thank you Hans !! A picture is worth a thousand words ....

Thank you for the idea too Dale !!

However I think this is out of my league, so I will be interested in
seeing more information from those of you with expertise in the
field.

Time for me to take a few lessons, from you guys.

Nap time :)

Charlie, W5COV

On 12/19/2013 1:18 PM, Dale Parfitt wrote:

>☐
>You make an excellent point Hans- the filter must be absorptive NOT reflective. The simplest solution might be a homebrew diplexer with the HF port terminated in 50 Ohms. There are many 5-10W 50 Ohm loads with an SMA connector available.
>
>Dale W4OP
>----- Original Message -----
>>From: Hans H Vollmer
>>To: X1M_QRP-Transceiver@yahoogroups.com
>>Sent: Thursday, December 19, 2013 2:04 PM
>>Subject: Re: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test [2 Attachments]
>>
>>
>>Hi MF-Fans,
>>

>>I made two scans with my analyzer with the X1M without
any filtering and
>>TX-QRG = 475 kHz.
>>The results are quite nice!
>>Joe and Klaus are right, filtering is absolutely
neccessary.
>>The filter has to absorb most of the power
transmitted.
>>
>>73 de Hans, DF5SR
>>
>>
>>
>>
>>On Thursday, December 19, 2013 7:20 PM, "mstangelo@..." <mstangelo@...> wrote:
>>
>>
>>Folks,
>>
>>Klaus makes a good point. You
sould check the power after a low
pass filter. Since the ferrite
transformers on the PA stage may
be inefficient at LF frequencies
most of the power output may be in
the HF sum frequerncy.
>>
>>Mike N2MS
>>----- Original Message -----
>>From: Klaus <dj7oo@t-online.de>
>>To: X1M QRP-Transceiver <X1M_QRP-Transceiver@yahoogroups.com>
>>Sent: Thu, 19 Dec 2013 16:19:03
-0000 (UTC)
>>Subject: [X1M_QRP-Transceiver] Re:
X1M pro LF/MF TX Test
>>
>>Hi,
>>as far as i am understanding its
schematics, the X1M is a single
conversion transceiver with
RX/TX-IF around 9 MHz. In receive
mode as well as in transmit mode
there ONLY is bandpath filtering
when operating within those 5
small amateur band segments.
Outside the bands in and output
signals only are passing two low
pass filters with an Fo at about
30 MHz.

>>After tuning the X1M to e.g. 475Khz, i found its main DDS to operate around 9475 KHz. When in transmission mode this should result in TWO output signals. One is around 9475-9000 = 475Khz and the second one around 9475+9000 = 18475KHz! Because outside those 5 band segments there is no band pass filtering at all and LPF surpression only will be for frequencys above 30 MHz, both signals must be available at TX output! So under NO circumstances any 'out of those 5 bands' transmission should be made without adding some sort of external filtering. Of course this also concerns the use of other Amateur Bands like e.g. 160m, 30m, 17m aso.
>>When operating 'out of bands', also attached power meters will be influenced by more than one signal. This means, also its readings can be expected to be quite inaccurate.
>>
>>73 de Klaus, DJ7OO
>>
>>----------
>>
>>
>>
>>
>>_____
>>
>>No virus found in this message.
>>Checked by AVG - www.avg.com
>>Version: 2014.0.4259 / Virus Database: 3658/6934 - Release Date: 12/19/13

3064. RE: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 21:36:54 UTC
From: Ian Coots
Topic: 3041 Message: 3064
Attachments: 1 described; binary payloads are missing from this source WARC

Yes Dale that□s what I figured. The scale looks like a □sort of logarithmic scale but not□ and as It□s basically used to tell someone if they Have an S7, S9 or 20 over, my guess was that is wasn□t all that critical.

If someone wanted to be pedantic, they could follow the □instructions□ listed in the Wikipedia S-meter article and calibrate it properly by applying the stated voltages, but for me that□s way too much information and I also don□t have the equipment.

I guess the other way it to use an ex CB meter as suggested. My scale was for those like myself who had a µA panel meter and wanted a more meaningful scale.

Thank you for the feedback. As always your input to this group is greatly appreciated.

Regards,

Ian Coots VK3YIC

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Saturday, 21 December 2013 1:43 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] S Meter scale

Hi Ian,

I am not sure if Ken has done any absolute measurements. Few S meters are accurate- the Elecraft K3 and the Adat 200A come to mind that can be calibrated in dB or dBmV. Most meters are simply relative field strength.

Dale W4OP

----- Original Message -----

From: Ian Coots <mailto:ianrob@...>

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday, December 20, 2013 12:52 AM

Subject: [X1M_QRP-Transceiver] S Meter scale

Hello,

I have uploaded a pdf into the files section of a printable scale for an S-Meter.

It is sized to suit the common (in Australia) µA panel meters that are 58mm wide x 52mm high, but can be printed to suit any sized meter using the % enlarge/reduce function of most printers.

I took the scaling from information from the ever reliable Wikipedia so hopefully it will be correct. Just print it to a label and stick it to the face of your meter after checking the edges of the scale match the edges of the scale on the meter.

Regards,

Ian Coots VK3YIC

ausflag

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6935 - Release Date: 12/19/13

3065. RE: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 21:41:35 UTC
From: Ian Coots
Topic: 3041 Message: 3065
Attachments: 1 described; binary payloads are missing from this source WARC

Dale,

Try using [Ctrl] [F] to search the group. A small ☐Find☐ window will op-en
on the left hand side of the screen in the tool bar.

Regards,

Ian Coots VK3YIC

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Saturday, 21 December 2013 2:34 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] S Meter scale

I understand Ken- nice work. Did you look at say 6dB increments down from
there to see if S unit calibration was possible?

One of the issues with most rigs today is that the preamp effects the S
meter reading- it should not. Only Elecraft and Adat and possibly ANAN have
addressed this in their designs so that it is possible to zero out the
preamp gain in firmware. Guess that rant is a bit off topic here.

On a different topic. I seem to recall being able to search Yahoo Group
messages with key words. I cannot find the search field in their
"improved" pages. Is it still possible to search?

Dale W4OP

----- Original Message -----

From: ken fest <mailto:disklog@...>

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday, December 20, 2013 10:20 AM

Subject: Re: [X1M_QRP-Transceiver] S Meter scale

Dale,
I tried to calibrate the S meter using my HP signal generator. I used 100uv
for S9 in my unit. I used USB on the radio and AM on the generator. I had to
tune the radio off frequency and listen for the loudest AM squeal. I then
adjusted the S meter for 100uv at S9. I tried other ways to calibrate but
tuning the AM off frequency seemed to correspond to strong SSB reception.
50uv for S9 and 100uv for S9 are both standards still used today. The 100uv

setting appeared to work better for the X1M.
Please keep in mind that this is audio derived AGC and the S readings and
can best be described as "approximate" .
Ken N2LZV

On Fri, 12/20/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 20, 2013, 9:43 AM

Hi Ian,
I am not sure if Ken has
done any absolute
measurements. Few S meters are accurate- the Elecraft K3 and
the Adat 200A come
to mind that can be calibrated in dB or dBmV. Most meters
are simply relative
field strength.

Dale W4OP

----- Original Message -----

From:
Ian Coots

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
December 20, 2013 12:52
AM
Subject:
[X1M_QRP-Transceiver] S Meter
scale

Hello,

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any sized meter using the % enlarge/reduce function of
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I took the scaling from
information from the ever reliable
Wikipedia so hopefully it will be correct. Just

print it to a label and
stick it to the face of your meter after checking the
edges of the scale match
the edges of the scale on the meter.

Regards,

Ian Coots VK3YIC

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6935 - Release Date:
12/19/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6937 - Release Date: 12/20/13

3066. Re: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 21:45:28 UTC
From: Dale Parfitt
Topic: 3041 Message: 3066
Attachments: 1 described; binary payloads are missing from this source WARC

Tnx,

Dale
----- Original Message -----
From: Ian Coots
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, December 20, 2013 4:41 PM
Subject: RE: [X1M_QRP-Transceiver] S Meter scale

Dale,

Try using [Ctrl] [F] to search the group. A small "Find" window will op-en on the left hand side of the screen in the tool bar.

Regards,

Ian Coots VK3YIC

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Saturday, 21 December 2013 2:34 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] S Meter scale

I understand Ken- nice work. Did you look at say 6dB increments down from there to see if S unit calibration was possible?

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To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday, December 20, 2013 10:20 AM

Subject: Re: [X1M_QRP-Transceiver] S Meter scale

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50uv for S9 and 100uv for S9 are both standards still used today. The 100uv setting appeared to work better for the X1M.
Please keep in mind that this is audio derived AGC and the S readings and can best be described as "approximate" .
Ken N2LZV

On Fri, 12/20/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 20, 2013, 9:43 AM

Hi Ian,
I am not sure if Ken has
done any absolute
measurements. Few S meters are accurate- the Elecraft K3 and
the Adat 200A come
to mind that can be calibrated in dB or dBmV. Most meters
are simply relative
field strength.

Dale W4OP

----- Original Message -----

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Ian Coots

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
December 20, 2013 12:52
AM
Subject:
[X1M_QRP-Transceiver] S Meter
scale

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printers.

I took the scaling from
information from the ever reliable
Wikipedia so hopefully it will be correct. Just
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edges of the scale match
the edges of the scale on the meter.

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Ian Coots VK3YIC

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Version: 2014.0.4259 / Virus
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12/19/13

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6937 - Release Date: 12/20/13

3067. Re: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 21:49:00 UTC
From: Dale Parfitt
Topic: 3041 Message: 3067
Attachments: 1 described; binary payloads are missing from this source WARC

That's all I would want would be a relative scale- although no reason we cannot calibrate to S9 just for a reference.
I appreciate your work,

Dale W4OP
----- Original Message -----
From: Ian Coots
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, December 20, 2013 4:36 PM
Subject: RE: [X1M_QRP-Transceiver] S Meter scale

Yes Dale.that's what I figured. The scale looks like a "sort of logarithmic scale but not" and as It's basically used to tell someone if they Have an S7, S9 or 20 over, my guess was that is wasn't all that critical.

If someone wanted to be pedantic, they could follow the "instructions" listed in the Wikipedia S-meter article and calibrate it properly by applying the stated voltages, but for me that's way too much information and I also don't have the equipment.

I guess the other way it to use an ex CB meter as suggested. My scale was for those like myself who had a µA panel meter and wanted a more meaningful scale.

Thank you for the feedback. As always your input to this group is greatly appreciated.

Regards,

Ian Coots VK3YIC

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Saturday, 21 December 2013 1:43 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] S Meter scale

Hi Ian,

I am not sure if Ken has done any absolute measurements. Few S meters are accurate- the Elecraft K3 and the Adat 200A come to mind that can be calibrated in dB or dBmV. Most meters are simply relative field strength.

Dale W4OP

----- Original Message -----

From: Ian Coots

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday, December 20, 2013 12:52 AM

Subject: [X1M_QRP-Transceiver] S Meter scale

Hello,

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It is sized to suit the common (in Australia) µA panel meters that are 58mm wide x 52mm high, but can be printed to suit any sized meter using the % enlarge/reduce function of most printers.

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Regards,

Ian Coots VK3YIC

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Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6935 - Release Date: 12/19/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6937 - Release Date: 12/20/13

3068. RE: [X1M_QRP-Transceiver] RE: S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 22:14:57 UTC
From: Ian Coots
Topic: 3041 Message: 3068
Attachments: 1 described; binary payloads are missing from this source WARC

Sure Ken,

Happy to oblige. Can you let me know the size you'd like the scale to be (height and width) and I'll make it to suit your meter. As with my original one it can be re-scaled when printing, but I may as well make the original to suit your meter.

Regards,

Ian Coots VK3YIC

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of disklog@...
Sent: Saturday, 21 December 2013 3:42 AM
To: X1M_QRP-Transceiver@...m
Subject: [X1M_QRP-Transceiver] RE: S Meter scale

Hello Ian,
Your S meter scale is much nicer than anything I can make. Is there any chance you can make the same scale in a straight line rather than the curved line? I am thinking of using it to replace the scale on an edge view meter. Be nice to have both types of scales available for either type meter.
My meter will be horizontally mounted under the radio at the front.
Thank you, Ken

3069. AW: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test [4 Attachments]

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 22:20:19 UTC
From: Joe
Topic: 2998 Message: 3069

Hi Hans,

thank you for working out.

This means everything is ok with my X1M.

Well, I don´t need this 20mW, have to reduce for another 6dB to reach the legal limit.

Thanks again

73 Joe

Von: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] Im Auftrag von Hans H Vollmer
Gesendet: Freitag, 20. Dezember 2013 22:27
An: X1M_QRP-Transceiver@yahoogroups.com
Betreff: Re: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test [4 Attachments]

Hi MF-Fans,

in the meantime I've built a simple low-pass-filter for 475 khz.
as the first part of a diplexer. In the attachment there are some jpgs of the filter-response, the analyzer-results and the filter itself.
similar to Joe I measured about 20mW on 475 kHz.
But I think it is worth to follow this path. Maybe a steeper filter could suppres the 1st harmonic more than the 40dB as it is now.
Amplification is not the problem, hi

73 and merry christmas to the group
de Hans, DF5SR

On Thursday, December 19, 2013 8:30 PM, "Charlie , W5COV" <cvest@cox.net> wrote:

Thank you Hans !! A picture is worth a thousand words ....

Thank you for the idea too Dale !!

However I think this is out of my league, so I will be interested in seeing more information from those of you with expertise in the field.

Time for me to take a few lessons, from you guys.

Nap time :)

Charlie, W5COV

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□

You make an excellent point Hans- the filter must be absorptive NOT reflective. The simplest solution might be a homebrew diplexer with the HF port terminated in 50 Ohms. There are many 5-10W 50 Ohm loads with an SMA connector available.

Dale W4OP

----- Original Message -----

From: Hans H Vollmer <mailto:hanshvollmer@...>

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Thursday, December 19, 2013 2:04 PM

Subject: Re: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test [2 Attachments]

Hi MF-Fans,

I made two scans with my analyzer with the X1M without any filtering and
TX-QRG = 475 kHz.
The results are quite nice!
Joe and Klaus are right, filtering is absolutely neccessary.
The filter has to absorb most of the power transmitted.

73 de Hans, DF5SR

On Thursday, December 19, 2013 7:20 PM, "mstangelo@..." <mstangelo@...> wrote:

Folks,

Klaus makes a good point. You sould check the power after a low pass filter. Since the ferrite transformers on the PA stage may be inefficient at LF frequencies most of the power output may be in the HF sum frequerncy.

Mike N2MS
----- Original Message -----
From: Klaus <mailto:dj7oo@...> <dj7oo@...>
To: X1M QRP-Transceiver <mailto:X1M_QRP-Transceiver@yahoogroups.com>
<X1M_QRP-Transceiver@yahoogroups.com>
Sent: Thu, 19 Dec 2013 16:19:03 -0000 (UTC)
Subject: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test

Hi,
as far as i am understanding its schematics, the X1M is a single conversion transceiver with RX/TX-IF around 9 MHz. In receive mode as well as in transmit mode there ONLY is bandpath filtering when operating within those 5 small amateur band segments. Outside the bands in and output signals only are passing two low pass filters with an Fo at about 30 MHz.
After tuning the X1M to e.g. 475Khz, i found its main DDS to operate around 9475 KHz. When in transmission mode this should result in TWO output signals. One is around 9475-9000 = 475Khz and the second one around 9475+9000 = 18475KHz! Because outside those 5 band segments there is no band pass filtering at all and LPF surpression only will be for frequencys above 30 MHz, both signals must be available at TX output! So under NO

circumstances any 'out of those 5 bands' transmission should be made without adding some sort of external filtering. Of course this also concerns the use of other Amateur Bands like e.g. 160m, 30m, 17m aso.
When operating 'out of bands', also attached power meters will be influenced by more than one signal. This means, also its readings can be expected to be quite inaccurate.

73 de Klaus, DJ7OO

No virus found in this message.
Checked by AVG - www.avg.com <http://www.avg.com/>
Version: 2014.0.4259 / Virus Database: 3658/6934 - Release Date: 12/19/13

3070. RE: [X1M_QRP-Transceiver] RE: S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 22:22:28 UTC
From: ken fest
Topic: 3041 Message: 3070

Hello Ian,
The meter I plan to use is in the mail to me. I don't yet know the scale size. The total meter size was listed as .5 inch high and 1.6 inch wide. Those type of meters usually have scales about 9 mm high and 42mm wide but that is just a guess. Is it ok if I email the size to you when it arrives here?
Ken

On Fri, 12/20/13, Ian Coots <ianrob@...> wrote:

Subject: RE: [X1M_QRP-Transceiver] RE: S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 20, 2013, 5:14 PM

Sure Ken,Happy to oblige. Can you let me
know the size you'd like the scale to be (height and
width) and I'll make it to suit your meter. As with my
original one it can be re-scaled when printing, but I may as
well make the original to suit your meter. Regards, Ian Coots VK3YIC From:
X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of
disklog@...
Sent: Saturday, 21 December 2013 3:42 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: S Meter
scale
Hello Ian,
Your S meter scale is much nicer than anything I can
make. Is there any chance you can make the same scale
in a straight line rather than the curved line? I am
thinking of using it to replace the scale on an edge view
meter. Be nice to have both types of scales available
for either type meter.
My meter will be horizontally mounted under the radio at the
front.
Thank you, Ken

3071. RE: [X1M_QRP-Transceiver] RE: S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 22:48:12 UTC
From: Ian Coots
Topic: 3041 Message: 3071
Attachments: 1 described; binary payloads are missing from this source WARC

That’s fine Ken…will only take maybe 15 minutes to create, so I’ll email you a copy and post it to group same day I get measurements

Regards,

Ian Coots VK3YIC

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ken fest
Sent: Saturday, 21 December 2013 9:22 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: S Meter scale

Hello Ian,
The meter I plan to use is in the mail to me. I don't yet know the scale size. The total meter size was listed as .5 inch high and 1.6 inch wide. Those type of meters usually have scales about 9 mm high and 42mm wide but that is just a guess. Is it ok if I email the size to you when it arrives here?
Ken

On Fri, 12/20/13, Ian Coots <ianrob@...> wrote:

Subject: RE: [X1M_QRP-Transceiver] RE: S Meter scale
To: X1M_QRP-Transceiver@...m
Date: Friday, December 20, 2013, 5:14 PM

Sure Ken,Happy to oblige. Can you let me
know the size you’d like the scale to be (height and
width) and I’ll make it to suit your meter. As with my
original one it can be re-scaled when printing, but I may as
well make the original to suit your meter. Regards, Ian Coots VK3YIC From:
X1M_QRP-Transceiver@yahoogroups.com
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disklog@...
Sent: Saturday, 21 December 2013 3:42 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: S Meter
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Hello Ian,
Your S meter scale is much nicer than anything I can
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in a straight line rather than the curved line? I am
thinking of using it to replace the scale on an edge view
meter. Be nice to have both types of scales available

for either type meter.
My meter will be horizontally mounted under the radio at the
front.
Thank you, Ken

3072. Does anyone know what kit I need for 17 Meters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 22:49:19 UTC
From: rickmac06@frontier.com
Topic: 3072 Message: 3072

Greetings Folks,

In an effort to cleanup 17 Meters for transmit, I purchased a bandpass filter from kitsandparts.com (universal bandpass filter). Only to find out that it is for receive only, and has high insertion loss. Has anyone on the group actually built a kit for 17 meters that is working good for you? Perhaps someone has a found a simple solution.
Thanks, Rick.

3073. Re: [X1M_QRP-Transceiver] Does anyone know what kit I need for 17 Meters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-20 23:06:25 UTC
From: Dale Parfitt
Topic: 3072 Message: 3073

That is always the issue with narrow BP filters. As one narrows the BW (assuming component Q's remain the same) the insertion loss goes up. Same issue I face with designing the CW filter. Can't fool Mother Physics.

Dale W4OP
----- Original Message -----
From: rickmac06@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, December 20, 2013 5:49 PM
Subject: [X1M_QRP-Transceiver] Does anyone know what kit I need for 17 Meters

Greetings Folks,

In an effort to cleanup 17 Meters for transmit, I purchased a bandpass filter from kitsandparts.com (universal bandpass filter). Only to find out that it is for receive only, and has high insertion loss. Has anyone on the group actually built a kit for 17 meters that is working good for you? Perhaps someone has a found a simple solution.
Thanks, Rick.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6937 - Release Date: 12/20/13

3074. RE: [X1M_QRP-Transceiver] RE: S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-21 00:11:23 UTC
From: ken fest
Topic: 3041 Message: 3074

Thanks Ian.

On Fri, 12/20/13, Ian Coots <ianrob@...> wrote:

Subject: RE: [X1M_QRP-Transceiver] RE: S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 20, 2013, 5:48 PM

That’s fine Ken…will only
take maybe 15 minutes to create, so I’ll email you a copy
and post it to group same day I get
measurements Regards, Ian Coots VK3YIC From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of
ken fest
Sent: Saturday, 21 December 2013 9:22 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: S Meter
scale Hello Ian,
The meter I plan to use is in the mail to me. I don't
yet know the scale size. The total meter size was listed as
.5 inch high and 1.6 inch wide. Those type of meters usually
have scales about 9 mm high and 42mm wide but that is just a
guess. Is it ok if I email the size to you when it arrives
here?
Ken

On Fri, 12/20/13, Ian Coots <ianrob@...>
wrote:

Subject: RE: [X1M_QRP-Transceiver] RE: S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 20, 2013, 5:14 PM

Sure Ken,Happy to oblige. Can you let me
know the size you’d like the scale to be (height and
width) and I’ll make it to suit your meter. As with my
original one it can be re-scaled when printing, but I may
as
well make the original to suit your meter.
 Regards, Ian Coots VK3YIC
 From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com]
On Behalf Of
disklog@yahoo.com
Sent: Saturday, 21 December 2013 3:42 AM
To: X1M_QRP-Transceiver@yahoogroups.com

Subject: [X1M_QRP-Transceiver] RE: S Meter
scale
   Hello Ian,
Your S meter scale is much nicer than anything I can
make. Is there any chance you can make the same scale
in a straight line rather than the curved line? I am
thinking of using it to replace the scale on an edge view
meter. Be nice to have both types of scales available
for either type meter.
My meter will be horizontally mounted under the radio at
the
front.
Thank you, Ken

3075. RE: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-21 01:58:52 UTC
From: Lee
Topic: 3041 Message: 3075
Attachments: 1 described; binary payloads are missing from this source WARC

That will only fine a word on the open web page you are on, not all messages.

Lee ☐ N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots
Sent: Friday, December 20, 2013 3:42 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] S Meter scale

Dale,

Try using [Ctrl] [F] to search the group. A small ☐Find☐ window will op-en on the left hand side of the screen in the tool bar.

Regards,

Ian Coots VK3YIC

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Saturday, 21 December 2013 2:34 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] S Meter scale

I understand Ken- nice work. Did you look at say 6dB increments down from there to see if S unit calibration was possible?

One of the issues with most rigs today is that the preamp effects the S meter reading- it should not. Only Elecraft and Adat and possibly ANAN have addressed this in their designs so that it is possible to zero out the preamp gain in firmware. Guess that rant is a bit off topic here.

On a different topic. I seem to recall being able to search Yahoo Group messages with key words. I cannot find the search field in their "improved" pages. Is it still possible to search?

Dale W4OP

----- Original Message -----

From: ken fest <mailto:disklog@...>

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday, December 20, 2013 10:20 AM

Subject: Re: [X1M_QRP-Transceiver] S Meter scale

Dale,
I tried to calibrate the S meter using my HP signal generator. I used 100uv for S9 in my unit. I used USB on the radio and AM on the generator. I had to tune the radio off frequency and listen for the loudest AM squeal. I then adjusted the S meter for 100uv at S9. I tried other ways to calibrate but tuning the AM off frequency seemed to correspond to strong SSB reception. 50uv for S9 and 100uv for S9 are both standards still used today. The 100uv setting appeared to work better for the X1M.
Please keep in mind that this is audio derived AGC and the S readings and can best be described as "approximate" .
Ken N2LZV

On Fri, 12/20/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 20, 2013, 9:43 AM

Hi Ian,
I am not sure if Ken has
done any absolute
measurements. Few S meters are accurate- the Elecraft K3 and
the Adat 200A come
to mind that can be calibrated in dB or dBmV. Most meters
are simply relative
field strength.

Dale W4OP

----- Original Message -----

From:
Ian Coots

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
December 20, 2013 12:52
AM
Subject:
[X1M_QRP-Transceiver] S Meter
scale

Hello,

I have uploaded a pdf
into the files section of a printable
scale for an S-Meter.

It is sized to suit the
common (in Australia) µA
panel meters that are 58mm wide x 52mm high, but can
be printed to suit
any sized meter using the % enlarge/reduce function of
most
printers.

I took the scaling from
information from the ever reliable
Wikipedia so hopefully it will be correct. Just
print it to a label and
stick it to the face of your meter after checking the
edges of the scale match
the edges of the scale on the meter.

Regards,

Ian Coots VK3YIC

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6935 - Release Date:
12/19/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6937 - Release Date: 12/20/13

3076. RE: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-21 02:02:47 UTC
From: Ian Coots
Topic: 3041 Message: 3076
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks Lee.

Regards,

Ian Coots

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Lee
Sent: Saturday, 21 December 2013 12:59 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] S Meter scale

That will only fine a word on the open web page you are on, not all
messages.

Lee ☐ N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Ian Coots
Sent: Friday, December 20, 2013 3:42 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] S Meter scale

Dale,

Try using [Ctrl] [F] to search the group. A small ☐Find☐ window will op-en
on the left hand side of the screen in the tool bar.

Regards,

Ian Coots VK3YIC

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Dale Parfitt
Sent: Saturday, 21 December 2013 2:34 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] S Meter scale

I understand Ken- nice work. Did you look at say 6dB increments down from
there to see if S unit calibration was possible?

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meter reading- it should not. Only Elecraft and Adat and possibly ANAN have
addressed this in their designs so that it is possible to zero out the

preamp gain in firmware. Guess that rant is a bit off topic here.

On a different topic. I seem to recall being able to search Yahoo Group messages with key words. I cannot find the search field in their "improved" pages. Is it still possible to search?

Dale W4OP

----- Original Message -----

From: ken fest <mailto:disklog@...>

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday, December 20, 2013 10:20 AM

Subject: Re: [X1M_QRP-Transceiver] S Meter scale

Dale,
I tried to calibrate the S meter using my HP signal generator. I used 100uv for S9 in my unit. I used USB on the radio and AM on the generator. I had to tune the radio off frequency and listen for the loudest AM squeal. I then adjusted the S meter for 100uv at S9. I tried other ways to calibrate but tuning the AM off frequency seemed to correspond to strong SSB reception. 50uv for S9 and 100uv for S9 are both standards still used today. The 100uv setting appeared to work better for the X1M.
Please keep in mind that this is audio derived AGC and the S readings and can best be described as "approximate" .
Ken N2LZV

On Fri, 12/20/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 20, 2013, 9:43 AM

Hi Ian,
I am not sure if Ken has
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measurements. Few S meters are accurate- the Elecraft K3 and
the Adat 200A come
to mind that can be calibrated in dB or dBmV. Most meters
are simply relative
field strength.

Dale W4OP

----- Original Message -----

From:
Ian Coots

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
December 20, 2013 12:52
AM
Subject:
[X1M_QRP-Transceiver] S Meter
scale

Hello,

I have uploaded a pdf
into the files section of a printable
scale for an S-Meter.

It is sized to suit the
common (in Australia) µA
panel meters that are 58mm wide x 52mm high, but can
be printed to suit
any sized meter using the % enlarge/reduce function of
most
printers.

I took the scaling from
information from the ever reliable
Wikipedia so hopefully it will be correct. Just
print it to a label and
stick it to the face of your meter after checking the
edges of the scale match
the edges of the scale on the meter.

Regards,

Ian Coots VK3YIC

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Version: 2014.0.4259 / Virus
Database: 3658/6935 - Release Date:
12/19/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6937 - Release Date: 12/20/13

3077. New Firmware Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-21 16:28:03 UTC
From: <ed@...>
Topic: 3077 Message: 3077

The radios that were shipped to me a week or so ago, came with older firmware. I have no idea why this happened but I have been updating these radios to the Nov 20 firmware before I shipped them out. A few days ago the factory sent an email saying the firmware in this last shipment had problems and they were preparing an update. I asked what the problem was and they replied, CW frequency instability and CW frequency offset. I have no idea exactly what they are referring to and if they are referring to the Nov 20 firmware or other. They say they will send the firmware update tomorrow or Monday. I'll post it here when it arrives.

73
Ed
www.importcommunications.com

ps.
I am finally upgrading my 5 year old pay-by-the-minute cell phone to a Galaxy s3 with unlimited service. I was browsing some Android apps last night and noticed an app for PSK31. Has anyone tried that? It could be a very simple way to do some very basic PSK31 on the X1M with no additional investment.

3078. RE: New Firmware Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-21 16:35:33 UTC
From: <lphebus@...>
Topic: 3077 Message: 3078

Not exactly an answer to your question... but... I have an iPad PSK-31 app that works only in receive mode. It has a waterfall display and does a nice job of decoding any one transmission, chosen by touching the appropriate line in the waterfall. The mic on the iPad "hears" the RX audio from my X1M. There is no TX function however... wish there were.

3079. Re: [X1M_QRP-Transceiver] New Firmware Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-21 16:53:23 UTC
From: Bill Smith
Topic: 3077 Message: 3079

Ed

I have used the PSK31 app on my Galaxy 2 tablet and it works ok. The app struggles a bit with decoding on receive. But all in all not a bad app. The developer has sent out a software upgrade that is supposed to address this problem. I have not used it since the upgrade- its on my long list. The developer makes a cable interface for various radios and will provide the schematic to put together your own I have been using it with my FT-857D so I can't comment on how it works on the X1M.

Google Wolphi - the developer.

Bill
KK6WLS
On Dec 21, 2013 8:28 AM, <ed@...> wrote:

>
>
> The radios that were shipped to me a week or so ago, came with older
> firmware. I have no idea why this happened but I have been updating these
> radios to the Nov 20 firmware before I shipped them out. A few days ago
> the factory sent an email saying the firmware in this last shipment had
> problems and they were preparing an update. I asked what the problem was
> and they replied, CW frequency instability and CW frequency offset. I have
> no idea exactly what they are referring to and if they are referring to the
> Nov 20 firmware or other. They say they will send the firmware update
> tomorrow or Monday. I'll post it here when it arrives.
>
> 73
> Ed
> www.importcommunications.com
>
> ps.
> I am finally upgrading my 5 year old pay-by-the-minute cell phone to a
> Galaxy s3 with unlimited service. I was browsing some Android apps last
> night and noticed an app for PSK31. Has anyone tried that? It could be a
> very simple way to do some very basic PSK31 on the X1M with no additional
> investment.
>
>

3080. RE: New Firmware Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-21 20:21:49 UTC
From: <daveflack@...>
Topic: 3077 Message: 3080

I have used DroidPSK since it first came out. It had some problems but it was clearly the best app on Android or iOS. (I have used them all.) I worked with Wolphi, the developer of DroidPSK, on the beta versions up to its release of the non-beta V3.0 a few days ago on Play Store. It is a great app that I use on my HTC Sensation phone and my Nexus 7 (2013). I also use the interface he sells. You MUST have a tablet with a wired microphone input to use a non-acoustic interface. (I have no financial interest in the products.)
73,
Dave
W6DLF

3081. Where to buy?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-21 20:35:41 UTC
From: <sm6vkc@...>
Topic: 3081 Message: 3081

Where to buy X1M transciever from Asia?

Regards Peter

3082. Re: [X1M_QRP-Transceiver] Where to buy?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-21 20:39:43 UTC
From: ken fest
Topic: 3081 Message: 3082

No idea where to purchase in Asia.
Maybe you can contact Ed at the Import Communications website and ask him. He imports them to the USA.
Ken

On Sat, 12/21/13, sm6vkc@... <sm6vkc@...> wrote:

Subject: [X1M_QRP-Transceiver] Where to buy?
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Saturday, December 21, 2013, 3:35 PM

Where to buy X1M transciever from Asia?
Regards Peter

3083. RE: Where to buy?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-21 21:09:07 UTC
From: <ip_56@...>
Topic: 3081 Message: 3083

Try it here

http://wimo.de/x1m_qrp_transceiver_e.html

73 Ingo

3084. Higher wattage final Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-22 00:58:36 UTC
From: <disklog@...>
Topic: 3084 Message: 3084

For those that have asked, it has been 10 days since I installed the higher wattage mosfet in my X1Mpro. (RD16HHF1)
I have made numerous contacts with no problems at all. The replacement mosfet is made by the same manufacturer as the original mosfet and has the same "withstands 20 to 1 Vswr" rating. The wattage boost was moderate (3 additional watts) given the low drive provided by the driver transistor. However all reports have been good and I am happy with the results and performance.
Just today I made a 1231 mile SSB contact with a ham in New Hampshire, not bad for a QRP radio with a wire antenna.
Just thought I'd provide this update for those that have an interest in these modifications.
Ken N2LZV

3085. Re: [X1M_QRP-Transceiver] Higher wattage final Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-22 01:16:38 UTC
From: M K
Topic: 3084 Message: 3085

Is there a way to increase the drive?
Or....is a way to allow more current through the PA?
Either would increase the output.

On Sat, Dec 21, 2013 at 7:58 PM, <disklog@...> wrote:

>
>
> For those that have asked, it has been 10 days since I installed the
> higher wattage mosfet in my X1Mpro. (RD16HHF1)
> I have made numerous contacts with no problems at all. The replacement
> mosfet is made by the same manufacturer as the original mosfet and has the
> same "withstands 20 to 1 Vswr" rating. The wattage boost was moderate (3
> additional watts) given the low drive provided by the driver transistor.
> However all reports have been good and I am happy with the results and
> performance.
> Just today I made a 1231 mile SSB contact with a ham in New Hampshire, not
> bad for a QRP radio with a wire antenna.
> Just thought I'd provide this update for those that have an interest in
> these modifications.
> Ken N2LZV
>
>
>

3086. RE: Higher wattage final Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-22 01:16:58 UTC
From: <lphebus@...>
Topic: 3084 Message: 3086

Thanks Ken, maybe time for me to order the MOSFET upgrade transistors... Thanks for the upgrade update ;-)

3087. Re: Higher wattage final Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-22 01:34:16 UTC
From: Joel Caulkins
Topic: 3084 Message: 3087

Thanks Ken,

That was just what I wanted to know. Should be ordering mine in a few days.

Joel KB6QVI

3088. Re: [X1M_QRP-Transceiver] Higher wattage final Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-22 01:39:09 UTC
From: Charlie , W5COV
Topic: 3084 Message: 3088

Thanks for all of your work Ken. It is very much appreciated to see
people contribute to improving the radio and sharing it with the rest of us.
The next time I have mine open, I will change out the transistor. I
ordered a couple when you first mentioned that you were going to try it.
Listening to transformers explode from the heavy ice storm that we have.
About 1 an hour right now.

Charlie, W5COV

On 12/21/2013 6:58 PM, disklog@... wrote:
>
> For those that have asked, it has been 10 days since I installed the
> higher wattage mosfet in my X1Mpro. (RD16HHF1)
> I have made numerous contacts with no problems at all. The
> replacement mosfet is made by the same manufacturer as the original
> mosfet and has the same "withstands 20 to 1 Vswr" rating. The wattage
> boost was moderate (3 additional watts) given the low drive provided
> by the driver transistor. However all reports have been good and I am
> happy with the results and performance.
> Just today I made a 1231 mile SSB contact with a ham in New Hampshire,
> not bad for a QRP radio with a wire antenna.
> Just thought I'd provide this update for those that have an interest
> in these modifications.
> Ken N2LZV
>
>

3089. Re: [X1M_QRP-Transceiver] Higher wattage final Update

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-22 01:40:32 UTC
From: ken fest
Topic: 3084 Message: 3089

The predriver has a 3db attenuator in front of it. I have no idea why but I suspect it is to keep the input to that stage below maximums on all bands and to provide a nice 50ohm match to the mmic.
The driver transistor had a point 1 db attenuator in front of it which isn't reducing much but does provide a nice output match for the mmic. This is an old trick usually used to insure stability with high gain mmic packages. I don't see much in the way of change in either stage to increase the output. I am more inclined to believe that the final mosfet passive components (particularly the coils) could be modified for better output but might change the bandwidth of the final stage. This type of change is WAYYYYY beyond my skill level.
More importantly, any moderate added output will make zero difference on the receive end. It just seems not worth the effort and additional current draw. My transistor change was designed to insure at least 5 watts out on all bands and help compensate for tuner/low pass filter/etc losses.
Having said all this, I too am troubled with using a 16-18 watt transistor for only 8 or 9 watts. So, if any competent RF engineers are out there and want to step up to the challenge, please don't be bashful.
Personally I think this simple mosfet change sort of makes this part of the transmitter bullet proof.
Ken N2LZV

On Sat, 12/21/13, M K <ka2mce@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] Higher wattage final Update
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Saturday, December 21, 2013, 8:16 PM

Is there a way to increase the
drive?
Or....is a way to allow more current through the PA?
Either would increase the output.

On Sat, Dec 21, 2013 at 7:58 PM, <disklog@...>
wrote:

For those that have asked, it has been 10 days since I
installed the higher wattage mosfet in my X1Mpro.
(RD16HHF1)
 I have made numerous contacts with no problems at all. The
replacement mosfet is made by the same manufacturer as the
original mosfet and has the same "withstands 20 to 1
Vswr" rating. The wattage boost was moderate (3
additional watts) given the low drive provided by the driver
transistor. However all reports have been good and I am
happy with the results and performance.

Just today I made a 1231 mile SSB contact with a ham in New
Hampshire, not bad for a QRP radio with a wire antenna.
Just thought I'd provide this update for those that have
an interest in these modifications.
Ken N2LZV

3090. LED RF Output Indicator

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-22 05:21:53 UTC
From: <disklog@...>
Topic: 3090 Message: 3090

I have uploaded to the files section a simple LED rf output indicator for the X1M or any qrp rig. The sensitivity is adjustable. If a high brightness red LED is used, (or several) one might be able to flood the display with red light when transmitting. Makes a smaller RF indicator than a meter.
Ken N2LZV

3091. BFO Alignment Questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-22 17:41:12 UTC
From: <mikejmardis@...>
Topic: 3091 Message: 3091

I was attempting to align the radio today. I watched a video on YouTube by VK3TWO and have two questions: 1- I'm curios what values others have theirs set to. Mine were- IF offset 08999550 LSB BFO 08998450 USB BFO 09000650 CW BFO see question #2 2- in the manual and in past post it has been said to set the CW BFO to the same as the IF Offset. The gentleman in the video, although admitting to "not be a CW guy" suggest it be high than the IF by the value you set your tone. Which is correct?

3092. Edge View Meter on Ebay

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-22 19:38:16 UTC
From: <disklog@...>
Topic: 3092 Message: 3092

Charlie,
I mentioned that I would let you know if I saw any more appropriate meters on ebay.
Here is what appears to be the exact type of edge view meter I am using under my X1M.
It is selling on ebay for a reasonable amount.

http://www.ebay.com/itm/360815890735?ssPageName=STRK:MEWAX:IT&_trksid=p3984.m1423.l2649

The size is 1/2 high x 1.6inch wide. I don't see these meters too often.
Hope someone finds it of use.
Ken N2LZV

3093. RE: BFO Alignment Questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-22 20:20:35 UTC
From: <lphebus@...>
Topic: 3091 Message: 3093

Hi, Mine are currently adjusted to:

IF 09000186
LSB 08999085
USB 09000186

I have no idea if this is ideal... so far it works for me... I have not yet explored CW.

3094. Re: [X1M_QRP-Transceiver] RE: BFO Alignment Questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-22 20:43:02 UTC
From: Tim
Topic: 3091 Message: 3094

This <kind of> goes along with this thread... I've noticed that the
frequency is off about 100hz.

Looking at the calibration constants, there is a ... 32768... value, but
I don't think that's what needs to be modified... it might change the
step size.

Just wondering if the TCXO is what needs to be adjusted. (I noticed a
sticker on top of the module.. maybe there's a variable cap under it).

Anybody else notice this? (I have one of the originals).

Thanks,

Tim W5FN

>
>
> Hi, Mine are currently adjusted to:
>
>
> IF 09000186
>
> LSB 08999085
>
> USB 09000186
>
>
> I have no idea if this is ideal... so far it works for me... I have
> not yet explored CW.
>
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>
>

3095. Re: [X1M_QRP-Transceiver] BFO Alignment Questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-22 20:49:50 UTC
From: Charlie , W5COV
Topic: 3091 Message: 3095

Hi Mike and group members,

The manual is a "fluid" document, and Paul does a great job of keeping it right up to date.

He has consulted with many people on the group that use all modes and the people that helped develop the parameters of the radio that you own today, as long as you have kept your firmware up to date.

While we are not certain what the upgrade expected for tomorrow is yet, you can be assured it will get tested by those same people and input from ANY group member that finds an issue, that we are not aware of. THAT is what makes the radio as good as it is today.

So if you have ANY questions posting them here, is a good idea. The manual is the most up to date information on the radio. It has gone through MANY changes since that video was made.

Here is the pertinent section of the manual :

***Adjust CW only after you do the IF OFFSET, USB BFO, and LSB BFO settings. Once
you have USB/LSB set to your liking, CW setup is easy. Simply set the CW BFO (Menu
Item #4) = to your IF OFFSET value. Go to Menu item #5 and set the CW Tone to the
tone you like to listen to when copying the station you are working. Typically the value will
be between 500Hz and 800Hz. Note that this value effects only the receive frequency.***

The steps for setting ALL of the offsets are covered in the manual on the same page, and just previous to these setup instructions.

Naturally getting the 9 MHz. IF offset set correctly first is of HIGH PRIORITY. It will vary slightly from radio to radio, but it is the main setting to spend just a little extra time getting it just right for you and your radio. Everything else is mathematically related to this. The CW Tone setting is for your own preference of what tone you prefer to listen to CW. I typically like 700 Hz.

However maybe Dale will add some information here, but I "think" that his CW Crystal filter is going to use 600 Hz.

Charlie, W5COV

On 12/22/2013 11:41 AM, mikejmardis@... wrote:
>

> I was attempting to align the radio today. I watched a video on
> YouTube by VK3TWO and have two questions: 1- I'm curios what values
> others have theirs set to. Mine were- IF offset 08999550 LSB BFO
> 08998450 USB BFO 09000650 CW BFO see question #2 2- in the manual and
> in past post it has been said to set the CW BFO to the same as the IF
> Offset. The gentleman in the video, although admitting to "not be a CW
> guy" suggest it be high than the IF by the value you set your tone.
> Which is correct?
>
>

3096. Re: [X1M_QRP-Transceiver] RE: BFO Alignment Questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-22 21:02:49 UTC
From: Charlie , W5COV
Topic: 3091 Message: 3096

Hi Tim and group,

You pose a good question that is beyond the scope of the manual. However we are blessed on this group, to have some people with a LOT of expertise in different areas of the radio and the radio is luckily composed of many popular and very common circuits that have been around for quite a while now.

Lee /7 and Stephen Farthing, (OF QRSS FAME:) originally from the UK , both are people with a HUGE amount of knowledge on this particular DDS-VFO configuration.

I am certain that they can contribute to answering your question. Lee /7 has helped me before using a similar setup in another home built project.

Charlie , W5COV

On 12/22/2013 2:43 PM, Tim wrote:
>
> This <kind of> goes along with this thread... I've noticed that the
> frequency is off about 100hz.
>
> Looking at the calibration constants, there is a ... 32768... value,
> but I don't think that's what needs to be modified... it might change
> the step size.
>
> Just wondering if the TCXO is what needs to be adjusted. (I noticed a
> sticker on top of the module.. maybe there's a variable cap under it).
>
> Anybody else notice this? (I have one of the originals).
>
> Thanks,
>
> Tim W5FN
>
>
>> Hi, Mine are currently adjusted to:
>>
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>> IF 09000186
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>> LSB 08999085
>>
>> USB 09000186
>>
>>

>> I have no idea if this is ideal... so far it works for me... I have
>> not yet explored CW.
>>
>
>

3097. RE: [X1M_QRP-Transceiver] Edge View Meter on Ebay

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-22 21:12:01 UTC
From: Ian Coots
Topic: 3092 Message: 3097
Attachments: 1 described; binary payloads are missing from this source WARC

Try this Charlie.

http://www.ebay.com/itm/DC-ANALOG-PANEL-METER-A-2-/360815890733?pt=LH_DefaultDomain_0&hash=item54024d912d

Regards,

Ian VK3YIC

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of disklog@...
Sent: Monday, 23 December 2013 6:38 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Edge View Meter on Ebay

Charlie,
I mentioned that I would let you know if I saw any more appropriate meters on ebay.
Here is what appears to be the exact type of edge view meter I am using under my X1M.
It is selling on ebay for a reasonable amount.

http://www.ebay.com/itm/360815890735?ssPageName=STRK:MEWAX:IT <http://www.ebay.com/itm/360815890735?ssPageName=STRK:MEWAX:IT&_trksid=p3984.m1423.l2649> &_trksid=p3984.m1423.l2649

The size is 1/2 high x 1.6inch wide. I don't see these meters too often.
Hope someone finds it of use.
Ken N2LZV

3098. ROLL YOUR OWN FILTERS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-22 23:42:02 UTC
From: Charlie , W5COV
Topic: 3098 Message: 3098

I have just uploaded to the main group page a couple of pages of information from the RSGB , for those of you that wish to operate the X1M on bands other than those covered by the internal filters. It is in the Mods and Reviews section.

These are QRP filters, designed for 10 watts .

They are 7 element low pass filters and are inserted between the transmitter and antenna.

A nice clean and simple layout and certainly recommended when operating on frequencies outside of those covered by the internal filters. Never hurts to be a good neighbor , and gives you any of the bands that you might want.

If any of you are new to winding toroids, they are simple to do. I usually have at least one project every day that involves one or more filter. One caution EACH TIME you just run a wire through the core is ONE turn.

If you need any help , plenty available here on this great group. ENJOY some new bands with your rig !!

IF you need values for the experimental bands, I can provide you with a nice link for those also.

Someone good with ExpressPCB , might want to design a blank board, that we could order in bulk, if there was enough interest. I have a couple of good scans that I could send you of the boards that I regularly use.

Charlie, W5COV

3099. RE: BFO Alignment Questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 00:21:41 UTC
From: <pal350@...>
Topic: 3091 Message: 3099

My current parameters are:

IF: 8999554
LSB: 8998450
USB: 9000652
CW: 8998754
CW TONE: 800
DDS CLK: 32768
DDS MLT: 1

I didn't mess with the last two at all.

In my particular X1M these parameters make USB and LSB sound almost exactly the same when listening to noise, and WWV is within a few Hz on both sidebands. The crystal filter in each radio will be a little different.

As for setting up CW, it's important to actually understand what the developers are doing with the radio. Here's what I THINK is going on.

The X1M Pro schematic is not easy to read, and there's no theory I can find. But the only places I could find "CW TONE" were on a line coming out of the microprocessor on page 3, and one going into the audio output stages at lower right on page 6.

It appeared to me that the CW TONE adjustment does not affect any RF frequency determining stages. I'm guessing it adjusts the frequency of an audio oscillator implemented in firmware to give the user sidetone while operating CW.

As an example, say I set both my PRC-1099 packset and my X1M to 7.040 MHz. Using the settings above, I can have a CW QSO with myself, and the RX audio out at both ends is 800 Hz.

Then without changing any other settings, I changed the CW TONE to 1800. Result was I still heard an 800 Hz tone in both receivers, but the TRANSMIT CW SIDETONE in the X1M was now 1800 Hz.

I further tested my theory by setting the CW BFO value equal to the IF OFFSET value. This results in the generated carrier going right down the center of the X1M IF and then out the radio dead on the indicated frequency of 7.040. I hear a zero beat in the PRC-1099, which is listening on USB to a straight sine wave carrier coming in at the bottom of the filter (basically getting suppressed, although it's so strong I can hear some crud getting through). Obviously, that won't do.

By moving the CW BFO setting DOWN 800 Hz (which DOES affect an RF oscillator somewhere), the result is a sine wave carrier at 7.040.800. This moves the carrier up 800 Hz in the (USB) filter passband of the PRC-1099 receiver, resulting in a demodulated 800 Hz tone.

An aside on how the PRC-1099 generates CW. When I hit the CW key on the 1099, it applies an 800 Hz audio tone to the balanced modulator, ultimately resulting in a carrier

transmitted at 7.040.800. The X1M presents that as an 800 Hz tone in its audio output.

Just for grins, I set CW BFO to 800 Hz ABOVE the IF setting. Yep, that gives me an 800 Hz audio tone on the 1099 audio, but with the mode set to LSB. The mil standard is CW on USB, to prevent exactly this kind of getting wrapped around the axle, so I set it back.

The totally bizarre thing (until I understand it) is this: while in CW mode as I adjust the CW TONE setting up and down, I can hear the timbre of the X1M audio output change. It's highest at 2000, lowest at 800 then starts going high again until 200, which is as low as the setting goes. It's sounds like the setting is actually messing with the bandwidth of the audio output stages. This happens only in CW mode. It may be what is confusing people into thinking the setting is affecting RF stages. I could be all wet on this, but it sure matches what I see.

So the answer to the question, "How do I set up CW in the X1M" is actually, "It depends on what you want." My choice is to set up the radio so it can talk to any milspec HF pack set, all (or most all) of which send CW in USB mode. If they have special CW filters they are basically just narrower USB filters So set the radio up to put out a sine wave at 800 Hz above the indicated frequency. That means setting the CW BFO 800Hz below the
IF setting.

With these settings I know any SSB radio listening in USB mode will hear my CW at 800 Hz. I also know with the X1M set to CW mode, I'll hear any radio that derives its CW by injecting an 800 Hz tone into its balanced modulator in USB mode.

You may want to set up CW differently. The important thing is to realize that the CW BFO setting is the one that actually affects your X1M's actual transmit freek's relation to the indicated
freek. Setting the CW BFO setting equal to the IF setting will transmit a carrier dead on your indicated frequency.

Best way to convince yourself on all of this is to set up the X1M and another radio on dummy
loads and experiment.

--Mark
KI0PF

3100. Re: [X1M_QRP-Transceiver] RE: BFO Alignment Questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 00:50:04 UTC
From: Anthony Pocock
Topic: 3091 Message: 3100

Hi Mark,

You have just saved me a mountain of time! I am working through the same process you have outlined, but struggling as I really didn't know what I was doing.

May your Christmas be extra special this year!

Cheers,

Anthony
VK6MAC
On Dec 23, 2013 8:21 AM, <pal350@...> wrote:

>
>
> My current parameters are:
>
> IF: 8999554
> LSB: 8998450
> USB: 9000652
> CW: 8998754
> CW TONE: 800
> DDS CLK: 32768
> DDS MLT: 1
>
> I didn't mess with the last two at all.
>
> In my particular X1M these parameters make USB and LSB sound almost
> exactly the same when listening to noise, and WWV is within a few Hz on
> both sidebands. The crystal filter in each radio will be a little
> different.
>
> As for setting up CW, it's important to actually understand what the
> developers
> are doing with the radio. Here's what I THINK is going on.
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> The X1M Pro schematic is not easy to read, and there's no theory I can
> find. But the only places I could find "CW TONE" were on a line coming out
> of the microprocessor on page 3, and one going into the audio output stages
> at lower right on page 6.
>
> It appeared to me that the CW TONE adjustment does not affect any RF
> frequency determining stages. I'm guessing it adjusts the frequency of an
> audio oscillator implemented in firmware to give the user sidetone while
> operating CW.

>
> As an example, say I set both my PRC-1099 packset and my X1M to 7.040
> MHz. Using
> the settings above, I can have a CW QSO with myself, and the RX audio out
> at both ends
> is 800 Hz.
>
> Then without changing any other settings, I changed the CW TONE to 1800.
> Result was I still heard an 800 Hz tone in both receivers, but the TRANSMIT
> CW SIDETONE in the X1M was
> now 1800 Hz.
>
> I further tested my theory by setting the CW BFO value equal to the IF
> OFFSET value. This results in the generated carrier going right down the
> center of the X1M IF and then out the radio dead on the indicated frequency
> of 7.040. I hear a zero beat in the PRC-1099, which is listening on USB to
> a straight sine wave carrier coming in at the bottom of the filter
> (basically getting suppressed, although it's so strong I can hear some crud
> getting through). Obviously, that won't do.
>
> By moving the CW BFO setting DOWN 800 Hz (which DOES affect an RF
> oscillator somewhere), the result is a sine wave carrier at 7.040.800.
> This moves the carrier up 800 Hz in the (USB) filter passband of the
> PRC-1099 receiver, resulting in a demodulated 800 Hz tone.
>
> An aside on how the PRC-1099 generates CW. When I hit the CW key on the
> 1099, it applies
> an 800 Hz audio tone to the balanced modulator, ultimately resulting in a
> carrier transmitted at 7.040.800. The X1M presents that as an 800 Hz tone
> in its audio output.
>
> Just for grins, I set CW BFO to 800 Hz ABOVE the IF setting. Yep, that
> gives me an 800 Hz audio tone on the 1099 audio, but with the mode set to
> LSB. The mil standard is CW on USB, to prevent exactly this kind of
> getting wrapped around the axle, so I set it back.
>
> The totally bizarre thing (until I understand it) is this: while in CW
> mode as I adjust the CW TONE setting up and down, I can hear the timbre of
> the X1M audio output change. It's highest at 2000, lowest at 800 then
> starts going high again until 200, which is as low as the setting goes.
> It's sounds like the setting is actually messing with the bandwidth of the
> audio output stages. This happens only in CW mode. It may be what is
> confusing people into thinking the setting is affecting RF stages. I could
> be all wet on this, but it sure matches what I see.
>
> So the answer to the question, "How do I set up CW in the X1M" is
> actually, "It depends on
> what you want." My choice is to set up the radio so it can talk to any
> milspec HF pack set,
> all (or most all) of which send CW in USB mode. If they have special CW

> filters they are
> basically just narrower USB filters So set the radio up to put out a sine
> wave at 800 Hz
> above the indicated frequency. That means setting the CW BFO 800Hz below
> the
> IF setting.
>
> With these settings I know any SSB radio listening in USB mode will hear
> my CW at 800
> Hz. I also know with the X1M set to CW mode, I'll hear any radio that
> derives its CW by
> injecting an 800 Hz tone into its balanced modulator in USB mode.
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> You may want to set up CW differently. The important thing is to realize
> that the CW BFO
> setting is the one that actually affects your X1M's actual transmit
> freek's relation to the indicated
> freek. Setting the CW BFO setting equal to the IF setting will transmit a
> carrier dead on
> your indicated frequency.
>
> Best way to convince yourself on all of this is to set up the X1M and
> another radio on dummy
> loads and experiment.
>
> --Mark
> KI0PF
>
>

3101. Re: [X1M_QRP-Transceiver] RE: BFO Alignment Questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 01:37:46 UTC
From: Ken Downs
Topic: 3091 Message: 3101

Mark,
I am not sure what is going on in the X1M either. However, I do want to point out a common difference between typical ham transceivers and military gear.
The mil HF backpack transceivers I have played with (PRC-104 and some RACAL stuff) do cw, as you say, in USB mode. An audio tone is injected into the balanced modulator, yielding a cw signal which is offset from the indicated “dial frequency” by some amount. The PRC104 used 1kHz, if I remember correctly. A received signal on that same frequency, beat against the same carrier oscillator, yielded the same audio tone. If you check the radio with a freq counter, however, if the “dial frequency” was 7040.000 kHz, the freq counter would tell you your signal was actually on 7041.000 kHz
With typical ham gear, however, the cw signal is generated by keying the SSB carrier oscillator, so your radiated signal is actually ON the “dial freq.” In receive mode the BFO is offset from that carrier freq to provide an audible beat note. So. the PRC104 set at 7040 and the ham gear set to 7041 would be on the same frequency, which you could verify by listening with a third radio or measuring both transmitted signals with a freq counter. Both techniques work; I prefer the ham way of doing things- the radio transmits where it says it is, without my doing a “mental offset.” The mil rig technique takes a bit of getting used to when operating on a scheduled net or QSO freq.
I believe the X1M now operates as I describe above for a typical ham rig. With the cw BFO set equal to the IF Offset, when I key the rig in cw it emits a signal on the dial frequency, and a received signal on that frequency (as verified externally) produces an audible beat note equal to the “cw tone” setting. It does not matter what radio is in use at the other end. The only drawback here is that the SSB filter is too broad to filter out the “audio image,” meaning that you can receive a cw signal when it is both above and below the BFO freq. A narrower cw filter (W4OP is working on it!) will cure that.
I hope this helps.
Ken, W1KRT

On Dec 22, 2013, at 7:21 PM, <pal350@...> <pal350@...> wrote:

My current parameters are:

IF: 8999554
LSB: 8998450
USB: 9000652
CW: 8998754
CW TONE: 800
DDS CLK: 32768
DDS MLT: 1

I didn't mess with the last two at all.

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With these settings I know any SSB radio listening in USB mode will hear my CW at 800 Hz. I also know with the X1M set to CW mode, I'll hear any radio that derives its CW by injecting an 800 Hz tone into its balanced modulator in USB mode.

You may want to set up CW differently. The important thing is to realize that the CW BFO setting is the one that actually affects your X1M's actual transmit freek's relation to the indicated
freek. Setting the CW BFO setting equal to the IF setting will transmit a carrier dead on your indicated frequency.

Best way to convince yourself on all of this is to set up the X1M and another radio on dummy
loads and experiment.

--Mark
KI0PF

3102. Meter gone from ebay

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 02:36:28 UTC
From: <disklog@...>
Topic: 3102 Message: 3102

I see the meter I mentioned on here has been sold. Hopefully an X1M user got it.
Ken

3103. Re: [X1M_QRP-Transceiver] ROLL YOUR OWN FILTERS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 02:50:47 UTC
From: M_AND_R_SHAREF
Topic: 3098 Message: 3103

Always count the turns inside the core, not the out side. 73

On Sun, Dec 22, 2013 at 6:42 PM, Charlie , W5COV <cvest@...> wrote:

>
>
> I have just uploaded to the main group page a couple of pages of
> information from the RSGB , for those of you that wish to operate the
> X1M on bands other than those covered by the internal filters. It is in
> the Mods and Reviews section.
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> These are QRP filters, designed for 10 watts .
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> They are 7 element low pass filters and are inserted between the
> transmitter and antenna.
>
> A nice clean and simple layout and certainly recommended when operating
> on frequencies outside of those covered by the internal filters. Never
> hurts to be a good neighbor , and gives you any of the bands that you
> might want.
>
> If any of you are new to winding toroids, they are simple to do. I
> usually have at least one project every day that involves one or more
> filter. One caution EACH TIME you just run a wire through the core is
> ONE turn.
>
> If you need any help , plenty available here on this great group. ENJOY
> some new bands with your rig !!
>
> IF you need values for the experimental bands, I can provide you with a
> nice link for those also.
>
> Someone good with ExpressPCB , might want to design a blank board, that
> we could order in bulk, if there was enough interest. I have a couple of
> good scans that I could send you of the boards that I regularly use.
>
> Charlie, W5COV
>
>
>

3104. RE: [X1M_QRP-Transceiver] ROLL YOUR OWN FILTERS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 03:07:41 UTC
From: Lee
Topic: 3098 Message: 3104

I see there is a ROLL YOUR OWN FILTERS folder in the root of the files section that is empty but in the Mods and Reviews folder the ROLL YOUR OWN FILTERS folder has the files in it and are very nice. Could you delete the first folder to lower confusion? I do think I get confused easily..

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: Sunday, December 22, 2013 5:42 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] ROLL YOUR OWN FILTERS

I have just uploaded to the main group page a couple of pages of information from the RSGB , for those of you that wish to operate the X1M on bands other than those covered by the internal filters. It is in the Mods and Reviews section.

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They are 7 element low pass filters and are inserted between the transmitter and antenna.

A nice clean and simple layout and certainly recommended when operating on frequencies outside of those covered by the internal filters. Never hurts to be a good neighbor , and gives you any of the bands that you might want.

If any of you are new to winding toroids, they are simple to do. I usually have at least one project every day that involves one or more filter. One caution EACH TIME you just run a wire through the core is ONE turn.

If you need any help , plenty available here on this great group. ENJOY some new bands with your rig !!

IF you need values for the experimental bands, I can provide you with a nice link for those also.

Someone good with ExpressPCB , might want to design a blank board, that we could order in bulk, if there was enough interest. I have a couple of good scans that I could send you of the boards that I regularly use.

Charlie, W5COV

3105. Re: [X1M_QRP-Transceiver] RE: BFO Alignment Questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 03:26:29 UTC
From: <pal350@...>
Topic: 3091 Message: 3105

Ken,

You're right on ALL. If you set up the X1M with the CW BFO = IF, you'll xmit your sig right on the indicated dial freek. If someone at the other end has his radio set up the same way both of you will hear zero beats on both LSB and USB. So the next thing you'd both do is move the RIT to get the received tone you want.

I've been messing with mil sets so long, I'd forgotten the ricebox standard. :)

My reasoning is if I set up the X1M CW per my previous post, I have the best shot at running CW with both "standards" without confusion when I say "Let's meet on XXXX KHz."

In the final analysis, if you know what your radio is doing you'll set up right to talk to the other guy.

--Mark
KI0PF

3106. Re: [X1M_QRP-Transceiver] RE: BFO Alignment Questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 04:18:38 UTC
From: <pal350@...>
Topic: 3091 Message: 3106

I goofed -- Ken W4OP pointed out correctly that CW TONE changes the pitch of a received CW signal. I must've been messing with the setting while in USB or LSB.

So I admit to being pretty confused about the developers intentions. If someone can figure out a definitive description of what's going on here, I'd be interested. :)

At this point I can only say that my set is working the way I want it to - it's xmitting 800Hz above the indicated (display) freek. If tell a friend with a PRC-74, PRC-1099, SC-130, PRC-2000, PRC-138 or a variety of other mil sets that use the CW-on-USB convention, we'll be able to talk Morse with both radios showing the exact agreed-upon freek.

--Mark
KI0PF

3107. Re: [X1M_QRP-Transceiver] ROLL YOUR OWN FILTERS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 05:01:45 UTC
From: Charlie , W5COV
Topic: 3098 Message: 3107

I removed it Lee. Yahoo crashed on me right in the middle of my trying
to create the folder and information. Obviously I am easily confused too :)
I apologize for any inconvenience .

Charlie, W5COV

On 12/22/2013 9:07 PM, Lee wrote:
>
> I see there is a ROLL YOUR OWN FILTERS folder in the root of the files
> section that is empty but in the Mods and Reviews folder the ROLL YOUR
> OWN FILTERS folder has the files in it and are very nice. Could you
> delete the first folder to lower confusion? I do think I get confused
> easily....
>
> Lee -- N9LO
>
> *From:*X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Charlie ,
> W5COV
> *Sent:* Sunday, December 22, 2013 5:42 PM
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Subject:* [X1M_QRP-Transceiver] ROLL YOUR OWN FILTERS
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> good scans that I could send you of the boards that I regularly use.
>
> Charlie, W5COV
>
>

3108. RE: Meter gone from ebay

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 05:10:19 UTC
From: <email4utoo@...>
Topic: 3102 Message: 3108

Maybe this is the one you are looking for ? http://www.electronicsurplus.com/Item/150865/KYORITSU%20ELECTRICAL%20INSTRUMENT%20WORKS%20-%20Meter_%20edgewise_%2050-0-50%20uADC_%20-%201348-1/

3109. RE: Meter gone from ebay

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 05:12:56 UTC
From: <email4utoo@...>
Topic: 3102 Message: 3109

What are you trying to read or measure ? this company has many -

http://www.electronicsurplus.com/SearchResults.aspx?Keyword=dc%20edge%20meter

3110. Re: [X1M_QRP-Transceiver] RE: Meter gone from ebay

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 05:21:24 UTC
From: ken fest
Topic: 3102 Message: 3110

I have the meter I need. I was only trying to answer Charlie's question about available meters.
Thanks for that website, I wasn't aware of it.
Ken

On Mon, 12/23/13, email4utoo@... <email4utoo@...> wrote:

Subject: [X1M_QRP-Transceiver] RE: Meter gone from ebay
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Monday, December 23, 2013, 12:12 AM

What are you trying to read or measure ? this company has
many -

http://www.electronicsurplus.com/SearchResults.aspx?Keyword=dc%20edge%20meter

3111. RE: AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 07:07:25 UTC
From: <lheiner1111@...>
Topic: 2961 Message: 3111

Hi dear Charlie,
hi Dale,

how to order (indeed i,m do it) both (AGC and CW-Filter)

i,m newbee on Yahoo :-))

73 df7fr Heinz

3112. RE: AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 07:13:01 UTC
From: <lheiner1111@...>
Topic: 2961 Message: 3112

Stop

:-) i own the X1M-Pro. Do i need the AGC? Or just only modifying with the R4 on board?

3113. Re: [X1M_QRP-Transceiver] RE: BFO Alignment Questions

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 12:14:56 UTC
From: Ken Downs
Topic: 3091 Message: 3113

Mark,
Please don’t use the term “rice-box standard.” My Elecrafts (K1, K2, and K3) and every TenTec radio I have owned
and used in the past fifty years, as well as the Icoms, Yaesu, etc operated the same way- your transmitted cw signal
was on the indicated dial frequency. By the way, not all mil rigs are the same. I believe the ‘104 used a 1000 Hz offset;
you say your '1099 uses 800 Hz. So, if you and another green-box friend agree on a “dial freq” you may not end up on
the same frequency even though your freq readouts agree. But hey, whatever works for you. There are reasons the
green rigs work the way they do. “Our” way is an outgrowth of history - back when we all had separate receivers
(usually with a variable BFO) and transmitters, and the only logical thing was for your transmitter to tell you the
actual transmit frequency. That still makes the most sense to me. Do it how you prefer, but please remember that
offset when looking for a non-green-radio net, or a calling freq such as 7030 or 14060.
Have fun, and enjoy the holidays!
73,
Ken, W1KRT

On Dec 22, 2013, at 10:26 PM, <pal350@...> <pal350@...> wrote:

Ken,
I’ve been messing with mil sets so long, I'd forgotten the ricebox standard. :)

3114. mic gain adjustment

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 15:13:48 UTC
From: <r-mason@...>
Topic: 3114 Message: 3114

There's an app for that.....for Android users, there is a free app that will generate a two tone audio signal that may be useful to you for properly setting the mic gain on SSB. It is: Audio Test Tone by Guenther Kauss . It will send the tone thru the phone speaker or earphone jack.

Roger N4HSI

3115. No output on SSB !!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 17:58:14 UTC
From: <skhayat@...>
Topic: 3115 Message: 3115

Hello,
I got a X1M Pro and the rig seems to have 2 problems, the first one is that I am not getting any output on SSB , I checked the mic and its OK .
On CW I am getting around 5 watts on all bands apart from 40m , there's no output on 40 neither on SSB or CW.
The rig is brand new , any thoughts ? any help would be much appreciated.
Best 73,

Samir
OD5SK , HZ1SK

3116. Re: [X1M_QRP-Transceiver] No output on SSB !!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 18:05:55 UTC
From: ken fest
Topic: 3115 Message: 3116

If you are sure your mic is actually working correctly, maybe you have the same problem I found on mine. My mic plug needs to be pulled OUT about 1 or 2 mm for the audio part of the plug to make contact. My permanent solution was to crazy glue a small thin washer onto the plug, right up against the fat part of the plug. This cured my problem, now 100% audio when I PTT.
Ken N2LZV

On Mon, 12/23/13, skhayat@... <skhayat@...> wrote:

Subject: [X1M_QRP-Transceiver] No output on SSB !!
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Monday, December 23, 2013, 12:58 PM

Hello,I got a X1M Pro and the rig seems to have
2 problems, the first one is that I am not getting any
output on SSB , I checked the mic and its OK .On
CW I am getting around 5 watts on all bands apart from 40m ,
there's no output on 40 neither on SSB or
CW.The rig is brand new , any thoughts ? any help
would be much appreciated.Best 73,
SamirOD5SK , HZ1SK

3117. New Firmware

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 18:48:35 UTC
From: <ed@...>
Topic: 3117 Message: 3117

I have placed the latest firmware update for the X1M-Pro in the Files section. The factory described the update as (quote), "the problems that CW reception offset 800 Hz been fixed". Your guess is as good as mine

73 & Merry Christmas,
Ed
www.ImportCommunications.com

3118. Re: [X1M_QRP-Transceiver] No output on SSB !!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 20:57:30 UTC
From: <skhayat@...>
Topic: 3115 Message: 3118

Hi Ken,
Thank you for your response, I have tried to pull out a bit the mic plug like you suggested but I am still not able to get any Audio out.
Best 73,

Samir
OD5SK , HZ1SK

3119. Re: [X1M_QRP-Transceiver] No output on SSB !!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 21:11:41 UTC
From: Charlie , W5COV
Topic: 3115 Message: 3119

Samir, be sure also to check the microphone gain pot adjustment inside the top cover of the radio. Mine has one very small spot on it where it will produce good audio out. Are you just speaking into the microphone on SSB or can you feed a tone into it ?

Charlie, W5COV

On 12/23/2013 2:57 PM, skhayat@... wrote:
>
> Hi Ken,
>
> Thank you for your response, I have tried to pull out a bit the mic
> plug like you suggested but I am still not able to get any Audio out.
>
> Best 73,
>
>
> Samir
>
> OD5SK , HZ1SK
>
>
>

3120. Re: [X1M_QRP-Transceiver] No output on SSB !!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 21:32:50 UTC
From: ken fest
Topic: 3115 Message: 3120

For the record my washer trip stopped working this afternoon. I have my radio apart and am trying to see if a better quality jack can be installed.
Ken

On Mon, 12/23/13, Charlie , W5COV <cvest@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] No output on SSB !!
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Monday, December 23, 2013, 4:11 PM

Samir, be sure also to check the microphone gain pot adjustment
inside the top cover of the radio. Mine has one very small spot on
it where it will produce good audio out. Are you just speaking into
the microphone on SSB or can you feed a tone into it ?

Charlie, W5COV

On 12/23/2013 2:57 PM, skhayat@... wrote:

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bit the mic plug like you suggested but I am still not
able to get any Audio out.
Best 73,

Samir
OD5SK
, HZ1SK

3121. Re: ROLL YOUR OWN FILTERS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 22:26:59 UTC
From: wa1svs@sbcglobal.net
Topic: 3098 Message: 3121

HI all, is there a place we can get the files cause I just do not see it anywhere. Thanks for taking the time for this. I just ordered my "pro" last night .
73 Carl WA1SVS

--- In X1M_QRP-Transceiver@yahoogroups.com, "Charlie , W5COV" <cvest@...> wrote:
>
> I removed it Lee. Yahoo crashed on me right in the middle of my trying
> to create the folder and information. Obviously I am easily confused too :)
> I apologize for any inconvenience .
>
> Charlie, W5COV
>
> On 12/22/2013 9:07 PM, Lee wrote:
> >
> > I see there is a ROLL YOUR OWN FILTERS folder in the root of the files
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> > OWN FILTERS folder has the files in it and are very nice. Could you
> > delete the first folder to lower confusion? I do think I get confused
> > easily....
> >
> > Lee -- N9LO
> >
> > *From:*X1M_QRP-Transceiver@yahoogroups.com
> > [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Charlie ,
> > W5COV
> > *Sent:* Sunday, December 22, 2013 5:42 PM
> > *To:* X1M_QRP-Transceiver@yahoogroups.com
> > *Subject:* [X1M_QRP-Transceiver] ROLL YOUR OWN FILTERS
> >
> > I have just uploaded to the main group page a couple of pages of
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> > Charlie, W5COV
> >
> >
>

3122. RE: [X1M_QRP-Transceiver] Re: ROLL YOUR OWN FILTERS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 22:55:50 UTC
From: Lee
Topic: 3098 Message: 3122

Mods and Reviews section

Lee - N9LO

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of
wa1svs@...
Sent: Monday, December 23, 2013 4:27 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Re: ROLL YOUR OWN FILTERS

HI all, is there a place we can get the files cause I just do not see it
anywhere. Thanks for taking the time for this. I just ordered my "pro" last
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73 Carl WA1SVS

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wrote:
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> > W5COV
> > *Sent:* Sunday, December 22, 2013 5:42 PM
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> > good scans that I could send you of the boards that I regularly use.
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> > Charlie, W5COV
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> >
>

3123. Re: [X1M_QRP-Transceiver] Re: ROLL YOUR OWN FILTERS

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-23 23:17:56 UTC
From: Charlie , W5COV
Topic: 3098 Message: 3123

Here you go Carl. You are in for some great fun with a GREAT group for support.

http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/files/Mods%20and%20Reviews/ROLL%20YOUR%20OWN%20FILTERS/

Charlie, W5COV

On 12/23/2013 4:26 PM, wa1svs@... wrote:
>
> HI all, is there a place we can get the files cause I just do not see
> it anywhere. Thanks for taking the time for this. I just ordered my
> "pro" last night .
> 73 Carl WA1SVS
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> <cvest@...> wrote:
> >
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> > > Lee -- N9LO
> > >
> > > *From:*X1M_QRP-Transceiver@yahoogroups.com
> > > [mailto:X1M_QRP-Transceiver@yahoogroups.com] *On Behalf Of *Charlie ,
> > > W5COV
> > > *Sent:* Sunday, December 22, 2013 5:42 PM
> > > *To:* X1M_QRP-Transceiver@yahoogroups.com
> > > *Subject:* [X1M_QRP-Transceiver] ROLL YOUR OWN FILTERS
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> > >
> > > Charlie, W5COV
> > >
> > >
> > >
>
>

3124. Poor quality mic jack fix

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-24 00:23:31 UTC
From: <disklog@...>
Topic: 3124 Message: 3124

Today my mic jack failed and no wiggling would help it. I removed it from the radio and took a photo. (If I can upload the photos) You can see in the pic that it is a very poor quality jack. The 3 metal pieces are slid into channels with a curved contact point dipping into the plug tunnel. The contact material is tin and does not have much in the way of springiness. I tried bending the contact piece into the tunnel but it bends back up.
I have not found a quality replacement jack that will fit in the space allocated. If anyone cares to help search that would be appreciated. I suspect that we all will sustain this failure eventually due to the strain of the mic cord on the audio contact.
MY FIX:
1. I used a pin and wicked crazy glue into the plastic side channels that hold the metal pieces. This prevents the metal from sliding up the channel.
2. I placed some solder into the curved contact piece and also used solder to reinforce the metal.
No idea how long this fix will last.
These are really bad jacks. Would love to find something better. Failing that, having some identical replacement jacks would be helpful.
Ken N2LZV

3125. Mic jack Photos .....

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-24 00:36:46 UTC
From: <disklog@...>
Topic: 3125 Message: 3125

I was able to add the mic jack repair photos to my folder called "Version 2 Board"
Look in there for the jack pics.
Ken N2LZV

3126. Re: [X1M_QRP-Transceiver] New Firmware

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-24 03:08:19 UTC
From: Charlie , W5COV
Topic: 3117 Message: 3126

Has anyone, especially a good old hard core CW operator installed the new firmware ? If so I wonder what your observations and results were.

I am not sure who, where, or why, 800 Hz. was chosen as an offset problem.

Was it a decision by the company on their own to change some operating parameter ?

If so it would be interesting to know a little bit about the history and the decision. I wasn't aware of an issue with that.

It is VERY cool in the radio room/lab tonight, so I have not braved it to do the upgrade and see if I can readily observe any changes, especially in the way to do the CW setup on the radio.

We are also in the single digit temperatures and they continue to drop. I expect we will be below zero tonight, with a north wind. My lab is the furthest north room on my home and requires a bit of supplemental air conditioning. However while it has been sometimes cool even cold at 31 degrees F below zero, I never have got around to adding any supplemental heat. As I get older, or the weather seems cooler each year in there, it is certainly on the list before next winter :)

Besides my antennas are VERY heavily iced over, so there would be no getting on the air to try some contacts to see if there is a difference in the CW operation. Hopefully in a few days, when the antennas thaw out, they will also survive and not require work in the middle of the Winter :) I was happy with the current version that I am running.

Curious minds want to know .

THANKS !!
Charlie, W5COV

On 12/23/2013 12:48 PM, ed@... wrote:
>
> I have placed the latest firmware update for the X1M-Pro in the Files
> section. The factory described the update as (quote), "the problems
> that CW reception offset 800 Hz been fixed". Your guess is as good as
> mine
>
> 73 & Merry Christmas,
> Ed
> www.ImportCommunications.com
>
>

3127. Re: [X1M_QRP-Transceiver] RE: AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-24 03:37:53 UTC
From: Charlie , W5COV
Topic: 2961 Message: 3127

Hi Heinz,

Which group of the X1M Pro do you own ? Is it one from this latest
current run, or have you owned it a while ?

The CW filter is still in the development stage and is not yet available.

The AGC / SMD kit works on all models. There is a bit of difference in
the models so that will determine which mods you may have to make.

AGC kits are available from me and are $12 for USA stations and $14 for
DX stations. My PayPal information is cvest@... (cvestATcox.net)

73, Charlie, W5COV

On 12/23/2013 1:07 AM, lheiner1111@... wrote:
>
> Hi dear Charlie,
> hi Dale,
>
> how to order (indeed i,m do it) both (AGC and CW-Filter)
>
> i,m newbee on Yahoo :-))
>
> 73 df7fr Heinz
>
>

3128. X1M P.A. Transistor Replacement doc

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-24 03:46:04 UTC
From: Dale Parfitt
Topic: 3128 Message: 3128

I just placed a .PDF doc in the Mods/Repairs section that details replacing the P.A. transistor with pictures.
Thank you Ken N2LZV and Charlie W5COV for proofreading.
73,

Dale W4OP

3129. Re: [X1M_QRP-Transceiver] Poor quality mic jack fix

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-24 03:48:12 UTC
From: mikejmardis@...
Topic: 3124 Message: 3129

Pics would be great Ken. Did you buy yours new?
Mine came with replacement jacks (2). After x-mas I will make a point of finding more.
Right after I get a replacement cord for my BOSE headphones that my WIFES cat chewed up.
Merry Christmas all.
Mike
N1SPZ

Sent from my iPhone

> On Dec 23, 2013, at 19:23, <disklog@...> wrote:
>
> Today my mic jack failed and no wiggling would help it. I removed it from the radio and took a photo. (If I can upload the photos) You can see in the pic that it is a very poor quality jack. The 3 metal pieces are slid into channels with a curved contact point dipping into the plug tunnel. The contact material is tin and does not have much in the way of springiness. I tried bending the contact piece into the tunnel but it bends back up.
> I have not found a quality replacement jack that will fit in the space allocated. If anyone cares to help search that would be appreciated. I suspect that we all will sustain this failure eventually due to the strain of the mic cord on the audio contact.
> MY FIX:
> 1. I used a pin and wicked crazy glue into the plastic side channels that hold the metal
> pieces. This prevents the metal from sliding up the channel.
> 2. I placed some solder into the curved contact piece and also used solder to reinforce the metal.
> No idea how long this fix will last.
> These are really bad jacks. Would love to find something better. Failing that, having some identical replacement jacks would be helpful.
> Ken N2LZV
>
>

3130. Re: [X1M_QRP-Transceiver] Poor quality mic jack fix

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-24 03:56:51 UTC
From: ken fest
Topic: 3124 Message: 3130

Mine came with replacement PLUGS.
My current problem is with the chassis jack (female connector on the radio)
I posted photos in my "Version 3 Board" album.
Ken N2LZV

On Mon, 12/23/13, mikejmardis@... <mikejmardis@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] Poor quality mic jack fix
To: "X1M_QRP-Transceiver@yahoogroups.com" <X1M_QRP-Transceiver@yahoogroups.com>
Date: Monday, December 23, 2013, 10:48 PM

Pics would be great Ken. Did you buy yours
new?Mine came with replacement jacks (2). After
x-mas I will make a point of finding
more. Right after I get a replacement cord
for my BOSE headphones that my WIFES cat chewed
up. Merry Christmas
all. MikeN1SPZ

Sent from my iPhone
On Dec 23, 2013, at 19:23, <disklog@...>
wrote:

Today my mic jack failed and no wiggling would help
it. I removed it from the radio and took a photo. (If I can
upload the photos) You can see in the pic that it is a very
poor quality jack. The 3 metal pieces are slid into channels
with a curved contact point dipping into the plug tunnel.
The contact material is tin and does not have much in the
way of springiness. I tried bending the contact piece into
the tunnel but it bends back up.
I have not found a quality replacement jack that will fit in
the space allocated. If anyone cares to help search that
would be appreciated. I suspect that we all will sustain
this failure eventually due to the strain of the mic cord on
the audio contact.
MY FIX:
1. I used a pin and wicked crazy glue into the plastic side
channels that hold the metal
pieces. This prevents the metal from sliding up the
channel.
2. I placed some solder into the curved contact piece and
also used solder to reinforce the metal.
No idea
how long this fix will last.
These are really bad jacks. Would love to find something

better. Failing that, having some identical replacement
jacks would be helpful.
Ken N2LZV

3131. Re: [X1M_QRP-Transceiver] Poor quality mic jack fix

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-24 04:12:26 UTC
From: mikejmardis@...
Topic: 3124 Message: 3131

Oh! Now that's an issue. I have noticed mine is as "smooth" for lack of a better term as you would expect.

Sent from my iPhone

> On Dec 23, 2013, at 22:56, ken fest <disklog@...> wrote:
>
> Mine came with replacement PLUGS.
> My current problem is with the chassis jack (female connector on the radio)
> I posted photos in my "Version 3 Board" album.
> Ken N2LZV
> ---
> On Mon, 12/23/13, mikejmardis@... <mikejmardis@...> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] Poor quality mic jack fix
> To: "X1M_QRP-Transceiver@yahoogroups.com" <X1M_QRP-Transceiver@yahoogroups.com>
> Date: Monday, December 23, 2013, 10:48 PM
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> Pics would be great Ken. Did you buy yours
> new?Mine came with replacement jacks (2). After
> x-mas I will make a point of finding
> more. Right after I get a replacement cord
> for my BOSE headphones that my WIFES cat chewed

> up. Merry Christmas
> all. MikeN1SPZ
>
> Sent from my iPhone
> On Dec 23, 2013, at 19:23, <disklog@...>
> wrote:
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> Today my mic jack failed and no wiggling would help
> it. I removed it from the radio and took a photo. (If I can
> upload the photos) You can see in the pic that it is a very
> poor quality jack. The 3 metal pieces are slid into channels
> with a curved contact point dipping into the plug tunnel.
> The contact material is tin and does not have much in the
> way of springiness. I tried bending the contact piece into
> the tunnel but it bends back up.
> I have not found a quality replacement jack that will fit in
> the space allocated. If anyone cares to help search that
> would be appreciated. I suspect that we all will sustain
> this failure eventually due to the strain of the mic cord on
> the audio contact.
> MY FIX:
> 1. I used a pin and wicked crazy glue into the plastic side
> channels that hold the metal
> pieces. This prevents the metal from sliding up the
> channel.
> 2. I placed some solder into the curved contact piece and
> also used solder to reinforce the metal.
> No idea

> how long this fix will last.
> These are really bad jacks. Would love to find something
> better. Failing that, having some identical replacement
> jacks would be helpful.
> Ken N2LZV
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3132. Re: [X1M_QRP-Transceiver] No output on SSB !!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-24 11:31:21 UTC
From: <skhayat@...>
Topic: 3115 Message: 3132

Hi Charlie,
Thank you for your response. I checked the microphone gain pot inside the rig and which is located next to the CW tone pot but unfortunately there is still no output on SSB . I am studying the schematic diagram of the rig to try troubleshooting the problem.
Best 73,
Samir
OD5SK , HZ1SK

3133. Re: [X1M_QRP-Transceiver] RE: AGC KIT AVAILABLE

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-24 13:34:22 UTC
From: <lheiner1111@...>
Topic: 2961 Message: 3133

Hi Charlie,

tx for ur answer. My machine is one of the latest. Got it 6 weeks ago (Firmware 1.021usa)
i, ll buy both AGC and CW-Filter (without there is not really cw available:-) u know what i mean.
please show me the way to pay via paypal :-)

the adress i found in one post did,nt work.

So, first we all here from my fam. wish u very happy xmas and the best for 2014.
same to all the other guy,s here.
sincerily Heinz DF7FR

3134. RE: Where to buy?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-24 14:52:49 UTC
From: <radiofrecuencia2013@...>
Topic: 3081 Message: 3134

Also try to www.qsl.net/ea3gcy

Sends worldwide.

Salvador

3135. RE: Where to buy?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-24 14:53:16 UTC
From: <radiofrecuencia2013@...>
Topic: 3081 Message: 3135

Also try to www.qsl.net/ea3gcy

Sends worldwide.

Salvador

3136. X1M Latest Firmware

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-24 18:30:35 UTC
From: Dale Parfitt
Topic: 3136 Message: 3136

While I have not done an in depth analysis of the upgrade, I do see that CW SPLIT now functions properly.
Version # reports the same V1.021 but the date is now Dec 21 on the Firmware page.
If others have more time please do the upgrade and report any bugs.

Merry Christmas,

Dale W4OP

----- Original Message -----
From: radiofrecuencia2013@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 24, 2013 9:53 AM
Subject: [X1M_QRP-Transceiver] RE: Where to buy?

Also try to www.qsl.net/ea3gcy

Sends worldwide.

Salvador

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6946 - Release Date: 12/24/13

3137. New X1M supplier

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-24 09:04:51 UTC
From: <radiofrecuencia2013@...>
Topic: 3137 Message: 3137

New X1M supplier from Spain

EA3GCY Kits from Spain: http://www.ea3gcy.blogspot.com.es/

Javier Solans, EA3GCY is an expert in QRP kits (search in Google).

It has a nice X1M photo gallery:
http://www.qsl.net/ea3gcy/galeria_x1m.html

Merry christmas !

Salvador

3138. RE: [X1M_QRP-Transceiver] RE: AGC Install on newest X1M's

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-21 02:01:36 UTC
From: Ian Coots
Topic: 2971 Message: 3138
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Dale and Charlie,

Just thought I'd let you know AGC installed and working with the absence of any discernable heat or smoke. (so far)

All appears well and briefly monitoring a net consisting of VK3's, 5's and 7's, the audio is much more constant that pre AGC where I used to have to change the volume constantly, so I guess I should surmise that it is working and doing what it is designed to do.

Thank you Dale for your efforts and thank you Charlie for your encouragement and enthusiasm.

Now for the S Meter!!

73 de Ian VK3YIC

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: Thursday, 19 December 2013 10:35 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] RE: AGC Install on newest X1M's

CONGRATULATIONS Mike !! Actually it is no small feat for someone new to doing this.

Hopefully this will just be the beginning for you of enjoying building kits and other circuits.

Dale is working very hard, in his spare time, which he has precious little of, on another great accessory for the X1M, especially if you work CW.

You might also want to consider adding the 9 MHz. notch filter too.

If you do enjoy things like what you just did , you might consider getting you a cheap breadbaord and power supply off of eBay. Less than $10 total, but a lifetime of fun. I use mine almost every day and I know Dale uses his regularly also.

Here is a page by a friend of mine, that offers a wide variety of hobbyist electronic projects that are easy to build, inexpensive, and actually serve a useful purpose when you are done. www.techlib.com . Also be sure to check his Circuits link to more projects .

Best 73, Charlie, W5COV

On 12/18/2013 5:06 PM, mikejmardis@... wrote:

Thank you Dale and Charlie. Success! Another first for me in the hobby. I couldn't have done it without you guys.

Dale, I removed the resistors as you suggested. A far better choice.

I have very crude soldering equipment and skills.

3139. SignaLink USB interface

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-25 00:47:17 UTC
From: Ian Coots
Topic: 3139 Message: 3139
Attachments: 1 described; binary payloads are missing from this source WARC

...just wondering if anyone's posted the "jumper configuration" for connecting a SignaLink USB interface to the X1M. I couldn't see one, so if the group would like, I'll upload one when I figure out what goes where. (just unpacking mine now... (

Santa was good to me.)

de Ian VK3YIC

ausflag

3140. Re: [X1M_QRP-Transceiver] SignaLink USB interface [1 Attachment]

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-25 01:38:44 UTC
From: Charlie , W5COV
Topic: 3140 Message: 3140
Attachments: 1 described; binary payloads are missing from this source WARC

Hey Ian,

I saw on NORAD earlier that Santa Claus had indeed made it to Australia already :) Paul Ross, our author and editor in chief of the Manual for the X1M has covered the SignaLink USB and easy ways to use it for the X1M in several messages, and I "think" that he even has some photos.

Check message 2665 , he gives a lot of detail in which other radio uses the same configuration and does a good job of covering the SignaLink and X1M. You can find some other posts by Paul on the subject if you search the message archive. I used the keyword SignaLink . I also have one here and have used it with the X1M for testing. I probably just used the same settings that Paul did, Alinco DX-SR8 .

If you have any problems let us know.

You are in for a LOT of new fun , if you haven't used many of the digital modes before.

Great to hear you have the AGC installed and working !!

Charlie, W5COV

On 12/24/2013 6:47 PM, Ian Coots wrote:
>
> ...just wondering if anyone's posted the "jumper configuration" for
> connecting a SignaLink USB interface to the X1M. I couldn't see one,
> so if the group would like, I'll upload one when I figure out what
> goes where. (just unpacking mine now... (
>
> Santa was good to me.)
>
> de Ian VK3YIC
>
> ausflag
>
>

3141. Merry Christmas!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-25 02:13:56 UTC
From: <kd4hjt@...>
Topic: 3141 Message: 3141

Merry Christmas to all my friends on the X1M forum.
Hope you all have a healthy 2014. Looking foward to many more awsome post.

KD4HT Ray

3142. RE: [X1M_QRP-Transceiver] SignaLink USB interface

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-25 02:34:26 UTC
From: Ian Coots
Topic: 3140 Message: 3142
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks Charlie, I forget there is a "Search" option within the group. Very straight forward connection so I won't upload anything, especially if it's already been covered.

As a brief off topic comment, a post I sent to the group Sat 21st at 1:02PM (Aust time) didn't appear until today (Wed 25th at 11:05 am Aust time).strange!

Merry Christmas de Ian VK3YIC

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: Wednesday, 25 December 2013 12:39 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] SignaLink USB interface

Hey Ian,

I saw on NORAD earlier that Santa Claus had indeed made it to Australia already :) Paul Ross, our author and editor in chief of the Manual for the X1M has covered the SignaLink USB and easy ways to use it for the X1M in several messages, and I "think" that he even has some photos.

Check message 2665 , he gives a lot of detail in which other radio uses the same configuration and does a good job of covering the SignaLink and X1M. You can find some other posts by Paul on the subject if you search the message archive. I used the keyword SignaLink . I also have one here and have used it with the X1M for testing. I probably just used the same settings that Paul did, Alinco DX-SR8 .

If you have any problems let us know.

You are in for a LOT of new fun , if you haven't used many of the digital modes before.

Great to hear you have the AGC installed and working !!

Charlie, W5COV

On 12/24/2013 6:47 PM, Ian Coots wrote:

...just wondering if anyone's posted the "jumper configuration" for connecting a SignaLink USB interface to the X1M. I couldn't see one, so if the group would like, I'll upload one when I figure out what goes where. (just unpacking mine now... (

Santa was good to me.)

de Ian VK3YIC

ausflag

3143. Re: SignaLink USB interface

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-25 13:40:22 UTC
From: Paul W. Ross
Topic: 3139 Message: 3143

Simply, for the SignaLink USB interface.

Jumper audio/headphone from X1M to "AUX" jack on SLUSB. Use a stereo jumper.

Fabricate cable for microphone -- cut an RJ-45 cable in half. You need two grounds (PTT, Mic), Mic, and PTT. See User's Guide for pin out. You need a 3.5 mm stereo plug.

Configure jumpers (4) in SLUSB to match wires chosen in previous step (I use an Alinco DX-SR8 with same SLUSB, so use that choice).

Connect to computer, and select the sound card that the SLUSB represents.

Control is with a SECOND cable -- the one from Wouxun.us works fine.

Configure software for ICOM 718

That is it.

73 /paul W3FIS

3144. Re: Merry Christmas!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-25 13:42:00 UTC
From: Paul W. Ross
Topic: 3141 Message: 3144

Likewise to all on the group, and especially those who have supported
the radio "quirks" and helped in the development of the User's Guide!

73 /paul W3FIS in "Slower Lower" Delaware FM28KL

3145. Re: Merry Christmas!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-25 14:40:29 UTC
From: <lheiner1111@...>
Topic: 3141 Message: 3145

of course.............

merry xmas to all here girls and boys :-)

73 Heinz Df7fr

3146. Re: [X1M_QRP-Transceiver] X1M Latest Firmware

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-25 16:33:39 UTC
From: Bastress, David G
Topic: 3136 Message: 3146

GM All,

Yes the CW split works and memory functions seem to work as well.

Dave K3GAU
On Dec 24, 2013 1:29 PM, "Dale Parfitt" <parinc1@...> wrote:

>
>
>
> While I have not done an in depth analysis of the upgrade, I do see that
> CW SPLIT now functions properly.
> Version # reports the same V1.021 but the date is now Dec 21 on the
> Firmware page.
> If others have more time please do the upgrade and report any bugs.
>
> Merry Christmas,
>
> Dale W4OP
>
>
>
> ----- Original Message -----
> *From:* radiofrecuencia2013@...
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Tuesday, December 24, 2013 9:53 AM
> *Subject:* [X1M_QRP-Transceiver] RE: Where to buy?
>
>
>
> Also try to www.qsl.net/ea3gcy
>
>
> Sends worldwide.
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>
> Salvador
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus Database: 3658/6946 - Release Date: 12/24/13
>
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3147. Re: [X1M_QRP-Transceiver] Re: SignaLink USB interface

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-25 16:53:51 UTC
From: Bastress, David G
Topic: 3139 Message: 3147

GM All,

I have a slightly different take on interfacing and jumpering in the SLUSB. Since I have a 'big rig' that I have the Signal Link already set for, I just made an adapter cable that goes from RJ-45 jack on the back of the SLUSB to the mic and speaker jacks of the X1M. That way you can simply change the cable plugged in to the SLUSB to change rigs.

ONE WORD OF CAUTION: Make sure you know which way the RJ-45 jack is wired up in your Signal Link! Assuming the wrong way can cause you a lot of hair pulling, etc. Been there and done that. :-(

Dave K3GAU
On Dec 25, 2013 8:40 AM, "Paul W. Ross" <deadgoose@...> wrote:

>
>
> Simply, for the SignaLink USB interface.
>
> Jumper audio/headphone from X1M to "AUX" jack on SLUSB. Use a stereo
> jumper.
>
> Fabricate cable for microphone -- cut an RJ-45 cable in half. You need
> two grounds (PTT, Mic), Mic, and PTT. See User's Guide for pin out. You
> need a 3.5 mm stereo plug.
>
> Configure jumpers (4) in SLUSB to match wires chosen in previous step (I
> use an Alinco DX-SR8 with same SLUSB, so use that choice).
>
> Connect to computer, and select the sound card that the SLUSB represents.
>
> Control is with a SECOND cable -- the one from Wouxun.us works fine.
>
> Configure software for ICOM 718
>
> That is it.
>
> 73 /paul W3FIS
>
>

3148. X1M manual spanish v1.0.pdf

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-25 19:13:05 UTC
From: <radiofrecuencia2013@...>
Topic: 3148 Message: 3148

I uploaded in the manual folder the X1M manual spanish v1.0.pdf edited by EA3GCY Kits.

I hope to be useful for guys who speak Spanish !

73s
Salvador.

3149. Re: [X1M_QRP-Transceiver] X1M Latest Firmware

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-25 19:59:15 UTC
From: Dale Parfitt
Topic: 3136 Message: 3149

Hi Dave,
I don't see a difference in Memory functions. It has always been possible to store a frequency/mode in Memory. What we had asked for was the ability to retrieve a Memory channel into one of the VFO's so we could tune. This would allow for Memory channels to serve as a quick bandswitch. My X1M with the new software still does not allow me to dump a Memory channel into a VFO and tune with it. Maybe I am missing a step or procedure?

Tnx,

Dale W4OP
----- Original Message -----
From: Bastress, David G
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 25, 2013 11:33 AM
Subject: Re: [X1M_QRP-Transceiver] X1M Latest Firmware

GM All,

Yes the CW split works and memory functions seem to work as well.

Dave K3GAU

On Dec 24, 2013 1:29 PM, "Dale Parfitt" <parinc1@frontier.com> wrote:

While I have not done an in depth analysis of the upgrade, I do see that CW SPLIT now functions properly.
Version # reports the same V1.021 but the date is now Dec 21 on the Firmware page.
If others have more time please do the upgrade and report any bugs.

Merry Christmas,

Dale W4OP

----- Original Message -----
From: radiofrecuencia2013@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 24, 2013 9:53 AM
Subject: [X1M_QRP-Transceiver] RE: Where to buy?

Also try to www.qsl.net/ea3gcy

Sends worldwide.

Salvador

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6946 - Release Date: 12/24/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6949 - Release Date: 12/25/13

3150. Re: [X1M_QRP-Transceiver] X1M Latest Firmware

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-25 21:25:46 UTC
From: ua1cex@...
Topic: 3136 Message: 3150

Dale, I have the same situation after updating.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: ср, 25 дек 2013 23:59
Subject: Re: [X1M_QRP-Transceiver] X1M Latest Firmware

Hi Dave,
I don't see a difference in Memory functions. It has always been possible to store a frequency/mode in Memory. What we had asked for was the ability to retrieve a Memory channel into one of the VFO's so we could tune. This would allow for Memory channels to serve as a quick bandswitch. My X1M with the new software still does not allow me to dump a Memory channel into a VFO and tune with it. Maybe I am missing a step or procedure?

Tnx,

Dale W4OP
----- Original Message -----
From: Bastress, David G
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 25, 2013 11:33 AM
Subject: Re: [X1M_QRP-Transceiver] X1M Latest Firmware

GM All,

Yes the CW split works and memory functions seem to work as well.

Dave K3GAU

On Dec 24, 2013 1:29 PM, "Dale Parfitt" <parinc1@...> wrote:

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Version # reports the same V1.021 but the date is now Dec 21 on the Firmware page.
If others have more time please do the upgrade and report any bugs.

Merry Christmas,

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To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 24, 2013 9:53 AM
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Sends worldwide.

Salvador

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6946 - Release Date: 12/24/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6949 - Release Date: 12/25/13

3151. Re: [X1M_QRP-Transceiver] X1M Latest Firmware

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-25 22:01:41 UTC
From: Dale Parfitt
Topic: 3136 Message: 3151

OK, so we're still improving. Thanks Victor,

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 25, 2013 4:25 PM
Subject: Re: [X1M_QRP-Transceiver] X1M Latest Firmware

Dale, I have the same situation after updating.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: ср, 25 дек 2013 23:59
Subject: Re: [X1M_QRP-Transceiver] X1M Latest Firmware

Hi Dave,
I don't see a difference in Memory functions. It has always been possible to store a frequency/mode in Memory. What we had asked for was the ability to retrieve a Memory channel into one of the VFO's so we could tune. This would allow for Memory channels to serve as a quick bandswitch. My X1M with the new software still does not allow me to dump a Memory channel into a VFO and tune with it. Maybe I am missing a step or procedure?

Tnx,

Dale W4OP
----- Original Message -----
From: Bastress, David G
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 25, 2013 11:33 AM
Subject: Re: [X1M_QRP-Transceiver] X1M Latest Firmware

GM All,

Yes the CW split works and memory functions seem to work as well.

Dave K3GAU

On Dec 24, 2013 1:29 PM, "Dale Parfitt" <parinc1@...> wrote:

While I have not done an in depth analysis of the upgrade, I do see that CW SPLIT now functions properly.
Version # reports the same V1.021 but the date is now Dec 21 on the Firmware page.
If others have more time please do the upgrade and report any bugs.

Merry Christmas,

Dale W4OP

----- Original Message -----
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To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 24, 2013 9:53 AM
Subject: [X1M_QRP-Transceiver] RE: Where to buy?

Also try to www.qsl.net/ea3gcy

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Salvador

No virus found in this message.
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Version: 2014.0.4259 / Virus Database: 3658/6946 - Release Date: 12/24/13

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Version: 2014.0.4259 / Virus Database: 3658/6949 - Release Date: 12/25/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6949 - Release Date: 12/25/13

3152. Securing Final Transistor NUT (no epoxy)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-25 23:42:54 UTC
From: <disklog@...>
Topic: 3152 Message: 3152

I have uploaded my latest method of securing the final transistor nut so that the radio can be serviced without hassles with the final transistor nut. I noticed the circuit has an unmasked area above the final transistor. It looked to me that there may have been a prior way of better securing the nut/transistor that was eventually abandoned.
First I discarded the stainless steel nut and bolt that comes with the radio and replaced it with an ordinary steel nut and bolt. This change allows the nut to be soldered.
I cut a strip of brass 5mm wide, and drilled a clearance hole in the brass. then tinned the brass with solder and tinned the new nut. Soldered the nut to the brass and shaped the brass to fit in the mounting hole. Then I secured the transistor with the nut and brass and checked the fit. Then I marked the brass for trimming and bending. After removing, trimming and bending to mate to the circuit board, I then reinstalled and tightened securely. After the assembly was correctly securing the transistor, I wicked solder under the brass "wings" to secure it all to the circuit board.
Now the screw can be removed and the transistor serviced without any problems with the nut or shield assembly.
Ken N2LZV

3153. RE: Securing Final Transistor NUT (no epoxy)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-25 23:44:05 UTC
From: <disklog@...>
Topic: 3152 Message: 3153

I should have said "I have uploaded Photos....."

3154. Re: [X1M_QRP-Transceiver] Securing Final Transistor NUT (no epoxy)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-25 23:56:57 UTC
From: Dale Parfitt
Topic: 3152 Message: 3154

Hi Ken,
Does this allow the transistor to connect to the metal sheet and cabinet- which serves as a large heat sink? If not, and I have not done any thermal studies, but I question whether the transistor stays cool enough for long term survivability. I just cannot tell from the photos.

Tnx,

Dale W4OP
----- Original Message -----
From: disklog@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 25, 2013 6:42 PM
Subject: [X1M_QRP-Transceiver] Securing Final Transistor NUT (no epoxy)

I have uploaded my latest method of securing the final transistor nut so that the radio can be serviced without hassles with the final transistor nut. I noticed the circuit has an unmasked area above the final transistor. It looked to me that there may have been a prior way of better securing the nut/transistor that was eventually abandoned.
First I discarded the stainless steel nut and bolt that comes with the radio and replaced it with an ordinary steel nut and bolt. This change allows the nut to be soldered.
I cut a strip of brass 5mm wide, and drilled a clearance hole in the brass. then tinned the brass with solder and tinned the new nut. Soldered the nut to the brass and shaped the brass to fit in the mounting hole. Then I secured the transistor with the nut and brass and checked the fit. Then I marked the brass for trimming and bending. After removing, trimming and bending to mate to the circuit board, I then reinstalled and tightened securely. Aft er the assembly was correctly securing the transistor, I wicked solder under the brass "wings" to secure it all to the circuit board.
Now the screw can be removed and the transistor serviced without any problems with the nut or shield assembly.
Ken N2LZV

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6950 - Release Date: 12/25/13

3155. RE: [X1M_QRP-Transceiver] Securing Final Transistor NUT (no epoxy)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-25 23:57:52 UTC
From: Lee
Topic: 3152 Message: 3155

That is fantastic. Thank you for sharing with the group. Very nice solution to a problem.

Lee – N9LO

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of disklog@yahoo.com
Sent: Wednesday, December 25, 2013 5:43 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] Securing Final Transistor NUT (no epoxy)

I have uploaded my latest method of securing the final transistor nut so that the radio can be serviced without hassles with the final transistor nut. I noticed the circuit has an unmasked area above the final transistor. It looked to me that there may have been a prior way of better securing the nut/transistor that was eventually abandoned.
First I discarded the stainless steel nut and bolt that comes with the radio and replaced it with an ordinary steel nut and bolt. This change allows the nut to be soldered.
I cut a strip of brass 5mm wide, and drilled a clearance hole in the brass. then tinned the brass with solder and tinned the new nut. Soldered the nut to the brass and shaped the brass to fit in the mounting hole. Then I secured the transistor with the nut and brass and checked the fit. Then I marked the brass for trimming and bending. After removing, trimming and bending to mate to the circuit board, I then reinstalled and tightened securely. After the assembly was correctly securing the transistor, I wicked solder under the brass "wings" to secure it all to the circuit board.
Now the screw can be removed and the transistor serviced without any problems with the nut or shield assembly.
Ken N2LZV

3156. Re: [X1M_QRP-Transceiver] Securing Final Transistor NUT (no epoxy) WARNING

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 00:06:43 UTC
From: Tim
Topic: 3152 Message: 3156

Hi folks,

Just wanted to note that this attachment system will NOT work for the original X1Ms that use a bipolar transistor in the final - the emitter must be insulated from ground, as it has some emitter resistors.

Tim W5FN

3157. STRAIGHT KEY NIGHT (SKN)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 01:09:50 UTC
From: Charlie , W5COV
Topic: 3157 Message: 3157

Here is an event for ALL of us to use the X1M in the CW mode, and become familiar with how this radio handles this mode.

I don't believe I have ever missed even one of these events, even though one year, just home from one of my hospital stays I think I only made 1, possibly 2 contacts and even I was ashamed of my CW, but the operator(s) stuck with me and we did indeed confirm a contact. So DO NOT be AFRAID to give it a try.

Other times I have made in excess of 50 contacts, setting out looking for the person sending the slowest or with an obvious lack of proficiency, and also the very weak stations, in case they were QRP. I wanted those people to make at least one contact too.

This is NOT a contest. It is an event that has been around since the very early days of ham radio.

For by far and away the VAST majority of the contacts by me was using a Heathkit DX-60 and my ORIGINAL NOVICE receiver, that I got used prior to 1965, It is a Hallicrafters S-40 . Yes I do normally go QRO with about 50 watts output on this one night. I will make an exception this year and use my X1M.

I still use my original J-38 straight key also, that has literally thousands of hours on it , just since I have owned it in the early 1960's and it was a used military surplus key when I got it.

Can someone suggest a couple of frequencies away from the main busy frequencies where we can all look for other X1M users and make it in the part of the band that all classes of licenses for those bands can operate?

I think maybe one on 40 and one on 20 .

Here is the time and date from the ARRL :
Straight Key Night is held every*January 1*from 0000 UTC through 2359 UTC

Charlie, W5COV
SKCC #19
4SQRP #16

3158. Re: [X1M_QRP-Transceiver] Securing Final Transistor NUT (no epoxy) WARNING

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 01:39:42 UTC
From: ken fest
Topic: 3152 Message: 3158

Excellent point! This is only for the newer radios with the mosfet finals.

On Wed, 12/25/13, Tim <tim@utopiaedesign.com> wrote:

Subject: Re: [X1M_QRP-Transceiver] Securing Final Transistor NUT (no epoxy) WARNING
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Wednesday, December 25, 2013, 7:06 PM

Hi folks,

Just wanted to note that this attachment system will NOT
work for the
original X1Ms that use a bipolar transistor in the final -
the emitter
must be insulated from ground, as it has some emitter
resistors.

Tim W5FN

Yahoo Groups Links

    X1M_QRP-Transceiver-fullfeatured@yahoogroups.com

3159. Re: [X1M_QRP-Transceiver] Securing Final Transistor NUT (no epoxy)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 01:46:29 UTC
From: ken fest
Topic: 3152 Message: 3159

Yes Dale, if one reads the description carefully, the soldering is only done after the mosfet is securely attached. After attachment then the solder wicking takes place. In fact, the final bending and trimming is only done after an initial attachment is made where one marks the brass for cutting and bending.
Once bend and cut, you fasten the mosfet securely making sure the brass wings are actually a hair ABOVE the circuit board. This insures no upward pressure is being placed on the mosfet and it is tight against the bottom tin plate and case. Then the solder is wicked under the wings and all is well.
I suspect the factory had some similar attachment gizmo that proved too expensive or time consuming for production.
Ken N2LZV

On Wed, 12/25/13, Dale Parfitt <parinc1@frontier.com> wrote:

Subject: Re: [X1M_QRP-Transceiver] Securing Final Transistor NUT (no epoxy)
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Wednesday, December 25, 2013, 6:56 PM

□

Hi Ken,
Does this allow the
transistor to connect to the
metal sheet and cabinet- which serves as a large heat sink?
If not, and I
have not done any thermal studies, but I question
whether the transistor
stays cool enough for long term survivability. I just cannot
tell from the
photos.

Tnx,

Dale W4OP

----- Original Message -----

From:
disklog@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Wednesday,
December 25, 2013 6:42
PM
Subject:
[X1M_QRP-Transceiver] Securing

Final Transistor NUT (no epoxy)

I have uploaded my latest method of securing the final transistor nut so
that the radio can be serviced without hassles with the final transistor nut.
I noticed the circuit has an unmasked area above the final transistor. It
looked to me that there may have been a prior way of better securing the
nut/transistor that was eventually abandoned.
First I discarded the
stainless steel nut and bolt that comes with the radio and replaced it with an
ordinary steel nut and bolt. This change allows the nut to be soldered.
I
cut a strip of brass 5mm wide, and drilled a clearance hole in the brass. then
tinned the brass with solder and tinned the new nut.
Soldered the nut to the
brass and shaped the brass to fit in the mounting hole.
Then I secured the
transistor with the nut and brass and checked the fit. Then I marked the
brass for trimming and bending. After removing, trimming and bending to mate
to the circuit board, I then reinstalled and tightened securely. Aft er the
assembly was correctly securing the transistor, I wicked solder under the
brass "wings" to secure it all to the circuit board.
Now the screw can be
removed and the transistor serviced without any problems with the nut or
shield assembly.
Ken N2LZV
No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6950 - Release Date:
12/25/13

3160. Re: [X1M_QRP-Transceiver] Securing Final Transistor NUT (no epoxy)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 02:03:00 UTC
From: Dale Parfitt
Topic: 3152 Message: 3160

My error Ken- I had to orient myself in the photos- I seldom see the compnent side of the bottom board- nice job,

Dale W4OP
----- Original Message -----
From: ken fest
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 25, 2013 8:46 PM
Subject: Re: [X1M_QRP-Transceiver] Securing Final Transistor NUT (no epoxy)

Yes Dale, if one reads the description carefully, the soldering is only done after the mosfet is securely attached. After attachment then the solder wicking takes place. In fact, the final bending and trimming is only done after an initial attachment is made where one marks the brass for cutting and bending.
Once bend and cut, you fasten the mosfet securely making sure the brass wings are actually a hair ABOVE the circuit board. This insures no upward pressure is being placed on the mosfet and it is tight against the bottom tin plate and case. Then the solder is wicked under the wings and all is well.
I suspect the factory had some similar attachment gizmo that proved too expensive or time consuming for production.
Ken N2LZV

On Wed, 12/25/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] Securing Final Transistor NUT (no epoxy)
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Wednesday, December 25, 2013, 6:56 PM

☐

Hi Ken,
Does this allow the
transistor to connect to the
metal sheet and cabinet- which serves as a large heat sink?
If not, and I
have not done any thermal studies, but I question
whether the transistor
stays cool enough for long term survivability. I just cannot
tell from the
photos.

Tnx,

Dale W4OP

----- Original Message -----

From:
disklog@yahoo.com

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Wednesday,
December 25, 2013 6:42
PM
Subject:
[X1M_QRP-Transceiver] Securing
Final Transistor NUT (no epoxy)

I have uploaded my latest method of securing the final
transistor nut so
that the radio can be serviced without hassles with the
final transistor nut.
I noticed the circuit has an unmasked area above the final
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nut/transistor that was eventually abandoned.
First I discarded the
stainless steel nut and bolt that comes with the radio and
replaced it with an
ordinary steel nut and bolt. This change allows the nut to
be soldered.
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hole in the brass. then
tinned the brass with solder and tinned the new nut.
Soldered the nut to the
brass and shaped the brass to fit in the mounting hole.
Then I secured the
transistor with the nut and brass and checked the
fit. Then I marked the
brass for trimming and bending. After removing, trimming
and bending to mate
to the circuit board, I then reinstalled and tightened
securely. Aft er the
assembly was correctly securing the transistor, I wicked
solder under the
brass "wings" to secure it all to the circuit
board.
Now the screw can be
removed and the transistor serviced without any problems
with the nut or
shield assembly.
Ken N2LZV
No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus

Database: 3658/6950 - Release Date:
12/25/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6950 - Release Date: 12/25/13

3161. Addition to firmware wish list

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 03:02:44 UTC
From: <mikejmardis@...>
Topic: 3161 Message: 3161

I would like to have the ability to set the radio up for CW split with the receiving VFO in the appropriate LSB/USB and the transmitting VFO obviously in CW. Additionally, since I've upgraded to the Nov firmware (not the newest) I noticed my mute button doesn't work on the internal speaker or headphones. Does anybody else have this problem? Mike N1SPZ

3162. RE: Addition to firmware wish list

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 03:09:36 UTC
From: <lphebus@...>
Topic: 3161 Message: 3162

As far as I can tell, for me, the mute button only mutes the startup sounds... Nov firmware build.

3163. Re: [X1M_QRP-Transceiver] RE: Addition to firmware wish list

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 03:43:12 UTC
From: Dale Parfitt
Topic: 3161 Message: 3163

I would hope that China will replace the MUTE function with the M>V function. What does one use the Mute function for?

Dale W4OP

----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 25, 2013 10:09 PM
Subject: [X1M_QRP-Transceiver] RE: Addition to firmware wish list

As far as I can tell, for me, the mute button only mutes the startup sounds... Nov firmware build.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6950 - Release Date: 12/25/13

3164. Re: [X1M_QRP-Transceiver] RE: Addition to firmware wish list

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 03:56:33 UTC
From: Charlie , W5COV
Topic: 3161 Message: 3164

I agree with that 100% Dale, and darn it I never even thought of that while we were looking for a function spot for them to use. If I recall correctly that was the issue.

Charlie, W5COV

On 12/25/2013 9:43 PM, Dale Parfitt wrote:
>
> □
>
> I would hope that China will replace the MUTE function with the M>V
> function. What does one use the Mute function for?
> Dale W4OP
>
> ----- Original Message -----
> *From:* lphebus@... <mailto:lphebus@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Wednesday, December 25, 2013 10:09 PM
> *Subject:* [X1M_QRP-Transceiver] RE: Addition to firmware wish list
>
> As far as I can tell, for me, the mute button only mutes the
> startup sounds... Nov firmware build.
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6950 - Release Date:
> 12/25/13
>
>

3165. X1M Pro with new firmware changes TX frequency with CW?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 04:06:19 UTC
From: <jamespwithrow@...>
Topic: 3165 Message: 3165

All -

I'm using an X1M Pro with the latest firmware installed (Dec. 23rd). The radio works great for digital modes, etc. but I've run into a problem with CW. I have a straight key connected as per the manual, keyer set to "M".

While transmitting into a dummy load (my CW skills aren't up to par just yet), the CW transmit frequency will suddenly shift by an amount equal to the "CW Tone" menu setting, as verified by a local receiver. I've tried this at both 750 and 800 Hz, and on 40 and 20 Meters to see if it was frequency-dependent. Doesn't seem to make much difference.

When the shift happens, it will sometimes last for a couple elements, other times it will continue until the rig goes back into receive and transmits again.

If I transmit while in the settings menu, the first instant of each element seems to be at the shifted frequency, but the rest of the dit or dah is at the proper frequency (i.e. although there is a shift at the beginning of the element, the rest of it seems to be at the proper frequency).

In case it's necessary, my menu settings are as follows:

IF OFST: 8999550
LSB BFO: 8998450
USB BFO: 9000650
CW BFO: 8999550
CW TONE: 750/800

Wondering if anyone else has seen this issue or has any thoughts?

-Jim, N9ZQA

3166. Re: [X1M_QRP-Transceiver] X1M Pro with new firmware changes TX frequency with CW?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 04:22:10 UTC
From: Dale Parfitt
Topic: 3165 Message: 3166

Hi Jim,
With your CW Tone set to 800Hz (and CW BFO=IF OFFSET) , the TX frequency should always be the frequency indicated by the digital readout. Your RX frequency will differ by the tone setting. This allows you to listen to a station using your tone setting. The other station will be doing the same, using his tone setting. Thus no RIT is needed and you won't be walking one another up and down the band. The X1M now does this correctly. If your rig is behaving differently, try reloading the software. I have not seen this issue since it was first fixed in the November version.

Dale W4OP

----- Original Message -----
From: jamespwithrow@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 25, 2013 11:06 PM
Subject: [X1M_QRP-Transceiver] X1M Pro with new firmware changes TX frequency with CW?

All -

I'm using an X1M Pro with the latest firmware installed (Dec. 23rd). The radio works great for digital modes, etc. but I've run into a problem with CW. I have a straight key connected as per the manual, keyer set to "M".

While transmitting into a dummy load (my CW skills aren't up to par just yet), the CW transmit frequency will suddenly shift by an amount equal to the "CW Tone" menu setting, as verified by a local receiver. I've tried this at both 750 and 800 Hz, and on 40 and 20 Meters to see if it was frequency-dependent. Doesn't seem to make much difference.

When the shift happens, it will sometimes last for a couple elements, other times it will continue until the rig goes back into receive and transmits again.

If I transmit while in the settings menu, the first instant of each element seems to be at the shifted frequency, but the rest of the dit or dah is at the proper frequency (i.e. al though there is a shift at the beginning of the element, the rest of it seems to be at the proper frequency).

In case it's necessary, my menu settings are as follows:

IF OFST: 8999550
LSB BFO: 8998450
USB BFO: 9000650
CW BFO: 8999550
CW TONE: 750/800

Wondering if anyone else has seen this issue or has any thoughts?

-Jim, N9ZQA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6950 - Release Date: 12/25/13

3167. Re: [X1M_QRP-Transceiver] X1M Pro with new firmware changes TX frequency with CW?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 04:29:19 UTC
From: Charlie , W5COV
Topic: 3165 Message: 3167

I just did a 5 or so minute run on 20 meters with the straight key, using 800Hz. tone and checked it with another radio too and it is working perfectly here. This X1M PRO was just updated today with the latest firmware.

Charlie, W5COV

On 12/25/2013 10:22 PM, Dale Parfitt wrote:
>
> □
>
> Hi Jim,
> With your CW Tone set to 800Hz (and CW BFO=IF OFFSET) , the TX
> frequency should always be the frequency indicated by the digital
> readout. Your RX frequency will differ by the tone setting. This
> allows you to listen to a station using your tone setting. The other
> station will be doing the same, using his tone setting. Thus no RIT is
> needed and you won't be walking one another up and down the band. The
> X1M now does this correctly. If your rig is behaving differently, try
> reloading the software. I have not seen this issue since it was first
> fixed in the November version.
> Dale W4OP
>
> ----- Original Message -----
> *From:* jamespwithrow@... <mailto:jamespwithrow@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Wednesday, December 25, 2013 11:06 PM
> *Subject:* [X1M_QRP-Transceiver] X1M Pro with new firmware changes
> TX frequency with CW?
>
> All -
>
> I'm using an X1M Pro with the latest firmware installed (Dec.
> 23rd). The radio works great for digital modes, etc. but I've run
> into a problem with CW. I have a straight key connected as per the
> manual, keyer set to "M".
>
> While transmitting into a dummy load (my CW skills aren't up to
> par just yet), the CW transmit frequency will suddenly shift by an
> amount equal to the "CW Tone" menu setting, as verified by a local
> receiver. I've tried this at both 750 and 800 Hz, and on 40 and 20
> Meters to see if it was frequency-dependent. Doesn't seem to make

> much difference.
>
> When the shift happens, it will sometimes last for a couple
> elements, other times it will continue until the rig goes back
> into receive and transmits again.
>
> If I transmit while in the settings menu, the first instant of
> each element seems to be at the shifted frequency, but the rest of
> the dit or dah is at the proper frequency (i.e. al though there is
> a shift at the beginning of the element, the rest of it seems to
> be at the proper frequency).
>
> In case it's necessary, my menu settings are as follows:
>
> IF OFST: 8999550
> LSB BFO: 8998450
> USB BFO: 9000650
> CW BFO: 8999550
> CW TONE: 750/800
>
> Wondering if anyone else has seen this issue or has any thoughts?
>
> -Jim, N9ZQA
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6950 - Release Date:
> 12/25/13
>
>

3168. RE: X1M Pro with new firmware changes TX frequency with CW?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 04:44:30 UTC
From: <jamespwithrow@...>
Topic: 3165 Message: 3168

Dale -

I've reloaded the software and the rig is now behaving normally.

The strange thing is that I was able to reload the November firmware, which didn't exhibit the issue. When I reloaded the December firmware, the issue was back. I turned the rig off, then on again and it went away. I then re-reloaded the December firmware and haven't been able to get it to fail yet.

Thanks for the answer! This little rig has been a lot of fun!

-Jim, N9ZQA

3169. Re: [X1M_QRP-Transceiver] RE: X1M Pro with new firmware changes TX frequency with CW?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 04:55:05 UTC
From: Dale Parfitt
Topic: 3165 Message: 3169

Agreed Jim- I marvel at what it does for its size.
Some time later, we'll review what the radio was originally, and what all it does now.

73,

Dale W4OP
----- Original Message -----
From: jamespwithrow@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 25, 2013 11:44 PM
Subject: [X1M_QRP-Transceiver] RE: X1M Pro with new firmware changes TX frequency with CW?

Dale -

I've reloaded the software and the rig is now behaving normally.

The strange thing is that I was able to reload the November firmware, which didn't exhibit the issue. When I reloaded the December firmware, the issue was back. I turned the rig off, then on again and it went away. I then re-reloaded the December firmware and haven't been able to get it to fail yet.

Thanks for the answer! This little rig has been a lot of fun!

-Jim, N9ZQA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6950 - Release Date: 12/25/13

3170. Re: [X1M_QRP-Transceiver] No output on SSB !!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 10:54:39 UTC
From: <skhayat@...>
Topic: 3115 Message: 3170

Hi,
A friend of mine who got the same rig told me that he had a similar issue (no output on SSB) and the problem was due to a faulty 9 Mhz crystal. I am not sure if any of you guys had a similar problem.
Best 73,
Samir
OD5SK , HZ1SK

3171. Re: AW: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 12:25:41 UTC
From: Hans H Vollmer
Topic: 2998 Message: 3171
Attachments: 5 described; binary payloads are missing from this source WARC

Hello to all X1M-Fans,

I think Ihave my personal solution for using the X1M in the 475-kHz-Band.
With help by Tonne-Software (tnx) I designed a Diplexer to avoid intermodulation.
The resulting power on MF is about 25 mW, the rest of nearly 4.5 W has to be absorbed
in the high-pass branch of the diplexer.
In the attachements you will see:
- the schematic of the diplexer,
- a photo of the built diplexer,
- the high-pass frequenxy response,
- the low-pass freququency response
- a narrow spectrum and
- a wide spectrum.

I hope that helps the MF-fans.

73 de Hans, DF5SR

On Friday, December 20, 2013 11:20 PM, Joe <df2jp@...> wrote:

Hi Hans,

thank you for working out.
This means everything is ok with my X1M.
Well, I don´t need this 20mW, have to reduce for another 6dB to reach the legal limit.
Thanks again

73 Joe

Von:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] Im Auftrag von Hans H Vollmer
Gesendet: Freitag, 20. Dezember 2013 22:27
An: X1M_QRP-Transceiver@yahoogroups.com
Betreff: Re: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test [4 Attachments]

Hi MF-Fans,

in the meantime I've built a simple low-pass-filter for 475 khz.
as the first part of a diplexer. In the attachment there are some jpgs of the
filter-response, the analyzer-results and the filter itself.
similar to Joe I measured about 20mW on 475 kHz.
But I think it is worth to follow this path. Maybe a steeper filter could suppres the 1st harmonic more than the 40dB as it is now.
Amplification is not the problem, hi

73 and merry christmas to the group
de Hans, DF5SR

On Thursday, December 19, 2013 8:30 PM, "Charlie , W5COV" <cvest@...> wrote:

Thank you Hans !! A picture is worth a thousand words ....

Thank you for the idea too Dale !!

However I think this is out of my league, so I will be interested in seeing more information from those of you with expertise in the field.

Time for me to take a few lessons, from you guys.

Nap time :)

Charlie, W5COV

On 12/19/2013 1:18 PM, Dale Parfitt wrote:

>□
>You make an excellent point Hans- the filter must be absorptive NOT reflective. The simplest solution might be a homebrew diplexer with the HF port terminated in 50 Ohms. There are many 5-10W 50 Ohm loads with an SMA connector available.
>
>Dale W4OP
>----- Original Message -----
>>From:Hans H Vollmer
>>To:X1M_QRP-Transceiver@yahoogroups.com
>>Sent:Thursday, December 19, 2013 2:04 PM
>>Subject:Re: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test [2 Attachments]
>>
>>
>>Hi MF-Fans,
>>
>>I made two scans with my analyzer with the X1M without any filtering and
>>TX-QRG = 475 kHz.
>>The results are quite nice!
>>Joe and Klaus are right, filtering is absolutely neccessary.
>>The filter has to absorb most of the power transmitted.
>>73 de Hans, DF5SR
>>
>>On Thursday, December 19, 2013 7:20 PM, "mstangelo@..." <mstangelo@...> wrote:
>>
>>Folks,
>>
>>Klaus makes a good point. You sould check the power after a low pass filter. Since the ferrite transformers on the PA stage may be inefficient at LF frequencies most of the power output may be in the HF sum frequerncy.
>>
>>Mike N2MS
>>----- Original Message -----
>>From: Klaus <dj7oo@t-online.de>
>>To: X1M QRP-Transceiver <X1M_QRP-Transceiver@yahoogroups.com>
>>Sent: Thu, 19 Dec 2013 16:19:03 -0000 (UTC)
>>Subject: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test

>>
>>Hi,
>>as far as i am understanding its schematics, the X1M is a single conversion transceiver with RX/TX-IF around 9 MHz. In receive mode as well as in transmit mode there ONLY is bandpath filtering when operating within those 5 small amateur band segments. Outside the bands in and output signals only are passing two low pass filters with an Fo at about 30 MHz.
>>After tuning the X1M to e.g. 475Khz, i found its main DDS to operate around 9475 KHz. When in transmission mode this should result in TWO output signals. One is around 9475-9000 = 475Khz and the second one around 9475+9000 = 18475KHz! Because outside those 5 band segments there is no band pass filtering at all and LPF surpression only will be for frequencys above 30 MHz, both signals must be available at TX output! So under NO circumstances any 'out of those 5 bands' transmission should be made without adding some sort of external filtering. Of course this also concerns the use of other Amateur Bands like e.g. 160m, 30m, 17m aso.
>>When operating 'out of bands', also attached power meters will be influenced by more than one signal. This means, also its readings can be expected to be quite inaccurate.
>>
>>73 de Klaus, DJ7OO
>>
>>---
>>
>>
>>_____
>>
>>No virus found in this message.
>>Checked by AVG - www.avg.com
>>Version: 2014.0.4259 / Virus Database: 3658/6934 - Release Date: 12/19/13

3172. Re: [X1M_QRP-Transceiver] RE: Addition to firmware wish list

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 13:22:41 UTC
From: mikejmardis@...
Topic: 3161 Message: 3172

I agree. That was partly my point in posting it.
Any feelings on my split request?

Sent from my iPhone

> On Dec 25, 2013, at 22:56, "Charlie , W5COV" <cvest@...> wrote:
>
> I agree with that 100% Dale, and darn it I never even thought of that while we were looking for a function spot for them to use. If I recall correctly that was the issue.
>
> Charlie, W5COV
>
>> On 12/25/2013 9:43 PM, Dale Parfitt wrote:
>>
>> □
>>
>> I would hope that China will replace the MUTE function with the M>V function. What does one use the Mute function for?
>>
>> Dale W4OP
>>
>> ----- Original Message -----
>> From: lphebus@...
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: Wednesday, December 25, 2013 10:09 PM
>> Subject: [X1M_QRP-Transceiver] RE: Addition to firmware wish list
>>
>>
>> As far as I can tell, for me, the mute button only mutes the startup sounds... Nov firmware build.
>>
>> No virus found in this message.
>> Checked by AVG - www.avg.com
>> Version: 2014.0.4259 / Virus Database: 3658/6950 - Release Date: 12/25/13
>>
>
>

3173. Re: [X1M_QRP-Transceiver] RE: New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 13:30:51 UTC
From: ua1cex@...
Topic: 3161 Message: 3173

Hi friends, I noticed, after update new firmware, I lost first dot at the bigginig of TX. And now, I am again AA1CEX instead of UA1CEX. I listened up and down of my freq. But first dot disapeared forever!

73/72 - Victor, UA1CEX.

-----Original Message-----
From: mikejmardis@...
To: "X1M_QRP-Transceiver@yahoogroups.com" <X1M_QRP-Transceiver@yahoogroups.com>
Sent: чт, 26 дек 2013 17:22
Subject: Re: [X1M_QRP-Transceiver] RE: Addition to firmware wish list

I agree. That was partly my point in posting it.
Any feelings on my split request?

Sent from my iPhone

> On Dec 25, 2013, at 22:56, "Charlie , W5COV" <cvest@...> wrote:
>
> I agree with that 100% Dale, and darn it I never even thought of that while we were looking for a function spot for them to use. If I recall correctly that was the issue.
>
> Charlie, W5COV
>
>> On 12/25/2013 9:43 PM, Dale Parfitt wrote:
>>
>> □
>>
>> I would hope that China will replace the MUTE function with the M>V function. What does one use the Mute function for?
>>
>> Dale W4OP
>>
>> ----- Original Message -----
>> From: lphebus@...
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: Wednesday, December 25, 2013 10:09 PM
>> Subject: [X1M_QRP-Transceiver] RE: Addition to firmware wish list
>>
>>
>> As far as I can tell, for me, the mute button only mutes the startup sounds... Nov firmware build.
>>
>> No virus found in this message.
>> Checked by AVG - www.avg.com
>> Version: 2014.0.4259 / Virus Database: 3658/6950 - Release Date: 12/25/13

>>
>
>

3174. Re: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 14:28:41 UTC
From: Joseph Westbrook
Topic: 2963 Message: 3174

Dave:
Sorry for my absence from the board. Anyway, thanks for the offer to test the X1M but, don't bother. I moved my X1M to an XP Machine and it is working very well. I have discovered many Win7 issues with all kinds of Ham Radio Programs. It seems that Microsoft abandon some drivers, just dropped them or the applications/drivers developers didn't revise them for Win7. I just got tired of all of the issues surrounding Win7 so I'm back on an older but working computer :-(

73's DE K7ZT, Joe

_____
From: "Bastress, David G" <bastress@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, December 19, 2013 2:10 PM
Subject: Re: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

Joseph,

If you would like I can drag my X1M and cable to work where the computer runs W7 Enterprise and see if I get the BSOD or other nasty reactions. I have FLDIGI installed there also.

When I first plugged the interface cable in my machine at home it assigned it Com port 6. My regular installation uses Com Port 1 for control of my TS-2000. Info transfer seems very fast.

Dave K3GAU
On Thu, Dec 19, 2013 at 2:51 PM, Joseph Westbrook <k7zt@att.net> wrote:

>David:
>Thanks for the suggestions. I can live with the delay issue but the Blue Screen is a real hassle. I tried un-installing HRD and the driver. Reloaded and the problem.. I'm beginning to think that it has more to do with Win7. I've had issues with other Ham Radio Applications and after doing some research the root problem had to do with the drivers, or lack of for Win7. I never had issues with XP. I do have another PC with XP but it older and not anywhere as near as robust as my Win7 Machine. I did try to use FLDIGI and can't seem to get it to talk to the serial port. Any thanks again for the assistance!
> 73
>
>
>
>- K7ZT, Joe
>
>
>From: "Bastress, David G" <bastress@...>
>To: X1M_QRP-Transceiver@yahoogroups.com

>Sent: Wednesday, December 18, 2013 8:48 AM
>Subject: Re: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death
>
>
>GM Joe,
>
>I don't know if this will give you any insight or not. I bought the programming cable with the X1M.
>
> My computer uses XP and I don't use HRD but I have tried rig / computer control running FLDIGI. With my setup, there seems to be a second or two delay between stimulus and response either way the command goes. (rig>computer or computer>rig) It seems like it may be an X1M thing more than a programing cable thing. :-)
>
>Dave K3GAU
>On Wed, Dec 18, 2013 at 9:07 AM, Joseph Westbrook <k7zt@...> wrote:
>
>>I have a stable (normally) working Win 7 PC. I bought the X1M Programming Cable and it doesn't seem to function very well. I purchased and I'm still awaiting the new "Pro" Panel. In the mean time, I've been using the XM1 with HRD and the performance is very poor. When attempting to change frequencies, HRD almost always hesitates which is really frustrating! Eventually after running for a few minutes, HRD will either lock up or the computer will "blue screen" because of this, I'm concerned about using this set up to update my firmware with my Win 7 PC. Is there anyone out there who have had similar issues? I have attempted various port settings including flow control, speed, etc. to no avail. Any input would be appreciated.
>>
>>Thanks,
>>K7ZT, Joe

3175. Re: [X1M_QRP-Transceiver] RE: New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 15:43:26 UTC
From: Charlie , W5COV
Topic: 3161 Message: 3175

Victor you are the second person to report a similar problem. (At least I believe that was the problem, I'll review the messages from yesterday. It is too early in the morning for me here :)

I am not sure of the exact problem but it appears that it might be in writing to the EEPROM.

His solution and this is by no means a good answer, was he loaded one version back and then reloaded the latest version and had no problems as I have heard of yet after doing a downgrade and rewriting the upgrade.

I have not been able to duplicate it here yet.

Charlie, W5COV

On 12/26/2013 7:30 AM, ua1cex@... wrote:
>
> Hi friends, I noticed, after update new firmware, I lost first dot at
> the bigginig of TX. And now, I am again AA1CEX instead of UA1CEX. I
> listened up and down of my freq. But first dot disapeared forever!
>
> 73/72 - Victor, UA1CEX.
>
> -----Original Message-----
> From: mikejmardis@...
> To: "X1M_QRP-Transceiver@yahoogroups.com"
> <X1M_QRP-Transceiver@yahoogroups.com>
> Sent: чт, 26 дек 2013 17:22
> Subject: Re: [X1M_QRP-Transceiver] RE: Addition to firmware wish list
>
> I agree. That was partly my point in posting it.
> Any feelings on my split request?
>
> Sent from my iPhone
>
> On Dec 25, 2013, at 22:56, "Charlie , W5COV" <cvest@...
> <mailto:cvest@...>> wrote:
>
>> I agree with that 100% Dale, and darn it I never even thought of that
>> while we were looking for a function spot for them to use. If I
>> recall correctly that was the issue.
>>
>> Charlie, W5COV
>>
>> On 12/25/2013 9:43 PM, Dale Parfitt wrote:

>>>
>>> □
>>>
>>> I would hope that China will replace the MUTE function with the M>V
>>> function. What does one use the Mute function for?
>>> Dale W4OP
>>>
>>> ----- Original Message -----
>>> *From:* lphebus@... <mailto:lphebus@...>
>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>>> *Sent:* Wednesday, December 25, 2013 10:09 PM
>>> *Subject:* [X1M_QRP-Transceiver] RE: Addition to firmware wish list
>>>
>>> As far as I can tell, for me, the mute button only mutes the
>>> startup sounds... Nov firmware build.
>>>
>>> No virus found in this message.
>>> Checked by AVG - www.avg.com <http://www.avg.com>
>>> Version: 2014.0.4259 / Virus Database: 3658/6950 - Release Date:
>>> 12/25/13
>>>
>>
>

3176. Re: [X1M_QRP-Transceiver] RE: New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 15:51:39 UTC
From: ua1cex@...
Topic: 3161 Message: 3176

OK, Charlie. I will try to reinstall firmware. But, I can do that in some days. Because, I am not at home now.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: "Charlie , W5COV" <cvest@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: чт, 26 дек 2013 19:43
Subject: Re: [X1M_QRP-Transceiver] RE: New firmware.

Victor you are the second person to report a similar problem. (At least
I believe that was the problem, I'll review the messages from yesterday.
It is too early in the morning for me here :)

I am not sure of the exact problem but it appears that it might be in
writing to the EEPROM.

His solution and this is by no means a good answer, was he loaded one
version back and then reloaded the latest version and had no problems as
I have heard of yet after doing a downgrade and rewriting the upgrade.

I have not been able to duplicate it here yet.

Charlie, W5COV

On 12/26/2013 7:30 AM, ua1cex@... wrote:
>
> Hi friends, I noticed, after update new firmware, I lost first dot at
> the bigginig of TX. And now, I am again AA1CEX instead of UA1CEX. I
> listened up and down of my freq. But first dot disapeared forever!
>
> 73/72 - Victor, UA1CEX.
>
> -----Original Message-----
> From: mikejmardis@...
> To: "X1M_QRP-Transceiver@yahoogroups.com"
> <X1M_QRP-Transceiver@...m>
> Sent: чт, 26 дек 2013 17:22
> Subject: Re: [X1M_QRP-Transceiver] RE: Addition to firmware wish list
>
> I agree. That was partly my point in posting it.
> Any feelings on my split request?
>
> Sent from my iPhone
>

> On Dec 25, 2013, at 22:56, "Charlie , W5COV" <cvest@cox.net
> <mailto:cvest@...>> wrote:
>
>> I agree with that 100% Dale, and darn it I never even thought of that
>> while we were looking for a function spot for them to use. If I
>> recall correctly that was the issue.
>>
>> Charlie, W5COV
>>
>> On 12/25/2013 9:43 PM, Dale Parfitt wrote:
>>>
>>> □
>>>
>>> I would hope that China will replace the MUTE function with the M>V
>>> function. What does one use the Mute function for?
>>> Dale W4OP
>>>
>>> ----- Original Message -----
>>> *From:* lphebus@yahoo.com <mailto:lphebus@...>
>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>>> *Sent:* Wednesday, December 25, 2013 10:09 PM
>>> *Subject:* [X1M_QRP-Transceiver] RE: Addition to firmware wish list
>>>
>>> As far as I can tell, for me, the mute button only mutes the
>>> startup sounds... Nov firmware build.
>>>
>>> No virus found in this message.
>>> Checked by AVG - www.avg.com <http://www.avg.com>
>>> Version: 2014.0.4259 / Virus Database: 3658/6950 - Release Date:
>>> 12/25/13
>>>
>>
>

3177. Re: [X1M_QRP-Transceiver] RE: New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 16:00:39 UTC
From: Charlie , W5COV
Topic: 3161 Message: 3177

Please keep us informed Victor.

We will also attempt to isolate the true issue.

Charlie, W5COV

On 12/26/2013 9:51 AM, ua1cex@... wrote:
>
> OK, Charlie. I will try to reinstall firmware. But, I can do that in
> some days. Because, I am not at home now.
>
> 73/72 - Victor, UA1CEX.
>
> -----Original Message-----
> From: "Charlie , W5COV" <cvest@...>
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: чт, 26 дек 2013 19:43
> Subject: Re: [X1M_QRP-Transceiver] RE: New firmware.
>
> Victor you are the second person to report a similar problem. (At
> least I believe that was the problem, I'll review the messages from
> yesterday. It is too early in the morning for me here :)
>
> I am not sure of the exact problem but it appears that it might be in
> writing to the EEPROM.
>
> His solution and this is by no means a good answer, was he loaded one
> version back and then reloaded the latest version and had no problems
> as I have heard of yet after doing a downgrade and rewriting the upgrade.
>
> I have not been able to duplicate it here yet.
>
> Charlie, W5COV
>
> On 12/26/2013 7:30 AM, ua1cex@... wrote:
>>
>> Hi friends, I noticed, after update new firmware, I lost first dot at
>> the bigginig of TX. And now, I am again AA1CEX instead of UA1CEX. I
>> listened up and down of my freq. But first dot disapeared forever!
>>
>> 73/72 - Victor, UA1CEX.
>>
>> -----Original Message-----
>> From: mikejmardis@...
>> To: "X1M_QRP-Transceiver@yahoogroups.com"

>> <X1M_QRP-Transceiver@yahoogroups.com>
>> Sent: чт, 26 дек 2013 17:22
>> Subject: Re: [X1M_QRP-Transceiver] RE: Addition to firmware wish list
>>
>> I agree. That was partly my point in posting it.
>> Any feelings on my split request?
>>
>> Sent from my iPhone
>>
>> On Dec 25, 2013, at 22:56, "Charlie , W5COV" <cvest@...
>> <mailto:cvest@...>> wrote:
>>
>>> I agree with that 100% Dale, and darn it I never even thought of
>>> that while we were looking for a function spot for them to use. If I
>>> recall correctly that was the issue.
>>>
>>> Charlie, W5COV
>>>
>>> On 12/25/2013 9:43 PM, Dale Parfitt wrote:
>>>>
>>>> □
>>>>
>>>> I would hope that China will replace the MUTE function with the M>V
>>>> function. What does one use the Mute function for?
>>>> Dale W4OP
>>>>
>>>> ----- Original Message -----
>>>> *From:* lphebus@... <mailto:lphebus@...>
>>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>>>> *Sent:* Wednesday, December 25, 2013 10:09 PM
>>>> *Subject:* [X1M_QRP-Transceiver] RE: Addition to firmware wish list
>>>>
>>>> As far as I can tell, for me, the mute button only mutes the
>>>> startup sounds... Nov firmware build.
>>>>
>>>> No virus found in this message.
>>>> Checked by AVG - www.avg.com <http://www.avg.com>
>>>> Version: 2014.0.4259 / Virus Database: 3658/6950 - Release
>>>> Date: 12/25/13
>>>>
>>>
>
>

3178. Re: [X1M_QRP-Transceiver] RE: Addition to firmware wish list

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 16:12:28 UTC
From: Charlie , W5COV
Topic: 3161 Message: 3178

Mike, I haven't had a lot of time to play with this last upgrade, only having done my main radio last night. I will need to look at the diagram also, unless you have already traced it out. I am thinking we may be out of room for changes.
We have really pushed this radio from using minimal to using up to the maximum memory for "upgrade space" since the radio was first introduced.

Charlie, W5COV

On 12/26/2013 7:22 AM, mikejmardis@... wrote:
> I agree. That was partly my point in posting it.
> Any feelings on my split request?
>
> Sent from my iPhone
>
> On Dec 25, 2013, at 22:56, "Charlie , W5COV" <cvest@...
> <mailto:cvest@...>> wrote:
>
>> I agree with that 100% Dale, and darn it I never even thought of that
>> while we were looking for a function spot for them to use. If I
>> recall correctly that was the issue.
>>
>> Charlie, W5COV
>>
>> On 12/25/2013 9:43 PM, Dale Parfitt wrote:
>>>
>>> □
>>>
>>> I would hope that China will replace the MUTE function with the M>V
>>> function. What does one use the Mute function for?
>>> Dale W4OP
>>>
>>> ----- Original Message -----
>>> *From:* lphebus@... <mailto:lphebus@...>
>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>>> *Sent:* Wednesday, December 25, 2013 10:09 PM
>>> *Subject:* [X1M_QRP-Transceiver] RE: Addition to firmware wish list
>>>
>>> As far as I can tell, for me, the mute button only mutes the
>>> startup sounds... Nov firmware build.
>>>
>>> No virus found in this message.
>>> Checked by AVG - www.avg.com <http://www.avg.com>
>>> Version: 2014.0.4259 / Virus Database: 3658/6950 - Release Date:

>>> 12/25/13
>>>
>>
>

3179. MR>VFO function

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 16:16:48 UTC
From: <ed@...>
Topic: 3179 Message: 3179

I have contacted the factory about including this function again. This time I mentioned replacing the MUTE function with the MR>VFO function. They say they will do this. I can only assume that it will be in a firmware update. I'll let you know as soon as I get anything.

As far as the recent firmware updating comments goes..... I believe that early on, someone mentioned that they had to turn the radio on/off a couple times before some correction seemed to take place. I run the update one time and then check the firmware version to make sure it has installed. Maybe it would be a good idea to run the install twice? I don't see where it could hurt anything. Then cycle the radio on/off a couple times and hope for the best.

73
Ed
www.ImportCommunications.com

3180. Re: [X1M_QRP-Transceiver] RE: New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 16:18:06 UTC
From: ua1cex@...
Topic: 3161 Message: 3180

Ok, Charlie. When I'll be back home, I let you know.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: "Charlie , W5COV" <cvest@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: чт, 26 дек 2013 20:00
Subject: Re: [X1M_QRP-Transceiver] RE: New firmware.

Please keep us informed Victor.

We will also attempt to isolate the true issue.

Charlie, W5COV

On 12/26/2013 9:51 AM, ua1cex@... wrote:
>
> OK, Charlie. I will try to reinstall firmware. But, I can do that in
> some days. Because, I am not at home now.
>
> 73/72 - Victor, UA1CEX.
>
> -----Original Message-----
> From: "Charlie , W5COV" <cvest@...>
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: чт, 26 дек 2013 19:43
> Subject: Re: [X1M_QRP-Transceiver] RE: New firmware.
>
> Victor you are the second person to report a similar problem. (At
> least I believe that was the problem, I'll review the messages from
> yesterday. It is too early in the morning for me here :)
>
> I am not sure of the exact problem but it appears that it might be in
> writing to the EEPROM.
>
> His solution and this is by no means a good answer, was he loaded one
> version back and then reloaded the latest version and had no problems
> as I have heard of yet after doing a downgrade and rewriting the upgrade.
>
> I have not been able to duplicate it here yet.
>
> Charlie, W5COV
>
> On 12/26/2013 7:30 AM, ua1cex@... wrote:
>>

>> Hi friends, I noticed, after update new firmware, I lost first dot at
>> the bigginig of TX. And now, I am again AA1CEX instead of UA1CEX. I
>> listened up and down of my freq. But first dot disapeared forever!
>>
>> 73/72 - Victor, UA1CEX.
>>
>> -----Original Message-----
>> From: mikejmardis@...
>> To: "X1M_QRP-Transceiver@yahoogroups.com"
>> <X1M_QRP-Transceiver@yahoogroups.com>
>> Sent: чт, 26 дек 2013 17:22
>> Subject: Re: [X1M_QRP-Transceiver] RE: Addition to firmware wish list
>>
>> I agree. That was partly my point in posting it.
>> Any feelings on my split request?
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>> Sent from my iPhone
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>> On Dec 25, 2013, at 22:56, "Charlie , W5COV" <cvest@...
>> <mailto:cvest@...>> wrote:
>>
>>> I agree with that 100% Dale, and darn it I never even thought of
>>> that while we were looking for a function spot for them to use. If I
>>> recall correctly that was the issue.
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>>> On 12/25/2013 9:43 PM, Dale Parfitt wrote:
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>>>> □
>>>>
>>>> I would hope that China will replace the MUTE function with the M>V
>>>> function. What does one use the Mute function for?
>>>> Dale W4OP
>>>>
>>>> ----- Original Message -----
>>>> *From:* lphebus@yahoo.com <mailto:lphebus@...>
>>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>>>> *Sent:* Wednesday, December 25, 2013 10:09 PM
>>>> *Subject:* [X1M_QRP-Transceiver] RE: Addition to firmware wish list
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>>>> Version: 2014.0.4259 / Virus Database: 3658/6950 - Release
>>>> Date: 12/25/13

>>>>

>>>

>

>

3181. Replacement Front Panels

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 16:19:21 UTC
From: <ed@...>
Topic: 3181 Message: 3181

Two items of interest to purchasers of the latest radios and those that bought front panels to upgrade the X1M to X1m-Pro.

The factory is aware of the misspelling of "Transceiver" and has promised to send me corrected replacements. For the upgrade displays, I did not notice that the front panel was missing the clear plastic screen when I shipped them out. After this was brought to my attention, I informed the factory and they will send new ones.

I will ship out the replacement items when they arrive.

73
Ed
www.ImportCommunications.com

3182. Re: [X1M_QRP-Transceiver] MR>VFO function

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 16:25:03 UTC
From: Charlie , W5COV
Topic: 3179 Message: 3182

I ran into the same problem Ed with our first upgrade and everything was fine, because somewhere in the literature there is a note about this possibly happening on the EEPROM write, so I see no problem in doing a second install. That could have been me that made that comment early on, until I located that information on "possible" minor problems on an update.

THANK YOU !! GREAT NEWS !!! I thought they just needed a function spot to implement the M>V upgrade and somehow I never even gave MUTE a thought, since it was a pain to me :) so I tried to just ignore it. Now it will find a VERY useful function !!

Charlie, W5COV

On 12/26/2013 10:16 AM, ed@... wrote:
>
> I have contacted the factory about including this function again.
> This time I mentioned replacing the MUTE function with the MR>VFO
> function. They say they will do this. I can only assume that it will
> be in a firmware update. I'll let you know as soon as I get anything.
>
> As far as the recent firmware updating comments goes..... I believe
> that early on, someone mentioned that they had to turn the radio
> on/off a couple times before some correction seemed to take place. I
> run the update one time and then check the firmware version to make
> sure it has installed. Maybe it would be a good idea to run the
> install twice? I don't see where it could hurt anything. Then cycle
> the radio on/off a couple times and hope for the best.
>
> 73
> Ed
> www.ImportCommunications.com
>
>

3183. RE: X1M Pro with new firmware changes TX frequency with CW?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 18:20:08 UTC
From: <jamespwithrow@...>
Topic: 3165 Message: 3183

Looks like I spoke too soon.. the problem is back again this morning.

I'll do some digging and see if there is anything reproducible about the issue.

-Jim, N9ZQA

3184. Thanks Charlie!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 20:27:52 UTC
From: <disklog@...>
Topic: 3184 Message: 3184

Charlie,
I received my new AGC board and installed it. Finally I have a working AGC. Thank you for your quick shipping. It took three tries, but this time all is well.
Ken N2LZV

3185. RE: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 21:55:24 UTC
From: Ian Coots
Topic: 2963 Message: 3185

G’day Joe,

What version of W7 are you having issues with? (W7 Home, W7 Pro etc.)

The professional version of W7 has an inbuilt XP “component” which, from memory has to be “unlocked” but once done, you can run any W7 incompatible programs exactly as they would run in XP.

This is not available in the home edition.

You just navigate to the program using “My Computer”, right click on the program and choose the Compatibility option… worth a try if you have W7 pro.

de Ian VK3YIC

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Joseph Westbrook
Sent: Friday, 27 December 2013 1:29 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

Dave:

Sorry for my absence from the board. Anyway, thanks for the offer to test the X1M but, don't bother. I moved my X1M to an XP Machine and it is working very well. I have discovered many Win7 issues with all kinds of Ham Radio Programs. It seems that Microsoft abandon some drivers, just dropped them or the applications/drivers developers didn't revise them for Win7. I just got tired of all of the issues surrounding Win7 so I'm back on an older but working computer :-(

73's DE K7ZT, Joe

From: "Bastress, David G" <bastress@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, December 19, 2013 2:10 PM
Subject: Re: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

Joseph,

If you would like I can drag my X1M and cable to work where the computer runs W7 Enterprise and see if I get the BSOD or other nasty reactions. I have FLDIGI installed there also.

When I first plugged the interface cable in my machine at home it assigned it Com port 6. My regular installation uses Com Port 1 for control of my TS-2000. Info transfer seems very fast.

Dave K3GAU

On Thu, Dec 19, 2013 at 2:51 PM, Joseph Westbrook <k7zt@...> wrote:

David:

Thanks for the suggestions. I can live with the delay issue but the Blue Screen is a real hassle. I tried un-installing HRD and the driver. Reloaded and the problem.. I'm beginning to think that it has more to do with Win7. I've had issues with other Ham Radio Applications and after doing some research the root problem had to do with the drivers, or lack of for Win7. I never had issues with XP. I do have another PC with XP but it older and not anywhere as near as robust as my Win7 Machine. I did try to use FLDIGI and can't seem to get it to talk to the serial port. Any thanks again for the assistance!

73

- K7ZT, Joe

From: "Bastress, David G" <bastress@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 18, 2013 8:48 AM
Subject: Re: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

GM Joe,

I don't know if this will give you any insight or not. I bought the programming cable with the X1M.

My computer uses XP and I don't use HRD but I have tried rig / computer control running FLDIGI. With my setup, there seems to be a second or two delay between stimulus and response either way the command goes. (rig>computer or computer>rig) It seems like it may be an X1M thing more than a programing cable thing. :-)

Dave K3GAU

On Wed, Dec 18, 2013 at 9:07 AM, Joseph Westbrook <k7zt@att.net> wrote:

I have a stable (normally) working Win 7 PC. I bought the X1M Programming Cable and it doesn't seem to function very well. I purchased and I'm still awaiting the new "Pro" Panel. In the mean time, I've been using the XM1 with HRD and the performance is very poor. When attempting to change frequencies, HRD almost always hesitates which is really frustrating! Eventually after running for a few minutes, HRD will either lock up or the computer will "blue screen" because of this, I'm concerned about using this set up to update my firmware with my Win 7 PC. Is there anyone out there who have had similar issues? I have attempted various port settings including flow control, speed, etc. to no avail. Any input would be appreciated.

Thanks,

K7ZT, Joe

3186. X1M Pro with flrig

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 22:11:10 UTC
From: <k4tql@...>
Topic: 3186 Message: 3186

I have an original X1M upgraded to the X1M Pro using the panel kit. As far as I can tell, the upgrade went well.

I using Ubuntu 12.10, 32 bit, and am attempting to communicate with the X1M using flrig. I am using the usb serial cable obtained from import communications as the comm link between the PC and the X1M.

I cannot get flrig to talk to the X1M. Linux has the proper USB driver installed and the serial port shows up as /dev/ttyUSB0. The problem appears to be a baud rate problem .

Question 1: Has anyone successfully used flrig to control the X1M?

Question 2: What serial port parameters should the PC serial port be set to?

Question 3: What are the serial port parameters of the X1M. I know that it does work because I used windows to do the firmware upgrade. The PC is the same one I use for linux (dual boot). I know the serial cable works (used for firmware upgrade). Is the baud rate for the X1M adaptive or do you need to set the PC serial port to some value in order to communicate.

Hoping someone has an answer.

3187. Re: Replacement Front Panels

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-26 22:24:34 UTC
From: Bruce Nebergall K4TQL
Topic: 3181 Message: 3187

Thanks Ed. I noticed the lack of the plastic screen but was so excited that I didn't notice the mispelling of Transceiver.

A tip for those installing the panels. I found that it was easy to mis-align the rectangular pushbuttons so that they would bind in the front panel. What I did was to install the screen assembly so that both the voltume control and the frequency control were positioned properly. I made sure that the case top was installed. I test fit the front panel so that the control shafts were properly positioned (they can move a little). Then I test fit the pushbuttons on the circuit board carrier and inserted them into the front panel. Then I test fit that assembly to the front of the case holding the case vertical so that the buttons hung down. I made sure each button was free. Then, I removed the front panel and removed the barriers on the adhesive pads on the new display module. Then holding the case vertically, I reinstalled the front panel/pushbutton assembly on the front of the case again making sure the buttons were free.

A lot of steps, maybe, but all the buttons are free with no hanging.

Bruce, K4TQL

3188. Mic in

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 02:49:53 UTC
From: <caulktel@...>
Topic: 3188 Message: 3188

I will be ordering my X1M Pro any day when my funds are available at PayPal, in the mean time I'm trying gather as much info as I can, like what kind of mic does it use, electret, dynamic? Also, what are the chances that my new radio will work out of the box without needing alignment. I'm not to concerned about doing a alignment but just wondering if all of them need it or just a few. Thanks for the help, I look forward to my new transceiver.

Joel
KB6QVI

3189. Had Some Fun Today

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 03:16:03 UTC
From: rickmac06@frontier.com
Topic: 3189 Message: 3189

Greetings guys,

Brought the X1M with me to my parents house in Houston, TX for Christmas visit. Threw a end-fed antenna up into a pine tree and worked 40,20,and 17 Meters. Had a half-hour QSO with my buddy in Southern IL (QRP to QRP). Then I worked Delaware, Oklahoma, MO, FL, IN, OH, and a local-net station about 80 miles south of Houston. It still amazes what you can do with 5-watts, speaker-wire, tuner, and a tall tree :-) It was a fun!

Regards, John KC9YAW.

3190. Re: [X1M_QRP-Transceiver] Had Some Fun Today

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 03:44:03 UTC
From: ken fest
Topic: 3189 Message: 3190

Sounds like you had a blast. What tuner did you use? What length antenna?
Ken

On Thu, 12/26/13, rickmac06@... <rickmac06@...> wrote:

Subject: [X1M_QRP-Transceiver] Had Some Fun Today
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Thursday, December 26, 2013, 10:16 PM

Greetings guys,

Brought the X1M with me to my parents house in Houston, TX
for Christmas visit. Threw a end-fed antenna up into a
pine tree and worked 40,20,and 17 Meters. Had a half-hour
QSO with my buddy in Southern IL (QRP to QRP). Then I worked
Delaware, Oklahoma, MO, FL, IN, OH, and a local-net station
about 80 miles south of Houston. It still amazes what you
can do with 5-watts, speaker-wire, tuner, and a tall tree
:-) It was a fun!

Regards, John KC9YAW.

Yahoo Groups Links

    X1M_QRP-Transceiver-fullfeatured@yahoogroups.com

3191. RE: Mic in

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 03:58:33 UTC
From: <caulktel@...>
Topic: 3188 Message: 3191

That title was supposed to say "Mic Info", Yahoo did it again.

Joel
KB6QVI

3192. "S" Meter & RF Meter Compatibility

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 06:12:56 UTC
From: <disklog@...>
Topic: 3192 Message: 3192

It is 1 am EST Friday morning. I have just completed building the RF meter board and the S meter board. I installed them both inside the X1M and am happy to report they play together nicely. No problems and no issues. It was a tight fit but both boards fit inside the radio with only the positive signal wire having to be brought out to the meter.
If desired, the spare pin on the DB9 can be used for the meter wire and ground picked up where convenient.
I will add 2 photos to my version 3 folder to show where I installed these boards.
Ken N2LZV

3193. RE: Replacement Front Panels

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 07:08:05 UTC
From: <gordymurrieta@...>
Topic: 3181 Message: 3193

I needed to use Dremel with engraving attachment to lower panel button holes.

3194. Re: Replacement Front Panels

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 07:12:22 UTC
From: <gordymurrieta@...>
Topic: 3181 Message: 3194

I attached the button board as low as it would go in the case and the alignment with the aluminum front panel button hole cut outs was still off (cut outs too high). So I resorted to using my Dremel with engraving cutter to lower the openings.

3195. RE: X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 08:56:20 UTC
From: <lheiner1111@...>
Topic: 2645 Message: 3195

Hi Dale,

hope santa was good to you :-))

put me on the list

73 Heinz DF7FR

3196. Re: [X1M_QRP-Transceiver] RE: X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 09:21:00 UTC
From: Stephen Farthing
Topic: 2645 Message: 3196

I would like a filter very much.....just tell me how to pay...

Steve G0XAR

On 27 December 2013 08:56, <lheiner1111@...> wrote:

>
>
> Hi Dale,
>
> hope santa was good to you :-))
>
> put me on the list
>
> 73 Heinz DF7FR
>
>

3197. Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 15:27:18 UTC
From: <captpaul1@...>
Topic: 3197 Message: 3197

Hi,
The XYL and I live on a boat which we cruise the US West Coast on. I was semi active as a Ham and SWL'er years back and then quit a dozen years ago. I was looking for a cheap, portable SWL radio (to connect to my lap top) to use for weatherfax. I'd also like to get a cheap HF xcvr to play with (mostly 20 meters). So I thought I might just get an MFJ 9420. Long story short, did some web searching and found the X1M, which I hope will give me (almost) everything I'm looking for: all band receiver for weatherfax and 20m QRP xcvr.

Got a couple questions:

Any way to get the X1M to receive AM signals? So I can listen to SWL stations or voice weather broadcasts?

Any mounting brackets available for this? I might want to mount this through a dash. Anyone doing this?

Should I get the X1M Pro or wait for the Mark II?

Thanks and 73's

Paul

3198. Re: Mic in

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 15:40:49 UTC
From: Paul Ross
Topic: 3188 Message: 3198

Microphone provided is an electret. Discussion on the group, and file information about microphone internals.

Read the User's Guide (file section).

73 /paul W3FIS

3199. X1M holiday ops

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 16:09:41 UTC
From: <pal350@...>
Topic: 3199 Message: 3199

Been using my X1M over the holidaze at my parents'. I keep a G5RV stashed there of this type...

http://www.hamuniverse.com/g5rv.html

...it's the version fed with 300-ohm twin lead. I brought the Norcal BLT tuner originally, the new version of which is here:

http://www.qrpkits.com/blt_plus.html

The BLT tuner works well at 40m and higher, but the toroid in the z-match doesn't have enough oomph to tune 80. So I ordered an Emtech ZM-2 kit...

http://emtech.steadynet.com/zm2.shtml

...and put it together. It tunes 80 great and also gives a flat match anywhere I go on 40, 20, 15, or 10.

However, results are disappointing outside the filtered bands, and the antenna or tuner are definitely not the culprits. For instance, at 7.300.000 the system will tune to 1:1, as indicated by a very sharp minimum on the LED brightness and confirmed by an SWR reading. But if I move to 7.300.001, I hear the filter relay click and I can't get a match. The LED null is there but much less pronounced and the SWR is pretty high, maybe 3:1.

I pretty sure what's happening is without the filter, junk from the P.A. is confusing the tuner, which can't match to several freeks at the same time. Clearly, moving 1 Hz shouldn't cause the tuning situation to change that drastically.

Kinda using this example to re-amplify my request for the developers to turn on the closest filter no matter where you are in the 100KHz to 30MHz range. I can't think of any way it could hurt performance but I there are certainly ways it could help.

80m Filter Fo = 3.9MHz
enable from 100KHz to 4.000.000MHz
(Also mod filter components to increase Fo to 4.0MHz if feasible)

40m Filter Fo = 7.15MHz
enable from 4.000.001MHz to 7.300.000MHz
(Also mod filter components to increase Fo to 7.3MHz if feasible)

20m Filter Fo=14.4MHz
enable from 7.300.001MHz to 14.400.000MHz

15m Filter Fo=21.45MHz
enable from 14.400.001MHz to 21.450.000MHz

10m Filter Fo=29.7MHz
enable from 21.450.001MHz to 30.000.000Mhz

This firmware mod should be do-able without using any extra PROM space since I'm guessing it will involve only changing five data constants.

My on-air friends are unanimous - the X1M audio is in desperate need of some serious processing. My first project on getting home will be to look into a VOGAD circuit for the audio, maybe taken from the one used in the PRC-1099. Goal will be to cut off anything below 300Hz and apply a heavy dose of VOGAD processing.

--Mark
KI0PF

3200. Re: [X1M_QRP-Transceiver] Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 16:41:56 UTC
From: ken fest
Topic: 3197 Message: 3200

I use USB to listen to AM signals and it sounds good to me.
I had a MFJ 9420 for years, I added a digital display to it and it worked well. However, the X1MPRO runs circles around it. Much more radio for the money, and if you like to tinker, you can make it you favorite rig.
Not aware of any mounting brackets for it, but it is so small that mounting should not be an issue. There are 8 Allen head bolts with plenty of extra thread available to allow fabrication of a custom mount.
The Mark ll is pie in the sky, a long way off and is expected to be fairly expensive. Not at all in the price range of the X1MPRO. If you are looking for a bit more power, there are several options. A 20 watt amp is available from an on line seller, as well as more powerful amps. My favorite is the easy to build ARRL homebrew challenge winner amplifier. It is cheap to build, I get 60 watts out, and it uses two 98 cent transistors.
Hope this helps,
Ken N2LZV

On Fri, 12/27/13, captpaul1@... <captpaul1@...m> wrote:

Subject: [X1M_QRP-Transceiver] Should I get a X1M?
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 27, 2013, 10:27 AM

Hi,The XYL and I live on a boat which we cruise the US West Coast on. I was semi active as a Ham and SWL'er years back and then quit a dozen years ago.
 I was looking for a cheap, portable SWL radio (to connect to my lap top) to use for weatherfax. I'd also like to get a cheap HF xcvr to play with (mostly 20 meters). So I thought I might just get an MFJ 9420.
 Long story short, did some web searching and found the X1M, which I hope will give me (almost) everything I'm looking for: all band receiver for weatherfax and 20m QRP xcvr.
Got a couple questions:
Any way to get the X1M to receive AM signals?
 So I can listen to SWL stations or voice weather broadcasts?
Any mounting brackets available for this? I might want to mount this through a dash. Anyone doing this?
Should I get the X1M Pro or wait for the Mark II?
Thanks and 73's
Paul

3201. Re: Had Some Fun Today

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 16:49:20 UTC
From: rickmac06@frontier.com
Topic: 3189 Message: 3201

Yes Ken it was a blast. I'm using the Hendricks SOTA Tuner and I'm still experimenting with antenna length and turns ratio on the tuner.
I have not found an ideal combination yet. I have cut two antennas. One is for 40M and the other is for 20M. The tuner will tune the 40M antenna on 20, but not quite as low a swr as the one cut for 20. I used the 20M antenna as a vertical om 17M and it worked pretty good. The 40M did a very good job as a sloper on 40. Since I'm still experimenting I will hold off on giving the dimensions. I'm considering a different toroid for the tuner at this point. The issue that I have right now is that the swr's tune great on 40 but not so good on the higher bands. Have you or anyone else on the forum found a winning combination? If and when I get something that I'm truly happy with I will post the details to the group.
Regards, Rick. AKA John.

--- In X1M_QRP-Transceiver@yahoogroups.com, ken fest <disklog@...> wrote:
>
> Sounds like you had a blast. What tuner did you use? What length antenna?
> Ken
> ---
> On Thu, 12/26/13, rickmac06@... <rickmac06@...> wrote:
>
> Subject: [X1M_QRP-Transceiver] Had Some Fun Today
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Thursday, December 26, 2013, 10:16 PM
>
> Greetings guys,
>
> Brought the X1M with me to my parents house in Houston, TX
> for Christmas visit. Threw a end-fed antenna up into a
> pine tree and worked 40,20,and 17 Meters. Had a half-hour
> QSO with my buddy in Southern IL (QRP to QRP). Then I worked
> Delaware, Oklahoma, MO, FL, IN, OH, and a local-net station
> about 80 miles south of Houston. It still amazes what you
> can do with 5-watts, speaker-wire, tuner, and a tall tree
> :-) It was a fun!
>
> Regards, John KC9YAW.
>
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>   X1M_QRP-Transceiver-fullfeatured@yahoogroups.com
>

3202. Re: [X1M_QRP-Transceiver] Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 17:15:37 UTC
From: <captpaul1@...>
Topic: 3197 Message: 3202

Tnx Ken. Great info. I am a tinkerer of sorts but, because we live on a boat, have limited access to tools. I've got a low watt soldering iron, "beginner" soldering skills and old eyes. ;) Do you have links for the amps you mentioned? If there's a simple kit I might be able to handle that. I'm on a limited budget as this will be a "toy" in the eyes of the XYL. I'm also eyeing that AGC mod people have mentioned here.

The dash where I'd like to mount this is about 9" wide x 5.5" high x 9" deep. I'd like to mount the X1M, speaker and antenna tuner there if possible. There's room in the back for a small-ish power amp also. I'm undecided about what to use for an antenna. I've used Ham Sticks with great success in the past but this boat already has insulators on the backstay so I might use that instead.

Any suggestions for a tuner I can face mount like the X1M?

3203. Re: [X1M_QRP-Transceiver] Re: Had Some Fun Today

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 17:25:26 UTC
From: ken fest
Topic: 3189 Message: 3203

Rick,
Thanks for the reply. I currently use an MFJ-945E tuner. It seems to tune well & has a meter but it is a little bigger than I would like. Probably the best solution for me would be a homebrew version of the MFJ tuner,
made as small as possible. I suspect if someone produced a very small tuner with a small cross needle meter, rated at about 20 watts or so, it would sell well.
I am not fond of the tuners that use an LED as an indicator.
I am thinking of trying the PAR end fed dipole that covers 10/20/40. It might make a good antenna for the go box.
73,
Ken N2LZV

On Fri, 12/27/13, rickmac06@... <rickmac06@frontier.com> wrote:

Subject: [X1M_QRP-Transceiver] Re: Had Some Fun Today
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 27, 2013, 11:49 AM

Yes Ken it was a blast. I'm using the
Hendricks SOTA Tuner and I'm still experimenting with
antenna length and turns ratio on the tuner.
I have not found an ideal combination yet. I have cut two
antennas. One is for 40M and the other is for 20M. The tuner
will tune the 40M antenna on 20, but not quite as low a swr
as the one cut for 20. I used the 20M antenna as a vertical
om 17M and it worked pretty good. The 40M did a very good
job as a sloper on 40. Since I'm still experimenting I will
hold off on giving the dimensions. I'm considering a
different toroid for the tuner at this point. The issue that
I have right now is that the swr's tune great on 40 but not
so good on the higher bands. Have you or anyone else on the
forum found a winning combination? If and when I get
something that I'm truly happy with I will post the details
to the group. Regards, Rick. AKA John.

--- In X1M_QRP-Transceiver@yahoogroups.com,
ken fest <disklog@...> wrote:
>
> Sounds like you had a blast. What tuner did you use?
What length antenna?
> Ken
> ---
> On Thu, 12/26/13, rickmac06@... <rickmac06@...>
wrote:
>
> Subject: [X1M_QRP-Transceiver] Had Some Fun

Today
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Thursday, December 26, 2013, 10:16 PM
>
> Greetings guys,
>
> Brought the X1M with me to my parents house in
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> for Christmas visit. Threw a end-fed antenna up
into a
> pine tree and worked 40,20,and 17 Meters. Had a
half-hour
> QSO with my buddy in Southern IL (QRP to QRP).
Then I worked
> Delaware, Oklahoma, MO, FL, IN, OH, and a
local-net station
> about 80 miles south of Houston. It still amazes
what you
> can do with 5-watts, speaker-wire, tuner, and a
tall tree
> :-) It was a fun!
>
> Regards, John KC9YAW.
>
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
> X1M_QRP-Transceiver-fullfeatured@yahoogroups.com
>

Yahoo Groups Links

X1M_QRP-Transceiver-fullfeatured@yahoogroups.com

3204. Re: [X1M_QRP-Transceiver] RE: X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 17:32:33 UTC
From: Paul Schumacher
Topic: 2645 Message: 3204

I would like one also, Paul K0ZYV

thanks,

On Friday, December 27, 2013 3:21 AM, Stephen Farthing <squirrox@...> wrote:

I would like a filter very much.....just tell me how to pay...

Steve G0XAR

On 27 December 2013 08:56, <lheiner1111@...> wrote:

>
>Hi Dale,
>
>hope santa was good to you :-))
>
>put me on the list
>
>73 Heinz DF7FR

3205. Re: [X1M_QRP-Transceiver] RE: X1M CW Filter

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 17:40:17 UTC
From: Dale Parfitt
Topic: 2645 Message: 3205

Hi Gang,
With my work schedule, the CW filter is months away. To date I have designed and built the basic filter- 4 pole 500Hz. Real world filter is a near perfect match to the synthesis/simulation. But I still need to build IN/OUT matching, try it on the radio. Develop the necessary digital interface so it will auto switch when CW mode is selected, layout the SMD board and get ready to kit.
Sorry for the delay, but I do 80+ hour weeks just keeping up.

Dale W4OP
----- Original Message -----
From: Paul Schumacher
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, December 27, 2013 12:32 PM
Subject: Re: [X1M_QRP-Transceiver] RE: X1M CW Filter

I would like one also, Paul K0ZYV

thanks,

On Friday, December 27, 2013 3:21 AM, Stephen Farthing <squirrox@...> wrote:

I would like a filter very much.....just tell me how to pay...

Steve G0XAR

On 27 December 2013 08:56, <lheiner1111@...> wrote:

Hi Dale,

hope santa was good to you :-))

put me on the list

73 Heinz DF7FR

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6953 - Release Date: 12/27/13

3206. Re: [X1M_QRP-Transceiver] Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 17:46:15 UTC
From: ken fest
Topic: 3197 Message: 3206

My suggestion is to type "20 watt hf amp" into google.
It will take you to several sites some all homebrew and some kits. There is also a yahoo group that is dedicated to these small amps.
I am not aware of any front mountable tuners, but I am no expert in that area.
If you are looking for the easiest construction of an amp, then I suggest you build one that uses mitsubishi mosfets, particularly the RD16HHF1 mosfet.
If you are a ARRL member, you can read online the construction of the homebrew challenge amp and decide for yourself if it is something you can build. The worst part of homebrew construction is sourcing all the parts, which makes kitbuilding so attractive.
Good luck,
Ken N2LZV

On Fri, 12/27/13, captpaul1@... <captpaul1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] Should I get a X1M?
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 27, 2013, 12:15 PM

Tnx Ken. Great info. I am a tinkerer of sorts
but, because we live on a boat, have limited access to
tools. I've got a low watt soldering iron,
"beginner" soldering skills and old eyes. ;)
 Do you have links for the amps you mentioned? If
there's a simple kit I might be able to handle that.
 I'm on a limited budget as this will be a
"toy" in the eyes of the XYL. I'm also
eyeing that AGC mod people have mentioned here.
The
dash where I'd like to mount this is about 9" wide
x 5.5" high x 9" deep. I'd like to mount
the X1M, speaker and antenna tuner there if possible.
 There's room in the back for a small-ish power amp
also. I'm undecided about what to use for an
antenna. I've used Ham Sticks with great success
in the past but this boat already has insulators on the
backstay so I might use that instead.
Any
suggestions for a tuner I can face mount like the X1M?

3207. RE: Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 18:28:30 UTC
From: <lphebus@...>
Topic: 3197 Message: 3207

I really like the Emtech tuner (kit). As it comes, all connections are in the front of the unit, but this would be easy to change. Check out the eham.net reviews...

http://emtech.steadynet.com/zm2.shtml http://emtech.steadynet.com/zm2.shtml

3208. Re: [X1M_QRP-Transceiver] Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 19:06:09 UTC
From: Charlie , W5COV
Topic: 3197 Message: 3208

Hi Group,

The Mark II is like someone said "pie in the sky." The last time frame I saw for even a "possible" BETA prototype was roughly 2 years out. The price is rumored to be in the range of Elecraft OR higher !! At least double the X1M.

I do listen to AM with the X1M.

There are no mounting brackets available that I am aware of. But this is a great radio , and an even greater radio for the guy that likes to roll up his sleeves and play. You can make it anything you want it in a custom installation or configuration with a little building, or use it right out of the box, maybe tweak your offsets a few Hertz and you are ready to operate !!

This is maybe the best support group on the entire net for a radio. Plus LOTS of guys who build accessories and share them with the group on the home page.

If you are looking for an amplifier kit there is one advertised by two retired hams that I believe are in Texas, and while I do not own the amp can tell you that they produce nothing but a very limited line of ham accessories of TOP QUALITY and at good prices. (Usual no financial interest) However the QST amp is as cheap and simple as you can find.

Dale runs a full time HIGHLY successful business (www.parelectronics.com) and we are fortunate that he is so willing to give up his FAMILY & FREE time to work on projects for the X1M. Dale developed the AGC (TINY) 0805 SMD KIT , that I do kit and sell , FOR FULL DISCLOSURE.

He works on the CW filter when he has the time and he is VERY particular about the QUALITY of whatever product he works on whether it is for sale or to share with us. It is no overnight or even 1 month development project and he will end up with hundreds of hours of his time and probably into the hundred dollars range in just test parts and configurations to develop the best possible filter, and then he offers it to us at a price where he is not making any money. We ARE a SMALL market currently, even in the QRP subset of hams and this is a special item for a TINY radio. I would use the external filter that Ed at Import Communications sells as a CW filter (also can be used for SSB) until such time as Dale has PLENTY of time , up to a year , to work on a special X1M filter. You can always use the external filter that Ed sells,(www.importcommunications.com) with another radio later, or sell it. It appears to be a close copy of the NESCAF filter.(Again no financial interest)

Ken , another group member found a different output transistor that is a drop in replacement for the new X1M PROS's that use a MOSFET final, that gives a couple of more watts output.

There are a couple of inside the microphone speech processors , made by Lee/7 and Lee/9 on the group home page.

We always enjoy seeing new ideas and builds. Some of us keep a breadboard with the radio,just to try different things.

It is a fine, fun , radio and you are only limited by your imagination as to what you want it to be.

I use mine all of the time and have an absolute ball with it. LOTS of DX worked !! I don't even give it a thought that it is a QRP rig !! If I hear someone I want to work, I jump in just like I would running QRO and 9 out of 10 times I will work them.

Hope this answers some questions. ALL opinions are my own. Just enjoy the radio. This radio is absolutely amazing in not only size and performance, but with all of the little extras included for operating, that I have never seen available on ANY radio or kit in the economy class !!

Charlie, W5COV

On 12/27/2013 9:27 AM, captpaul1@... wrote:
>
> Hi,
>
> The XYL and I live on a boat which we cruise the US West Coast on. I
> was semi active as a Ham and SWL'er years back and then quit a dozen
> years ago. I was looking for a cheap, portable SWL radio (to connect
> to my lap top) to use for weatherfax. I'd also like to get a cheap HF
> xcvr to play with (mostly 20 meters). So I thought I might just get
> an MFJ 9420. Long story short, did some web searching and found the
> X1M, which I hope will give me (almost) everything I'm looking for:
> all band receiver for weatherfax and 20m QRP xcvr.
>
> Got a couple questions:
>
> Any way to get the X1M to receive AM signals? So I can listen to SWL
> stations or voice weather broadcasts?
>
> Any mounting brackets available for this? I might want to mount this
> through a dash. Anyone doing this?
>
> Should I get the X1M Pro or wait for the Mark II?
>
> Thanks and 73's
>
> Paul
>

3209. AW: [X1M_QRP-Transceiver] RE: Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 20:20:31 UTC
From: Joe
Topic: 3197 Message: 3209

I´ve build this one for my X1M:

http://www.qrpproject.de/ZM4.html

Nice and easy to build, covers 10m – 160m.

73 Joe

Von: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] Im Auftrag von lphebus@...
Gesendet: Freitag, 27. Dezember 2013 19:29
An: X1M_QRP-Transceiver@yahoogroups.com
Betreff: [X1M_QRP-Transceiver] RE: Should I get a X1M?

I really like the Emtech tuner (kit). As it comes, all connections are in the front of the unit, but this would be easy to change. Check out the eham.net reviews...

http://emtech.steadynet.com/zm2.shtml

3210. RE: [X1M_QRP-Transceiver] RE: Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 21:37:30 UTC
From: Ian Coots
Topic: 3197 Message: 3210
Attachments: 1 described; binary payloads are missing from this source WARC

This is a nice little tuner with a high/low range…great for the X1M on low with the option of using with an ext amp to 200W…coax or open wire feed…not too expensive and size good. Crossed needles an additional bonus.

http://www.ebay.com.au/itm/MFJ-971-Portable-Antenna-Tuner-200-Watts-QRP-1-8-To-30-MHZ-Cross-Needle-/131062217564?pt=US_Radio_Comm_Tuners&hash=item1e83eabb5c

de Ian VBK3YIC

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of lphebus@...
Sent: Saturday, 28 December 2013 5:29 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Should I get a X1M?

I really like the Emtech tuner (kit). As it comes, all connections are in the front of the unit, but this would be easy to change. Check out the eham.net reviews...

http://emtech.steadynet.com/zm2.shtml

3211. RE: AW: [X1M_QRP-Transceiver] RE: Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 21:51:51 UTC
From: <andreas.fuehrmann@...>
Topic: 3197 Message: 3211

I can recommend this tuner, too. It´s much more robust than the ZM2, since it is built on a pcb.

73 Andy DC3AFA

---In X1M_QRP-Transceiver@{{emailDomain}}, <df2jp@...> wrote:

I´ve build this one for my X1M:

http://www.qrpproject.de/ZM4.html http://www.qrpproject.de/ZM4.html

Nice and easy to build, covers 10m – 160m.

73 Joe

3212. AW: [X1M_QRP-Transceiver] RE: Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 22:44:21 UTC
From: Joe
Topic: 3197 Message: 3212

I made an upload of a photo showing the combination X1M and ZM-4

73 Joe

Von: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] Im Auftrag von Joe
Gesendet: Freitag, 27. Dezember 2013 21:21
An: X1M_QRP-Transceiver@yahoogroups.com
Betreff: AW: [X1M_QRP-Transceiver] RE: Should I get a X1M?

I´ve build this one for my X1M:

http://www.qrpproject.de/ZM4.html

Nice and easy to build, covers 10m – 160m.

73 Joe

Von: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] Im Auftrag von lphebus@yahoo.com
Gesendet: Freitag, 27. Dezember 2013 19:29
An: X1M_QRP-Transceiver@yahoogroups.com
Betreff: [X1M_QRP-Transceiver] RE: Should I get a X1M?

I really like the Emtech tuner (kit). As it comes, all connections are in the front of the unit, but this would be easy to change. Check out the eham.net reviews...

http://emtech.steadynet.com/zm2.shtml

3213. What fun!

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 23:03:22 UTC
From: <petek@...>
Topic: 3213 Message: 3213

The X1M I had ordered some time ago finally arrived... right before the start of the Christmas season. Too busy spending traveling and with family to get the radio on the air other than some quick scanning of the bands.

This afternoon I erected a Buddipole tuned for the 20M band, listened around for awhile, and found a nice strong station. I waited for the stations to sign off and reached out with the X1M's blistering 4.5 watt signal.

Had a nice USB QSO with a fellow Ham nearly 1000 miles away. He was taken aback that I was using a radio about the size of a paperback book and transmitting less than 5 watts. Nice report of 5/6, 5/7 and great audio. What fun!

Next up... CW... just as soon as I've finished learning the code!

NUØD

3214. Bad day with the radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 23:25:32 UTC
From: <marcus.ward@...>
Topic: 3214 Message: 3214

I got one of the new batches of X1m with the intention of SOTA activations so after I got all my equipment squared away, batteries, a par end fedz antenna, etc, I tried to activate a local summit here in Colorado a couple of days ago. I was rushed so I didn't have time to really set things up right but I should have been okay. Couldn't make any contacts even self-spotting on sotawatch but I figured I must have just had something misconfigured.

Today I set up my antenna, radio, etc in the back yard in what I'd call ideal conditions. I called cq and tried to answer cqs off and on for 4 hours and couldn't reach anyone. I tried my regular dipole that's set up over my house and couldn't reach anyone. Finally, frustrated, I came inside and turned my FT-450D down to 5 watts and made a contact with one of the local hams immediately. He said he'd help me out trying to test this so I switched back to the x1m and he said he could barely hear me and that if he hadn't been expecting my call, he wouldn't have heard me, I was down in the noise really bad. I tried opening the mic up in case that was interfering with my voice getting to the electret element and he said I was still barely readable but my FT-450D with 5 watts was okay... so now I'm feeling pretty disappointed. The dipole I'm using I know has good swr across 20m so it's not an swr issue. Honestly, I'm at a loss. I couldn't make a single contact and now I'm worried the radio is not putting out it's full rated power or I'm overlooking something else important that I should be paying attention to. I don't have a wattmeter but I've emailed a couple of local hams who may be able to help there. I'm putting about 11.8v into the radio.

Anyone have any advice/pointers/things to check?

3215. Re: [X1M_QRP-Transceiver] Bad day with the radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 23:47:55 UTC
From: Dale Parfitt
Topic: 3214 Message: 3215

Every ham should have a wattmeter and VSWR meter. 11.8 is quite low for the rig- I believe most of us are running 13.2 or a bit higher. Get an accurate low power wattmeter (preferably PEP) and check your power out. It is likely you will need to adjust the mic gain pot.

Regards,

Dale W4OP
----- Original Message -----
From: marcus.ward@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, December 27, 2013 6:25 PM
Subject: [X1M_QRP-Transceiver] Bad day with the radio

I got one of the new batches of X1m with the intention of SOTA activations so after I got all my equipment squared away, batteries, a par end fedz antenna, etc, I tried to activate a local summit here in Colorado a couple of days ago. I was rushed so I didn't have time to really set things up right but I should have been okay. Couldn't make any contacts even self-spotting on sotawatch but I figured I must have just had something misconfigured.

Today I set up my antenna, radio, etc in the back yard in what I'd call ideal conditions. I called cq and tried to answer cqs off and on for 4 hours and couldn't reach anyone. I tried my regular dipole that's set up over my house and couldn't reach anyone. Finally, frustrated, I came inside and turned my FT-450D down to 5 watts and made a contact with one of the local hams immediately. He said he'd help me out trying to test this so I swit ched back to the x1m and he said he could barely hear me and that if he hadn't been expecting my call, he wouldn't have heard me, I was down in the noise really bad. I tried opening the mic up in case that was interfering with my voice getting to the electret element and he said I was still barely readable but my FT-450D with 5 watts was okay... so now I'm feeling pretty disappointed. The dipole I'm using I know has good swr across 20m so it's not an swr issue. Honestly, I'm at a loss. I couldn't make a single contact and now I'm worried the radio is not putting out it's full rated power or I'm overlooking something else important that I should be paying attention to. I don't have a wattmeter but I've emailed a couple of local hams who may be able to help there. I'm putting about 11.8v into the radio.

Anyone have any advice/pointers/things to check?

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6955 - Release Date: 12/27/13

3216. Re: [X1M_QRP-Transceiver] Bad day with the radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-27 23:54:41 UTC
From: Marcus Ward
Topic: 3214 Message: 3216

Hi Dale,

Do you have a suggestion on what wattmeter? Thanks for the feedback

M

On Fri, Dec 27, 2013 at 4:47 PM, Dale Parfitt <parinc1@frontier.com> wrote:

>
>
>
> Every ham should have a wattmeter and VSWR meter. 11.8 is quite low for
> the rig- I believe most of us are running 13.2 or a bit higher. Get an
> accurate low power wattmeter (preferably PEP) and check your power out. It
> is likely you will need to adjust the mic gain pot.
>
> Regards,
>
> Dale W4OP
>
> ----- Original Message -----
> *From:* marcus.ward@...
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> *Sent:* Friday, December 27, 2013 6:25 PM
> *Subject:* [X1M_QRP-Transceiver] Bad day with the radio
>
>
>
>
> I got one of the new batches of X1m with the intention of SOTA activations
> so after I got all my equipment squared away, batteries, a par end fedz
> antenna, etc, I tried to activate a local summit here in Colorado a couple
> of days ago. I was rushed so I didn't have time to really set things up
> right but I should have been okay. Couldn't make any contacts even
> self-spotting on sotawatch but I figured I must have just had something
> misconfigured.
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> ideal conditions. I called cq and tried to answer cqs off and on for 4
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> over my house and couldn't reach anyone. Finally, frustrated, I came
> inside and turned my FT-450D down to 5 watts and made a contact with one of
> the local hams immediately. He said he'd help me out trying to test this
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> if he hadn't been expecting my call, he wouldn't have heard me, I was down
> in the noise really bad. I tried opening the mic up in case that was

> interfering with my voice getting to the electret element and he said I was
> still barely readable but my FT-450D with 5 watts was okay... so now I'm
> feeling pretty disappointed. The dipole I'm using I know has good swr
> across 20m so it's not an swr issue. Honestly, I'm at a loss. I couldn't
> make a single contact and now I'm worried the radio is not putting out it's
> full rated power or I'm overlooking something else important that I should
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> of local hams who may be able to help there. I'm putting about 11.8v into
> the radio.
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> Anyone have any advice/pointers/things to check?
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> No virus found in this message.
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> Version: 2014.0.4259 / Virus Database: 3658/6955 - Release Date: 12/27/13
>
>
>

3217. Re: [X1M_QRP-Transceiver] Bad day with the radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 00:22:18 UTC
From: Charlie , W5COV
Topic: 3214 Message: 3217

Marcus, Yes a watt meter is needed and Dale is the right person to answer the question. You can for a quick and temporary test is to listen to the X1M on your other radio and CAREFULLY TWEAK the microphone gain control inside the top cover. Some have an EXTREMELY sharp and pronounced "sweet spot". Likely this will take care of your issue. Use a dummy load and be careful not to overload the front end on your other radio.

73, Charlie, W5COV

On 12/27/2013 5:54 PM, Marcus Ward wrote:
> Hi Dale,
>
> Do you have a suggestion on what wattmeter? Thanks for the feedback
>
> M
>
>
>
> On Fri, Dec 27, 2013 at 4:47 PM, Dale Parfitt <parinc1@...
> <mailto:parinc1@...>> wrote:
>
> Every ham should have a wattmeter and VSWR meter. 11.8 is quite
> low for the rig- I believe most of us are running 13.2 or a bit
> higher. Get an accurate low power wattmeter (preferably PEP) and
> check your power out. It is likely you will need to adjust the mic
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> Dale W4OP
>
> ----- Original Message -----
> *From:* marcus.ward@... <mailto:marcus.ward@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Friday, December 27, 2013 6:25 PM
> *Subject:* [X1M_QRP-Transceiver] Bad day with the radio
>
> I got one of the new batches of X1m with the intention of SOTA
> activations so after I got all my equipment squared away,
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> rushed so I didn't have time to really set things up right but
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> self-spotting on sotawatch but I figured I must have just had
> something misconfigured.
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> I'd call ideal conditions. I called cq and tried to answer
> cqs off and on for 4 hours and couldn't reach anyone. I tried
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> my FT-450D down to 5 watts and made a contact with one of the
> local hams immediately. He said he'd help me out trying to
> test this so I swit ched back to the x1m and he said he could
> barely hear me and that if he hadn't been expecting my call,
> he wouldn't have heard me, I was down in the noise really bad.
> I tried opening the mic up in case that was interfering with
> my voice getting to the electret element and he said I was
> still barely readable but my FT-450D with 5 watts was okay...
> so now I'm feeling pretty disappointed. The dipole I'm using
> I know has good swr across 20m so it's not an swr issue.
> Honestly, I'm at a loss. I couldn't make a single contact
> and now I'm worried the radio is not putting out it's full
> rated power or I'm overlooking something else important that I
> should be paying attention to. I don't have a wattmeter but
> I've emailed a couple of local hams who may be able to help
> there. I'm putting about 11.8v into the radio.
>
> Anyone have any advice/pointers/things to check?
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> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6955 - Release
> Date: 12/27/13
>
>
>

3218. Re: [X1M_QRP-Transceiver] Bad day with the radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 00:28:06 UTC
From: Marcus Ward
Topic: 3214 Message: 3218

Hi Charlie,

I listened to the X1m running off the end fedz with my FT450d and it sounded fine. I don't know if more gain would have helped but I guess I should play with it. I'm seeing about a wattmeter.

Can I run this radio off 14.8v or do I need to keep it under 14? I'm trying to find the right batteries. I've got 2 3s lipo batteries but I guess they're not providing enough voltage. Nominal voltage is 11.1 but they charge up to around 12.5 so that's where they are when I start using them. They dropped to about 11.8 while messing about today.

Thanks,
M

On Fri, Dec 27, 2013 at 5:22 PM, Charlie , W5COV <cvest@...> wrote:

>
>
> Marcus, Yes a watt meter is needed and Dale is the right person to answer
> the question. You can for a quick and temporary test is to listen to the
> X1M on your other radio and CAREFULLY TWEAK the microphone gain control
> inside the top cover. Some have an EXTREMELY sharp and pronounced "sweet
> spot". Likely this will take care of your issue. Use a dummy load and be
> careful not to overload the front end on your other radio.
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> 73, Charlie, W5COV
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>> the rig- I believe most of us are running 13.2 or a bit higher. Get an

>> accurate low power wattmeter (preferably PEP) and check your power out. It
>> is likely you will need to adjust the mic gain pot.
>>
>> Regards,
>>
>> Dale W4OP
>>
>> ----- Original Message -----
>> *From:* marcus.ward@...
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> *Sent:* Friday, December 27, 2013 6:25 PM
>> *Subject:* [X1M_QRP-Transceiver] Bad day with the radio
>>
>>
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>> I got one of the new batches of X1m with the intention of SOTA
>> activations so after I got all my equipment squared away, batteries, a par
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>> interfering with my voice getting to the electret element and he said I was
>> still barely readable but my FT-450D with 5 watts was okay... so now I'm
>> feeling pretty disappointed. The dipole I'm using I know has good swr
>> across 20m so it's not an swr issue. Honestly, I'm at a loss. I couldn't
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>

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>

3219. Re: [X1M_QRP-Transceiver] Bad day with the radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 00:45:42 UTC
From: Charlie , W5COV
Topic: 3214 Message: 3219

Marcus, I would not recommend going over 14 volts with it. One reason, the radio runs pretty warm anyway.

There are a lot of wal warts out there for computers these days that will handle the 2 amps required. I am running mine off of an old Motorola linear wal wart that was part of a 12 volt rack charging station, and it handles the radio very well.

Is it is a battery voltage 14.8 volts that you are talking about in the field ? There are quite a few options to drop and or regulate the voltage if you need to. I won't say the radio wouldn't handle the 14.8 volts, but I just do not think it is a good idea with this particular radio.

Charlie

On 12/27/2013 6:28 PM, Marcus Ward wrote:
> Hi Charlie,
>
> I listened to the X1m running off the end fedz with my FT450d and it
> sounded fine. I don't know if more gain would have helped but I guess
> I should play with it. I'm seeing about a wattmeter.
>
> Can I run this radio off 14.8v or do I need to keep it under 14? I'm
> trying to find the right batteries. I've got 2 3s lipo batteries but
> I guess they're not providing enough voltage. Nominal voltage is 11.1
> but they charge up to around 12.5 so that's where they are when I
> start using them. They dropped to about 11.8 while messing about today.
>
> Thanks,
> M
>
>
>
> On Fri, Dec 27, 2013 at 5:22 PM, Charlie , W5COV <cvest@...
> <mailto:cvest@...>> wrote:
>
> Marcus, Yes a watt meter is needed and Dale is the right person to
> answer the question. You can for a quick and temporary test is to
> listen to the X1M on your other radio and CAREFULLY TWEAK the
> microphone gain control inside the top cover. Some have an
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> care of your issue. Use a dummy load and be careful not to
> overload the front end on your other radio.
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> On 12/27/2013 5:54 PM, Marcus Ward wrote:
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>> quite low for the rig- I believe most of us are running 13.2
>> or a bit higher. Get an accurate low power wattmeter
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>> will need to adjust the mic gain pot.
>> Regards,
>> Dale W4OP
>>
>> ----- Original Message -----
>> *From:* marcus.ward@... <mailto:marcus.ward@...>
>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>> *Sent:* Friday, December 27, 2013 6:25 PM
>> *Subject:* [X1M_QRP-Transceiver] Bad day with the radio
>>
>> I got one of the new batches of X1m with the intention of
>> SOTA activations so after I got all my equipment squared
>> away, batteries, a par end fedz antenna, etc, I tried to
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>> things up right but I should have been okay. Couldn't
>> make any contacts even self-spotting on sotawatch but I
>> figured I must have just had something misconfigured.
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>> what I'd call ideal conditions. I called cq and tried to
>> answer cqs off and on for 4 hours and couldn't reach
>> anyone. I tried my regular dipole that's set up over my
>> house and couldn't reach anyone. Finally, frustrated, I
>> came inside and turned my FT-450D down to 5 watts and
>> made a contact with one of the local hams immediately.
>> He said he'd help me out trying to test this so I swit
>> ched back to the x1m and he said he could barely hear me
>> and that if he hadn't been expecting my call, he wouldn't
>> have heard me, I was down in the noise really bad. I

>> tried opening the mic up in case that was interfering
>> with my voice getting to the electret element and he said
>> I was still barely readable but my FT-450D with 5 watts
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>> dipole I'm using I know has good swr across 20m so it's
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>

3220. Re: [X1M_QRP-Transceiver] Bad day with the radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 01:02:27 UTC
From: Marcus Ward
Topic: 3214 Message: 3220

I can get LiFePo batteries that float at 13.2 volts. I guess that's how I'll go and I'll sell these LiPo batteries on craigslist or something. Thanks for the input. I've never used a radio where every volt and tiny bit of swr, gain, etc, mattered. I've always had 100+ watts to play with so this is all new territory for me.

Thanks again,

M

On Fri, Dec 27, 2013 at 5:45 PM, Charlie , W5COV <cvest@...> wrote:

>
>
> Marcus, I would not recommend going over 14 volts with it. One reason, the
> radio runs pretty warm anyway.
>
> There are a lot of wal warts out there for computers these days that will
> handle the 2 amps required. I am running mine off of an old Motorola linear
> wal wart that was part of a 12 volt rack charging station, and it handles
> the radio very well.
>
> Is it is a battery voltage 14.8 volts that you are talking about in the
> field ? There are quite a few options to drop and or regulate the voltage
> if you need to. I won't say the radio wouldn't handle the 14.8 volts, but I
> just do not think it is a good idea with this particular radio.
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> Charlie
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> On 12/27/2013 6:28 PM, Marcus Ward wrote:
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> Hi Charlie,
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> I listened to the X1m running off the end fedz with my FT450d and it
> sounded fine. I don't know if more gain would have helped but I guess I
> should play with it. I'm seeing about a wattmeter.
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> Can I run this radio off 14.8v or do I need to keep it under 14? I'm
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> they charge up to around 12.5 so that's where they are when I start using
> them. They dropped to about 11.8 while messing about today.
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> Thanks,
> M
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> On Fri, Dec 27, 2013 at 5:22 PM, Charlie , W5COV <cvest@...> wrote:
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>> Marcus, Yes a watt meter is needed and Dale is the right person to answer
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>>> ----- Original Message -----
>>> *From:* marcus.ward@...
>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>> *Sent:* Friday, December 27, 2013 6:25 PM
>>> *Subject:* [X1M_QRP-Transceiver] Bad day with the radio
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>>>
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3221. Re: [X1M_QRP-Transceiver] Bad day with the radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 01:05:37 UTC
From: Charlie , W5COV
Topic: 3214 Message: 3221

I may not have been as clear as I should have been. Although it was a 12 volt charging station the wal wart actually puts out 13.2 volts DC .

Charlie , W5COV

On 12/27/2013 6:45 PM, Charlie , W5COV wrote:
>
> Marcus, I would not recommend going over 14 volts with it. One reason,
> the radio runs pretty warm anyway.
>
> There are a lot of wal warts out there for computers these days that
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>>> *From:* marcus.ward@...
>>> <mailto:marcus.ward@...>
>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
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>>> I got one of the new batches of X1m with the intention
>>> of SOTA activations so after I got all my equipment
>>> squared away, batteries, a par end fedz antenna, etc, I
>>> tried to activate a local summit here in Colorado a
>>> couple of days ago. I was rushed so I didn't have time
>>> to really set things up right but I should have been
>>> okay. Couldn't make any contacts even self-spotting on
>>> sotawatch but I figured I must have just had something
>>> misconfigured.

>>>
>>>
>>> Today I set up my antenna, radio, etc in the back yard
>>> in what I'd call ideal conditions. I called cq and
>>> tried to answer cqs off and on for 4 hours and couldn't
>>> reach anyone. I tried my regular dipole that's set up
>>> over my house and couldn't reach anyone. Finally,
>>> frustrated, I came inside and turned my FT-450D down to
>>> 5 watts and made a contact with one of the local hams
>>> immediately. He said he'd help me out trying to test
>>> this so I swit ched back to the x1m and he said he could
>>> barely hear me and that if he hadn't been expecting my
>>> call, he wouldn't have heard me, I was down in the noise
>>> really bad. I tried opening the mic up in case that was
>>> interfering with my voice getting to the electret
>>> element and he said I was still barely readable but my
>>> FT-450D with 5 watts was okay... so now I'm feeling
>>> pretty disappointed. The dipole I'm using I know has
>>> good swr across 20m so it's not an swr issue. Honestly,
>>> I'm at a loss. I couldn't make a single contact and now
>>> I'm worried the radio is not putting out it's full rated
>>> power or I'm overlooking something else important that I
>>> should be paying attention to. I don't have a wattmeter
>>> but I've emailed a couple of local hams who may be able
>>> to help there. I'm putting about 11.8v into the radio.
>>>
>>> Anyone have any advice/pointers/things to check?
>>>
>>> No virus found in this message.
>>> Checked by AVG - www.avg.com <http://www.avg.com>
>>> Version: 2014.0.4259 / Virus Database: 3658/6955 -
>>> Release Date: 12/27/13
>>>
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>

3222. Re: [X1M_QRP-Transceiver] Bad day with the radio

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 01:33:52 UTC
From: Charlie , W5COV
Topic: 3214 Message: 3222

The radio is not as critical as perhaps I made it sound. QRP and portable are all about those little things. I believe the final transistor is rated up to 20:1 SWR, the regulators could likely handle even 14.8 volts input. The gain is ALWAYS important for peak to peak and average power using SSB QRP , no matter the radio.

QRP once you try it and see just how much success you can have with QRP , you will see where you want to save every microamp of draw from the batteries , especially if you are carrying your equipment. You want the most efficient antenna possible to transfer every microwatt into ERP. Battery field life, weight, antennas, become even more important in the field.

The radio is plenty rugged enough for any QRP work, we are just passing along years of experience in being just as successful on QRP as you are on QRO.

In fact the vast majority of the guys on here are using their rigs as their rig in the shack.I use the same antennas ,tuner, power supply, etc. in the shack for all of my radios. But I don't have to be concerned with the amount of time I can stay in the field or if I have the best most lightweight antenna possible. My X1M is replacing a Yaesu FT-707S TRUE QRP model and I treat them both the same. The FT-707S is just a bit heavy to be dragging out to where I would run battery power.

When on VERY rare occasions I go to the field today using QRP, I want to work as many stations as possible and be able to have plenty of battery to last as long as I want to operate.

Charlie, W5COV

On 12/27/2013 7:02 PM, Marcus Ward wrote:
> I can get LiFePo batteries that float at 13.2 volts. I guess that's
> how I'll go and I'll sell these LiPo batteries on craigslist or
> something. Thanks for the input. I've never used a radio where every
> volt and tiny bit of swr, gain, etc, mattered. I've always had 100+
> watts to play with so this is all new territory for me.
>
> Thanks again,
>
> M
>
>
>
> On Fri, Dec 27, 2013 at 5:45 PM, Charlie , W5COV <cvest@...
> <mailto:cvest@...>> wrote:

>
> Marcus, I would not recommend going over 14 volts with it. One
> reason, the radio runs pretty warm anyway.
>
> There are a lot of wal warts out there for computers these days
> that will handle the 2 amps required. I am running mine off of an
> old Motorola linear wal wart that was part of a 12 volt rack
> charging station, and it handles the radio very well.
>
> Is it is a battery voltage 14.8 volts that you are talking about
> in the field ? There are quite a few options to drop and or
> regulate the voltage if you need to. I won't say the radio
> wouldn't handle the 14.8 volts, but I just do not think it is a
> good idea with this particular radio.
>
> Charlie
>
>
>
>
> On 12/27/2013 6:28 PM, Marcus Ward wrote:
>> Hi Charlie,
>>
>> I listened to the X1m running off the end fedz with my FT450d and
>> it sounded fine. I don't know if more gain would have helped but
>> I guess I should play with it. I'm seeing about a wattmeter.
>>
>> Can I run this radio off 14.8v or do I need to keep it under 14?
>> I'm trying to find the right batteries. I've got 2 3s lipo
>> batteries but I guess they're not providing enough voltage.
>> Nominal voltage is 11.1 but they charge up to around 12.5 so
>> that's where they are when I start using them. They dropped to
>> about 11.8 while messing about today.
>>
>> Thanks,
>> M
>>
>>
>>
>> On Fri, Dec 27, 2013 at 5:22 PM, Charlie , W5COV <cvest@...
>> <mailto:cvest@...>> wrote:
>>
>> Marcus, Yes a watt meter is needed and Dale is the right
>> person to answer the question. You can for a quick and
>> temporary test is to listen to the X1M on your other radio
>> and CAREFULLY TWEAK the microphone gain control inside the
>> top cover. Some have an EXTREMELY sharp and pronounced "sweet
>> spot". Likely this will take care of your issue. Use a dummy
>> load and be careful not to overload the front end on your
>> other radio.

>>
>> 73, Charlie, W5COV
>>
>>
>>
>> On 12/27/2013 5:54 PM, Marcus Ward wrote:
>>> Hi Dale,
>>>
>>> Do you have a suggestion on what wattmeter? Thanks for the
>>> feedback
>>>
>>> M
>>>
>>>
>>>
>>> On Fri, Dec 27, 2013 at 4:47 PM, Dale Parfitt
>>> <parinc1@... <mailto:parinc1@...>> wrote:
>>>
>>> Every ham should have a wattmeter and VSWR meter. 11.8
>>> is quite low for the rig- I believe most of us are
>>> running 13.2 or a bit higher. Get an accurate low power
>>> wattmeter (preferably PEP) and check your power out. It
>>> is likely you will need to adjust the mic gain pot.
>>> Regards,
>>> Dale W4OP
>>>
>>> ----- Original Message -----
>>> *From:* marcus.ward@...
>>> <mailto:marcus.ward@...>
>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>>> *Sent:* Friday, December 27, 2013 6:25 PM
>>> *Subject:* [X1M_QRP-Transceiver] Bad day with the radio
>>>
>>> I got one of the new batches of X1m with the
>>> intention of SOTA activations so after I got all my
>>> equipment squared away, batteries, a par end fedz
>>> antenna, etc, I tried to activate a local summit
>>> here in Colorado a couple of days ago. I was rushed
>>> so I didn't have time to really set things up right
>>> but I should have been okay. Couldn't make any
>>> contacts even self-spotting on sotawatch but I
>>> figured I must have just had something misconfigured.
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>>> yard in what I'd call ideal conditions. I called cq
>>> and tried to answer cqs off and on for 4 hours and
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>>> that's set up over my house and couldn't reach

>>> anyone. Finally, frustrated, I came inside and
>>> turned my FT-450D down to 5 watts and made a contact
>>> with one of the local hams immediately. He said
>>> he'd help me out trying to test this so I swit ched
>>> back to the x1m and he said he could barely hear me
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>>> was interfering with my voice getting to the
>>> electret element and he said I was still barely
>>> readable but my FT-450D with 5 watts was okay... so
>>> now I'm feeling pretty disappointed. The dipole I'm
>>> using I know has good swr across 20m so it's not an
>>> swr issue. Honestly, I'm at a loss. I couldn't
>>> make a single contact and now I'm worried the radio
>>> is not putting out it's full rated power or I'm
>>> overlooking something else important that I should
>>> be paying attention to. I don't have a wattmeter
>>> but I've emailed a couple of local hams who may be
>>> able to help there. I'm putting about 11.8v into
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>>>
>>> Anyone have any advice/pointers/things to check?
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>>> Release Date: 12/27/13
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3223. RE: Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 01:51:01 UTC
From: <captpaul1@...>
Topic: 3197 Message: 3223

I've got a (stupid) question regarding tuners, how do you tune a tuner without an SWR meter? I noticed almost all the smaller, cheaper tuners don't have meters. How do you use them?

Right now I'm debating whether to just get a 20m ham stick antenna and the smallest SWR meter I can find, or use the backstay antenna and one of the tuners suggested here. I've had very good success with ham sticks on boats in the past, but suspect that backstay might work even better.

3224. RE: Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 02:12:09 UTC
From: <caulktel@...>
Topic: 3197 Message: 3224

Paul,

Most of the tuners without meters have a LED in them that you tune until it goes out or a dim as you can get it. I find they work very good. I have tuned my little SOTA tuner that I purchased from Hendricks kits until the LED was out or dim and then checked against a accurate SWR meter and fount it to be right on. Sure is nice not to have it drag another piece of equipment on the trail.

Joel
KB6QVI

3225. JUST GOT THE RIG LAST NIGHT.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 02:22:32 UTC
From: wa1svs@sbcglobal.net
Topic: 3225 Message: 3225

ALL I CAN SAY AT THIS POINT IS WOW! I HAVE TO WORK FOR THE NEXT COUPLE OF DAYS AND HAVE NOT USED IT YET EXCEPT TO PLUG IT IN AND LISTEN. IT WORKED LIKE A DREAM. I DID MAKE A TEST TRANSMISSION AND IT WORKED GREAT.
EVEN MY WIFE WAS EMPRESSED WITH IT...AND SHE IS NOT A HAM, BUT SHE IS MY SWEET POTATO. ILL GIVE YOU MORE AS I GET A REAL CHANCE TO PLAY WITH THIS NEW TOY.
73 CARL WA1SVS

3226. Hello gang

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 02:27:10 UTC
From: Fred VE3FAL
Topic: 3226 Message: 3226

Just want to wish everyone a safe, healthy and prosperous New Year and have fun with your new X1M if you have it or waiting for it to arrive.

Thanks to Ed, Dale, Charlie, Paul and a handful of others out there for their support and ongoing question and answer periods from new folks who join this list.

I am awaiting the new face plate for my original X1M and getting it up to Platinum status.

Bands tonight (Friday night eastern, Saturday z) are the pits.40 meters has very heavy QSB.

Last night down to -28c with windchill and tonight sitting at -2c and nice evening.

All the best in 2014 to all.

Fred

VE3FAL

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

3227. Of Tuner LEDs and Meters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 04:28:45 UTC
From: <pal350@...>
Topic: 3227 Message: 3227

For those who prefer wiggling meters to LEDs in their tuners,something occurred to me. The LEDs on the BLT, ZM-2, and other similar tuners is driven by RF rectified by (usually) a common small-signal diode.in series with a resistor around 1K. You could substitute a meter for the LED and boost the resistor to whatever value would keep the meter from pranging when the tuner is way off-resonance. Then you would tune for minimum meter reading.

Or you could connect the meter across the LED and have both. I like the LED because you can see it at night and it's pretty much the simplest possible indicator.

The N7VE LED SWR Indicator/Bridge circuit is one of those amazingly useful, yet elegant and simple circuits that comes along once in a great while and makes you bop yourself up-side your head and ask, "Why didn't I think of that?" Eight components for a combined dummy load and SWR indicator.

When the LED goes out, you know by definition you are delivering maximum energy to the antenna.

BTW, when the tuner is tuned to resonance but the bridge is left in the circuit (by leaving the TUNE-OPERATE switch in the TUNE position) , the power is reduced by a factor of four. So the X1M's 5W would be reduced to 1.25W. If you have your FT-817 all the way down at 0.5W, you could knock it down to 125mW.

This might come in handy when conditions get really good and you get embroiled in one of those "how low can we go" contests.

--Mark
KI0PF

3228. Re: [X1M_QRP-Transceiver] Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 04:38:32 UTC
From: mstangelo@...
Topic: 3197 Message: 3228

Paul,

While he X1M is a fine rudimentary rig for the money it is still a work in progress. It does not have AGC.

I'd recommend getting a rig from the more established vendors like ICOM (IC-718, IC-7200) or Yaesu (FT-857, FT-897).

I like the IC-7200 form cruising because the heat sink fan is external to the electronics so there is less of a chance of salt-spray corossion to the electronic components.

Mike N2MS

----- Original Message -----
From: captpaul1@...
To: X1M QRP-Transceiver <X1M_QRP-Transceiver@yahoogroups.com>
Sent: Fri, 27 Dec 2013 15:27:18 -0000 (UTC)
Subject: [X1M_QRP-Transceiver] Should I get a X1M?

Hi,
The XYL and I live on a boat which we cruise the US West Coast on. I was semi active as a Ham and SWL'er years back and then quit a dozen years ago. I was looking for a cheap, portable SWL radio (to connect to my lap top) to use for weatherfax. I'd also like to get a cheap HF xcvr to play with (mostly 20 meters). So I thought I might just get an MFJ 9420. Long story short, did some web searching and found the X1M, which I hope will give me (almost) everything I'm looking for: all band receiver for weatherfax and 20m QRP xcvr.

3229. Re: [X1M_QRP-Transceiver] Of Tuner LEDs and Meters

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 04:41:43 UTC
From: Dale Parfitt
Topic: 3227 Message: 3229

That VSWR circuit was first published in the ARRL Handbook in the 1960's. It is nothing more than a Wheatstone bridge which goes back to the mid 19th century.. At balance no current flows through the detector. Back then we used either grain of wheat incandescent lamps or a tiny meter (I still have some of the meters- commonly used as battery level indicators in high end transistor radios of the era). So what N7VE added was the LED as the indicator.
So, nothing really new. If built out of SMD resistors on 50 Ohm microstrip, they are usable into the low GHz range.

Dale W4OP

----- Original Message -----
From: pal350@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Friday, December 27, 2013 11:28 PM
Subject: [X1M_QRP-Transceiver] Of Tuner LEDs and Meters

For those who prefer wiggling meters to LEDs in their tuners,something occurred to me. The LEDs on the BLT, ZM-2, and other similar tuners is driven by RF rectified by (usually) a common small-signal diode.in series with a resistor around 1K. You could substitute a meter for the LED and boost the resistor to whatever value would keep the meter from pranging when the tuner is way off-resonance. Then you would tune for minimum meter reading.

Or you could connect the meter across the LED and have both. I like the LED because you can see it at night and it's pretty much the simplest possible indicator.

The N7VE LED SWR Indicator/Bridge circuit is one of those amazingly useful, yet elegant and simple circuits that comes along once in a great while and makes you bop yourself up-side your head and ask, "Why didn't I think of that?" Eight components for a combined dummy load and S WR indicator.

When the LED goes out, you know by definition you are delivering maximum energy to the antenna.

BTW, when the tuner is tuned to resonance but the bridge is left in the circuit (by leaving the TUNE-OPERATE switch in the TUNE position) , the power is reduced by a factor of four. So the X1M's 5W would be reduced to 1.25W. If you have your FT-817 all the way down at 0.5W, you could knock it down to 125mW.

This might come in handy when conditions get really good and you get embroiled in one of those "how low can we go" contests.

--Mark
KI0PF

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6955 - Release Date: 12/27/13

3230. RE: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 05:28:12 UTC
From: Ian Coots
Topic: 3041 Message: 3230
Attachments: 1 described; binary payloads are missing from this source WARC

Hello all,

Is there any way a complete novice with virtually no equipment (a multimeter, a CRO and a home brew grid dip oscillator) can generate and measure a 50µV signal to get an approximate one point calibration for ken□s S Meter, or will it require me to visit my local radio Tech to get it done?

I thought of hooking another Tx into my antenna , tuning to a reasonably stable signal, and using the reading from that to set the same value on Ken□s S Meter, but I sold my other HF radio to pay for the X1M and I can□t think of any other way to produce a 50µV signal.

de Ian VK3YIC

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ken fest
Sent: Saturday, 21 December 2013 2:21 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] S Meter scale

Dale,
I tried to calibrate the S meter using my HP signal generator. I used 100uv for S9 in my unit. I used USB on the radio and AM on the generator. I had to tune the radio off frequency and listen for the loudest AM squeal. I then adjusted the S meter for 100uv at S9. I tried other ways to calibrate but tuning the AM off frequency seemed to correspond to strong SSB reception. 50uv for S9 and 100uv for S9 are both standards still used today. The 100uv setting appeared to work better for the X1M.
Please keep in mind that this is audio derived AGC and the S readings and can best be described as "approximate" .
Ken N2LZV

On Fri, 12/20/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 20, 2013, 9:43 AM

Hi Ian,
I am not sure if Ken has
done any absolute
measurements. Few S meters are accurate- the Elecraft K3 and
the Adat 200A come
to mind that can be calibrated in dB or dBmV. Most meters

are simply relative
field strength.

Dale W4OP

----- Original Message -----

From:
Ian Coots

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
December 20, 2013 12:52
AM
Subject:
[X1M_QRP-Transceiver] S Meter
scale

Hello,

I have uploaded a pdf
into the files section of a printable
scale for an S-Meter.

It is sized to suit the
common (in Australia) µA
panel meters that are 58mm wide x 52mm high, but can
be printed to suit
any sized meter using the % enlarge/reduce function of
most
printers.

I took the scaling from
information from the ever reliable
Wikipedia so hopefully it will be correct. Just
print it to a label and
stick it to the face of your meter after checking the
edges of the scale match
the edges of the scale on the meter.

Regards,

Ian Coots VK3YIC

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6935 - Release Date:
12/19/13

3231. RE: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 05:36:51 UTC
From: ken fest
Topic: 3041 Message: 3231

Ian,
I'll have to thing a while on how you can easily generate a calibration signal (if possible). Let me point out that from my experiments with this audio derived agc/S meter, 50uv was way to small a value. I ended up using 100uv from my generator. Maybe someone else can suggest a reason for this but at 50uv the meter seemed way too sensitive.
Ken N2LZV

On Sat, 12/28/13, Ian Coots <ianrob@....au> wrote:

Subject: RE: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Saturday, December 28, 2013, 12:28 AM

Hello all, Is there any way a complete
novice with virtually no equipment (a multimeter, a CRO and
a home brew grid dip oscillator) can generate and measure a
50µV signal to get an approximate one point calibration for
ken's S Meter, or will it require me to visit my
local radio Tech to get it done? I thought of hooking another Tx
into my antenna , tuning to a reasonably stable signal,
and using the reading from that to set the same value on
Ken's S Meter, but I sold my other HF radio to pay for
the X1M and I can't think of any other way to
produce a 50µV signal. de Ian VK3YIC   From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of
ken fest
Sent: Saturday, 21 December 2013 2:21 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] S Meter
scale   Dale,
I tried to calibrate the S meter using my HP signal
generator. I used 100uv for S9 in my unit. I used USB on the
radio and AM on the generator. I had to tune the radio off
frequency and listen for the loudest AM squeal. I then
adjusted the S meter for 100uv at S9. I tried other ways to
calibrate but tuning the AM off frequency seemed to
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50uv for S9 and 100uv for S9 are both standards still used
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measurements. Few S meters are accurate- the Elecraft K3
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are simply relative
field strength.

Dale W4OP

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Sent: Friday,
December 20, 2013 12:52
AM
Subject:
[X1M_QRP-Transceiver] S Meter
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Hello,

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Wikipedia so hopefully it will be correct. Just
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Ian Coots VK3YIC

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3232. RE: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 06:01:45 UTC
From: ken fest
Topic: 3041 Message: 3232

Ian,
The more I think about this the harder it gets. Keep in mind your calibration signal needs to be modulated for the agc board to generate a dc voltage.
Since your email I have been fooling around with a small Radio Shack AM transistor radio. I attached a 6 inch whip to the X1M & tuned it to 2.1mhz on USB. I then tuned the am radio until a loud squeal was heard from the X1M. I was able to generate a signal from the am radio oscillator but it pinned the meter. I was going to use a measured distance from the X1M to reduce the carrier until S9 was shown on the meter. But logic stopped me because this method just has too many variables.
Sorry I am not much help here.
Ken N2LZV

On Sat, 12/28/13, Ian Coots <ianrob@...> wrote:

Subject: RE: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Saturday, December 28, 2013, 12:28 AM

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into my antenna , tuning to a reasonably stable signal,
and using the reading from that to set the same value on
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"approximate" .
Ken N2LZV

On Fri, 12/20/13, Dale Parfitt <parinc1@...>
wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Friday, December 20, 2013, 9:43 AM

Hi Ian,
I am not sure if Ken has
done any absolute
measurements. Few S meters are accurate- the Elecraft K3
and
the Adat 200A come
to mind that can be calibrated in dB or dBmV. Most meters
are simply relative
field strength.

Dale W4OP

----- Original Message -----

From:
Ian Coots

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Friday,
December 20, 2013 12:52
AM
Subject:
[X1M_QRP-Transceiver] S Meter
scale

Hello,

I have uploaded a pdf
into the files section of a printable
scale for an S-Meter.

It is sized to suit the
common (in Australia) µA
panel meters that are 58mm wide x 52mm high, but can
be printed to suit
any sized meter using the % enlarge/reduce function of
most
printers.

I took the scaling from
information from the ever reliable
Wikipedia so hopefully it will be correct. Just
print it to a label and
stick it to the face of your meter after checking the
edges of the scale match
the edges of the scale on the meter.

Regards,

Ian Coots VK3YIC

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6935 - Release Date:
12/19/13

3233. RE: Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 10:13:35 UTC
From: <captpaul1@...>
Topic: 3197 Message: 3233

Tnx Joel.

@Mike - If I had the money (or rather, if I had the OK fm the XYL) I'd get an IC 706 MKII or the IC 718. Had a 706 on my last boat and with just Ham Sticks it did everything I could ask of it. This time around, what I really need is just a simple SWL receiver for weatherfax, but what I'm doing is stretching the budget a tad to get myself an inexpensive xcvr instead.

3234. calibration signal source

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 14:09:46 UTC
From: Tim W4YN
Topic: 3234 Message: 3234

One inexpensive tool to have on bench is a signal generator calibrated for S9 and S1 on several bands. Over the years many QRP groups have offered kits and I believe Elecraft has commercial version. I have Ruling Pig, Steve Weber and maybe a few other versions on bench. This with a simple rf voltage sniffer are some of my goto tools on bench. Do Google search and you may still be able to find an inexpensive kit. One of mine has crystal controlled oscillators tuned for QRP cw frequency on 4 bands, I believe it was a flying pigs 4 days in may project kit.
I am away from home so I cannot get to bench for more details.
The third inexpensive tool is a simple frequency meter with LCD display this was also a 4 days in may project kit.
Tim w4yn

3235. RE: [X1M_QRP-Transceiver] RE: Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 14:50:48 UTC
From: Michael St. Angelo
Topic: 3197 Message: 3235

Understood.

Have you considered a used rig? When ICOM discontinued the IC-703 HF QRP (not the IC-703+ HF plus 6m). They were selling new for around $350 dollars. You may find a good deal on a IC-703.

I had a IC-706 MK11 and like it but the receive current consumption was high, greater than 1 amp. That is why I got a Yaesu FT-897 which has half the receive current consumption of the IC-706.

You may also get a good deal on the Yaesu Ft-817 QRP radio but keep in mind the VHF band stops at 154 Mhz so it will not cover the 156-157 VHF Marine band.

73,

Mike N2MS

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of captpaul1@...
Sent: Saturday, December 28, 2013 5:14 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Should I get a X1M?

Tnx Joel.

@Mike - If I had the money (or rather, if I had the OK fm the XYL) I'd get an IC 706 MKII or the IC 718. Had a 706 on my last boat and with just Ham Sticks it did everything I could ask of it. This time around, what I really need is just a simple SWL receiver for weatherfax, but what I'm doing is stretching the budget a tad to get myself an inexpensive xcvr instead.

3236. RE: [X1M_QRP-Transceiver] RE: Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 15:28:34 UTC
From: Michael St. Angelo
Topic: 3197 Message: 3236

Sorry for the off topic response. I meant to send this information directly to Paul…

Mike N2MS

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Michael St. Angelo
Sent: Saturday, December 28, 2013 9:51 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] RE: Should I get a X1M?

Understood.

Have you considered a used rig? When ICOM discontinued the IC-703 HF QRP (not the IC-703+ HF plus 6m). They were selling new for around $350 dollars. You may find a good deal on a IC-703.

I had a IC-706 MK11 and like it but the receive current consumption was high, greater than 1 amp. That is why I got a Yaesu FT-897 which has half the receive current consumption of the IC-706.

You may also get a good deal on the Yaesu Ft-817 QRP radio but keep in mind the VHF band stops at 154 Mhz so it will not cover the 156-157 VHF Marine band.

73,

Mike N2MS

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of captpaul1@...
Sent: Saturday, December 28, 2013 5:14 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: [X1M_QRP-Transceiver] RE: Should I get a X1M?

Tnx Joel.

@Mike - If I had the money (or rather, if I had the OK fm the XYL) I'd get an IC 706 MKII or the IC 718. Had a 706 on my last boat and with just Ham Sticks it did everything I could ask of it. This time around, what I really need is just a simple SWL receiver for weatherfax, but what I'm doing is stretching the budget a tad to get myself an inexpensive xcvr instead.

3237. Homebrew S meter calibration source

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 15:38:50 UTC
From: <disklog@...>
Topic: 3237 Message: 3237

This morning I came up with an idea for a simple calibration source for the s meter. I have a Fox brand crystal oscillator on 15.0mhz. As many know these are tiny metal cans with a crystal and oscillator components built in. Just add 5v and ground and it generates a nice 15mhz signal.
My thought it to put this on a perfboard with sufficient attenuation to output an S9 signal. Built into a metal box it may do the job we need.
This could be a community signal source which could be returned to me when calibration is completed.
The device would be very small and light to allow cheap shipping worldwide.
Any thoughts on this idea?
Ken N2LZV

3238. RE: [X1M_QRP-Transceiver] RE: Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 16:46:22 UTC
From: <email4utoo@...>
Topic: 3197 Message: 3238

i agree with Mike A. , look for a good used one, Eham.net, Ebay, even Cragislist, (avoid scammers), Everyone else chime in on sources to help this Sailor . Look up reviews on Eham.net and other sites, there are good ones at decent prices this time of the year, bills mount up etc . for all of us . Good luck and enjoy , AJ

3239. Re: [X1M_QRP-Transceiver] Homebrew S meter calibration source

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 17:24:57 UTC
From: Charlie , W5COV
Topic: 3237 Message: 3239

Ken, I have several of those canned oscillators for different frequencies. I KNOW I have enough 50 MHz. ones to supply for free probably everyone that would want one and perhaps use a 4060 or some other counter to do some dividing. I'll try to check my supply and frequencies today and send it to you. They wouldn't all be calibrated to the same standard, like your idea, but perhaps it will add to the projects that they can build and then calibrate their own personal oscillator from your master .

Just a thought. I do get some surplus parts in quantity and others I just have a supply of for building. But if anyone ever does need a part even some obscure ones I might have a spare, at no cost. The 50 MHz. modules are an example of some I have in quantity.

Charlie, W5COV

On 12/28/2013 9:38 AM, disklog@... wrote:
>
> This morning I came up with an idea for a simple calibration source
> for the s meter. I have a Fox brand crystal oscillator on 15.0mhz. As
> many know these are tiny metal cans with a crystal and oscillator
> components built in. Just add 5v and ground and it generates a nice
> 15mhz signal.
> My thought it to put this on a perfboard with sufficient attenuation
> to output an S9 signal. Built into a metal box it may do the job we need.
> This could be a community signal source which could be returned to me
> when calibration is completed.
> The device would be very small and light to allow cheap shipping
> worldwide.
> Any thoughts on this idea?
> Ken N2LZV
>
>

3240. Re: [X1M_QRP-Transceiver] Homebrew S meter calibration source

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 17:39:27 UTC
From: Dale Parfitt
Topic: 3237 Message: 3240

Another solution to a nice homebrew sig gen is an N3ZI DDS VFO:
http://www.pongrance.com/super-dds.html

These are really cheap and put out a constant 250mV P-P into 1K. A simple T pad takes it to 50 Ohms followed by a MMIC and you have a nice lab sig gen.

Dale W4OP
----- Original Message -----
From: disklog@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, December 28, 2013 10:38 AM
Subject: [X1M_QRP-Transceiver] Homebrew S meter calibration source

This morning I came up with an idea for a simple calibration source for the s meter. I have a Fox brand crystal oscillator on 15.0mhz. As many know these are tiny metal cans with a crystal and oscillator components built in. Just add 5v and ground and it generates a nice 15mhz signal.
My thought it to put this on a perfboard with sufficient attenuation to output an S9 signal. Built into a metal box it may do the job we need.
This could be a community signal source which could be returned to me when calibration is completed.
The device would be very small and light to allow cheap shipping worldwide.
Any thoughts on this idea?
Ken N2LZV

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6956 - Release Date: 12/28/13

3241. Re: [X1M_QRP-Transceiver] Homebrew S meter calibration source

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 18:07:31 UTC
From: Charlie , W5COV
Topic: 3237 Message: 3241

Yes Doug offers some very nice well refined DDS-VFO's. He has a TON of experience with them, producing them as long as I can remember them being available. He has some other nice quality kits too, even digital displays for old boat anchors.

I own a couple of DDS-VFO's from Doug and have one on each workbench to use for testing. My personal experience is he makes a good kit and supports it well too. Plus he accommodates we 600 meter people:)

Charlie, W5COV

On 12/28/2013 11:39 AM, Dale Parfitt wrote:
>
> □
>
> Another solution to a nice homebrew sig gen is an N3ZI DDS VFO:
> http://www.pongrance.com/super-dds.html
> These are really cheap and put out a constant 250mV P-P into 1K. A
> simple T pad takes it to 50 Ohms followed by a MMIC and you have a
> nice lab sig gen.
> Dale W4OP
>
> ----- Original Message -----
> *From:* disklog@... <mailto:disklog@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Saturday, December 28, 2013 10:38 AM
> *Subject:* [X1M_QRP-Transceiver] Homebrew S meter calibration source
>
> This morning I came up with an idea for a simple calibration
> source for the s meter. I have a Fox brand crystal oscillator on
> 15.0mhz. As many know these are tiny metal cans with a crystal and
> oscillator components built in. Just add 5v and ground and it
> generates a nice 15mhz signal.
> My thought it to put this on a perfboard with sufficient
> attenuation to output an S9 signal. Built into a metal box it may
> do the job we need.
> This could be a community signal source which could be returned to
> me when calibration is completed.
> The device would be very small and light to allow cheap shipping
> worldwide.
> Any thoughts on this idea?
> Ken N2LZV
>
> No virus found in this message.

> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6956 - Release Date:
> 12/28/13
>
>

3242. Re: [X1M_QRP-Transceiver] Homebrew S meter calibration source

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 18:37:26 UTC
From: ken fest
Topic: 3237 Message: 3242

Yes that is a good solution and would add a useful piece of gear for those that lack test equipment.
My thought was the folks on here that are not too technical, could just connect a 9v battery, and connect my gizmo to their radio and calibrate. For those that will only need it one time, I figured this might be a useful shared item.
But, if one is inclined at all to get more involved in this hobby, I agree with Dale, invest what you can in test devices because you will surely need them eventually.
Ken N2LZV

On Sat, 12/28/13, Dale Parfitt <parinc1@frontier.com> wrote:

Subject: Re: [X1M_QRP-Transceiver] Homebrew S meter calibration source
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Saturday, December 28, 2013, 12:39 PM

☐

Another solution to a nice
homebrew sig gen is an
N3ZI DDS VFO:
http://www.pongrance.com/super-dds.html

These are really cheap and
put out a constant 250mV
P-P into 1K. A simple T pad takes it to 50 Ohms followed by
a MMIC and you
have a nice lab sig gen.

Dale W4OP

----- Original Message -----

From:
disklog@...

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Saturday,
December 28, 2013 10:38
AM
Subject:
[X1M_QRP-Transceiver] Homebrew S
meter calibration source

This morning I came up with an idea for a simple
calibration source for the
s meter. I have a Fox brand crystal oscillator on

15.0mhz. As many know
these are tiny metal cans with a crystal and oscillator
components built in.
Just add 5v and ground and it generates a nice 15mhz
signal.
My thought it
to put this on a perfboard with sufficient attenuation to
output an S9
signal. Built into a metal box it may do the job we
need.
This could
be a community signal source which could be returned to me
when calibration is
completed.
The device would be very small and light to allow cheap
shipping worldwide.
Any thoughts on this idea?
Ken N2LZV
No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6956 - Release Date:
12/28/13

3243. RE: Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 18:58:45 UTC
From: <captpaul1@...>
Topic: 3197 Message: 3243

I've never had any luck finding something used when I wanted or needed it, otherwise I might have higher hopes of finding a used xcvr. But thanks anyways, that IC 703 looks sweet. ;)

3244. Re: [X1M_QRP-Transceiver] Homebrew S meter calibration source

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 19:08:55 UTC
From: Charlie , W5COV
Topic: 3237 Message: 3244

Ken , your idea has a lot of merit and I expect several will take advantage of it. Many of the people using the X1M do not have a lot of test equipment, so it is a great idea to provide them with a source for calibration.

I too have to go along with you and Dale on getting at least some basic test equipment. There are some pretty decent buys on pretty darned accurate capacitor, resistor,transistor, inductor, etc. assembled tester modules on eBay. I have a couple of them that I keep handy for quick tests. You do have to pay attention to the tolerances for whatever your personal use is for the testers.

Charlie, W5COV

On 12/28/2013 12:37 PM, ken fest wrote:
>
> Yes that is a good solution and would add a useful piece of gear for
> those that lack test equipment.
> My thought was the folks on here that are not too technical, could
> just connect a 9v battery, and connect my gizmo to their radio and
> calibrate. For those that will only need it one time, I figured this
> might be a useful shared item.
> But, if one is inclined at all to get more involved in this hobby, I
> agree with Dale, invest what you can in test devices because you will
> surely need them eventually.
> Ken N2LZV
> ---
> On Sat, 12/28/13, Dale Parfitt <parinc1@...> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] Homebrew S meter calibration source
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Saturday, December 28, 2013, 12:39 PM
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> Another solution to a nice
> homebrew sig gen is an
> N3ZI DDS VFO:
> http://www.pongrance.com/super-dds.html
>
> These are really cheap and
> put out a constant 250mV
> P-P into 1K. A simple T pad takes it to 50 Ohms followed by
> a MMIC and you
> have a nice lab sig gen.
>
> Dale W4OP
>
> ----- Original Message -----
>
> From:
> disklog@...
>
> To: X1M_QRP-Transceiver@yahoogroups.com
>
>
> Sent: Saturday,
> December 28, 2013 10:38
> AM
> Subject:
> [X1M_QRP-Transceiver] Homebrew S
> meter calibration source
>
>
>
> This morning I came up with an idea for a simple
> calibration source for the
> s meter. I have a Fox brand crystal oscillator on
> 15.0mhz. As many know

> these are tiny metal cans with a crystal and oscillator
> components built in.
> Just add 5v and ground and it generates a nice 15mhz
> signal.
> My thought it
> to put this on a perfboard with sufficient attenuation to
> output an S9
> signal. Built into a metal box it may do the job we
> need.
> This could
> be a community signal source which could be returned to me
> when calibration is
> completed.
> The device would be very small and light to allow cheap
> shipping worldwide.
> Any thoughts on this idea?
> Ken N2LZV
> No virus found in this
> message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus
> Database: 3658/6956 - Release Date:
> 12/28/13
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3245. Re: [X1M_QRP-Transceiver] RE: Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 19:20:32 UTC
From: Dale Parfitt
Topic: 3197 Message: 3245

One item to be aware of on the IC703 is that some of the main boards had issues that caused a chirp on CW. Icom would not step up and fix them. Their only answer was to purchase a new main board. So, if buying a used 703, make sure to ask if it performs properly on CW.

Dale W4OP
----- Original Message -----
From: captpaul1@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, December 28, 2013 1:58 PM
Subject: [X1M_QRP-Transceiver] RE: Should I get a X1M?

I've never had any luck finding something used when I wanted or needed it, otherwise I might have higher hopes of finding a used xcvr. But thanks anyways, that IC 703 looks sweet. ;)

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6956 - Release Date: 12/28/13

3246. (no subject)

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 19:19:59 UTC
From: <gosier@...>
Topic: 3246 Message: 3246

unsubscribe

3247. Re: [X1M_QRP-Transceiver] Homebrew S meter calibration source

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 19:43:18 UTC
From: <lphebus@...>
Topic: 3237 Message: 3247

Dale, I understand your T pad comment but need a little more info about what you mean by the MMIC. Is this a "Monolithic Microwave Integrated Circuit"? Still on the learning curve...

BTW, I saw this today http://kd1jv.qrpradio.com/XMEGA/XMEGA.htm http://kd1jv.qrpradio.com/XMEGA/XMEGA.htm and ordered the evaluation board ($30). I have a few of the cheap ebay AD9850 modules so I figured I would make another DDS VFO for the bench. Total cost $35 and a couple buttons/ rotary encoder from the junk box. The free, open-source software has lots of "radio-ready" features.

Lee KF7YRS

3248. Re: [X1M_QRP-Transceiver] Homebrew S meter calibration source

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 19:53:35 UTC
From: Dale Parfitt
Topic: 3237 Message: 3248

Yes, Likely there are several mfg out there. Mini Circuits makes the MAR, MAV and ZFL line. These are tiny 50 Ohm in/50 Ohm out devices that only need a series resistor/choke and DC blocking caps to form a gain stage. Choosing a device then comes down to gain/ freq response and IP3 performance.

As a reminder, and just a suggestion, can posters sign their call with their mail so we can keep everyone straight and get to know new members?
Dale W4OP
----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, December 28, 2013 2:43 PM
Subject: Re: [X1M_QRP-Transceiver] Homebrew S meter calibration source

Dale, I understand your T pad comment but need a little more info about what you mean by the MMIC. Is this a "Monolithic Microwave Integrated Circuit"? Still on the learning curve...

BTW, I saw this today http://kd1jv.qrpradio.com/XMEGA/XMEGA.htm and ordered the evaluation board ($30). I have a few of the cheap ebay AD9850 modules so I figured I would make another DDS VFO for the bench. Total cost $35 and a couple buttons/ rotary encoder from the junk box. The free, open- source software has lots of "radio-ready" features.

Lee KF7YRS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6956 - Release Date: 12/28/13

3249. Re: [X1M_QRP-Transceiver] Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-28 20:23:51 UTC
From: mikejmardis@...
Topic: 3197 Message: 3249

I used to live on a boat. Use the back stay. Icom has an atu specifically for outdoor/marine.
Sell it to the xyl as safety not a toy.
Mike
N1SPZ

Sent from my iPhone

> On Dec 27, 2013, at 12:15, <captpaul1@...> wrote:
>
> Tnx Ken. Great info. I am a tinkerer of sorts but, because we live on a boat, have limited access to tools. I've got a low watt soldering iron, "beginner" soldering skills and old eyes. ;) Do you have links for the amps you mentioned? If there's a simple kit I might be able to handle that. I'm on a limited budget as this will be a "toy" in the eyes of the XYL. I'm also eyeing that AGC mod people have mentioned here.
>
>
>
> The dash where I'd like to mount this is about 9" wide x 5.5" high x 9" deep. I'd like to mount the X1M, speaker and antenna tuner there if possible. There's room in the back for a small-ish power amp also. I'm undecided about what to use for an antenna. I've used Ham Sticks with great success in the past but this boat already has insulators on the backstay so I might use that instead.
>
>
>
> Any suggestions for a tuner I can face mount like the X1M?
>
>

3250. Replacement Final in ver.2 radios

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 01:01:10 UTC
From: <r-mason@...>
Topic: 3250 Message: 3250

I thought it would be agood idea to have a spare final for my ver.2 radio, so looked at the usual places I buy parts.......no one lists the 2SC1971. Seems there are a few on eBay, but after reading much discussion about fakes appearing on the market there, I started looking for a crossover. The NTE342 is listed as a replacement, but seems no one has those either. Production ended some years ago.

Any suggestions on a reliable source for the original Mitsubishi 2SC1971, or is there a better substitute?

Roger N4HSI

3251. RE: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 01:03:31 UTC
From: <disklog@...>
Topic: 3041 Message: 3251

Ian,

Today I built up a small prototype calibration device for calibrating the S meter.
It appears at this stage that I will be able to provide switchable 50uv or 100uv output on this device.
The calibration method will be:
1. Choose 50uv or 100uv output.

2. Tune the radio to 15.000 mhz.
3. Place the radio into the CW mode.
4. With nothing connected to the radio Zero the S meter.

5. Attach a 9v battery to the battery clip.
6. Connect the calibration unit BNC to the radio antenna connector.
7. Adjust the S meter sensitivity to read S9.
8. Check meter Zero with no signal to the radio.
9. Recheck S adjustment for S9.
10. Remove battery from calibration unit.
11. Send the unit to the next person that needs it.
This is a small unit and shipping hopefully will be inexpensive.
Let me know if you are interested in using this device.
Ken N2LZV

3252. Re: [X1M_QRP-Transceiver] Replacement Final in ver.2 radios

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 01:16:51 UTC
From: Dale Parfitt
Topic: 3250 Message: 3252

Hi Roger,
Please confirm you have the non- pro version of the X1M as that uses the 2SC1971. The PRO version uses RD06HVF1
RF Parts should carry the 2SC1971

Regards,

Dale W4OP
----- Original Message -----
From: r-mason@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Saturday, December 28, 2013 8:01 PM
Subject: [X1M_QRP-Transceiver] Replacement Final in ver.2 radios

I thought it would be agood idea to have a spare final for my ver.2 radio, so looked at the usual places I buy parts.......no one lists the 2SC1971. Seems there are a few on eBay, but after reading much discussion about fakes appearing on the market there, I started looking for a crossover. The NTE342 is listed as a replacement, but seems no one has those either. Production ended some years ago.

Any suggestions on a reliable source for the original Mitsubishi 2SC1971, or is there a better substitute?

Roger N4HSI

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6957 - Release Date: 12/28/13

3253. RE: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 01:16:05 UTC
From: Ian Coots
Topic: 3041 Message: 3253
Attachments: 1 described; binary payloads are missing from this source WARC

Most definitely Ken,

and more than happy to pay for any associated postage and handling costs. Of course, sending it to me will mean it will be out of circulation for more than just a few days although if it is small and lightweight, air freight is a possibility

I really appreciate the work you've done and the offer to share.

de Ian VK3YIC

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of disklog@...
Sent: Sunday, 29 December 2013 12:04 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] S Meter scale

Ian,

Today I built up a small prototype calibration device for calibrating the S meter.

It appears at this stage that I will be able to provide switchable 50uv or 100uv output on this device.

The calibration method will be:

1. Choose 50uv or 100uv output.

2. Tune the radio to 15.000 mhz.

3. Place the radio into the CW mode.

4. With nothing connected to the radio Zero the S meter.

5. Attach a 9v battery to the battery clip.

6. Connect the calibration unit BNC to the radio antenna connector.

7. Adjust the S meter sensitivity to read S9.

8. Check meter Zero with no signal to the radio.

9. Recheck S adjustment for S9.

10. Remove battery from calibration unit.

11. Send the unit to the next person that needs it.

This is a small unit and shipping hopefully will be inexpensive.

Let me know if you are interested in using this device.

Ken N2LZV

3255. RE: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 01:43:26 UTC
From: ken fest
Topic: 3041 Message: 3255

Ok Ian, let me build the final version and I will email you when it is ready to be shipped. Should be finished by 3am this morning. I like to build in the wee hours as there are no distractions.
I will need your correct shipping address or is it in QRZ?
Ken N2LZV

On Sat, 12/28/13, Ian Coots <ianrob@...> wrote:

Subject: RE: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Saturday, December 28, 2013, 8:16 PM

Most definitely
Ken, and more than happy to pay for
any associated postage and handling costs. Of course,
sending it to me will mean it will be out of circulation for
more than just a few days although if it is small and
lightweight, air freight is a possibility I really appreciate the work
you've done and the offer to share. de Ian
VK3YIC From: X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of
disklog@...
Sent: Sunday, 29 December 2013 12:04 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] S Meter
scale Ian, Today I built up a small
prototype calibration device for calibrating the S
meter.It appears at this stage that I
will be able to provide switchable 50uv or 100uv output on
this device.The calibration method will
be:1. Choose 50uv or 100uv
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mode.4. With nothing connected to the
radio Zero the S meter.5. Attach a 9v battery to the
battery clip.6. Connect the calibration unit
BNC to the radio antenna connector.7. Adjust the S meter sensitivity
to read S9. 8. Check meter Zero with no
signal to the radio.9. Recheck S adjustment for
S9.10. Remove battery from
calibration unit.11. Send the unit to the next
person that needs it.This is a small unit and shipping
hopefully will be inexpensive.Let me know if you are interested
in using this device.Ken N2LZV

3257. RE: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 02:07:34 UTC
From: Ian Coots
Topic: 3041 Message: 3257
Attachments: 1 described; binary payloads are missing from this source WARC

Wow Ken! That’s service.

I’ll check QRZ and let you know. I prefer PO box but will need to check QRZ.

On my way out the door…I produce a radio program on air every fortnight . starts in <1hr so must rush. Get back to you as soon as I can

Have a listen if you like jazz http://www.947thepulse.com

Regards,

Ian Coots

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of ken fest
Sent: Sunday, 29 December 2013 12:43 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] S Meter scale

Ok Ian, let me build the final version and I will email you when it is ready to be shipped. Should be finished by 3am this morning. I like to build in the wee hours as there are no distractions.
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Ken N2LZV

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Subject: RE: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Saturday, December 28, 2013, 8:16 PM

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you’ve done and the offer to share. de Ian
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to read S9. 8. Check meter Zero with no
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S9.10. Remove battery from
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person that needs it.This is a small unit and shipping
hopefully will be inexpensive.Let me know if you are interested
in using this device.Ken N2LZV

3258. RE: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 03:42:06 UTC
From: ken fest
Topic: 3041 Message: 3258

I heard you hosting the show with the Dudley Moore trio. Cool.
Ken N2LZV

On Sat, 12/28/13, Ian Coots <ianrob@...> wrote:

Subject: RE: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Saturday, December 28, 2013, 9:07 PM

Wow Ken! That’s
service. I’ll check QRZ and let you
know. I prefer PO box but will need to check
QRZ. On my way out the door…I
produce a radio program on air every fortnight . starts in
<1hr so must rush. Get back to you as soon as I
can Have a listen if you like jazz
http://www.947thepulse.com Regards, Ian Coots From:
X1M_QRP-Transceiver@yahoogroups.com
[mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of
ken fest
Sent: Sunday, 29 December 2013 12:43 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: RE: [X1M_QRP-Transceiver] S Meter
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Ken, and more than happy to pay for
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sending it to me will mean it will be out of circulation
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more than just a few days although if it is small and
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VK3YIC From: X1M_QRP-Transceiver@yahoogroups.com
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sensitivity
to read S9. 8. Check meter Zero with no
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calibration unit.11. Send the unit to the next
person that needs it.This is a small unit and shipping
hopefully will be inexpensive.Let me know if you are
interested
in using this device.Ken N2LZV

3259. Re: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 04:16:29 UTC
From: Charlie , W5COV
Topic: 3041 Message: 3259

I am listening too as usual.

Ian told me about it quite a while back and I have since become a jazz fan, and I don't listen to much music !!

Thank you from me also Ken for what you do and the people you are helping out.

This group is indeed fortunate to have such talent and people willing to share with others.

Charlie, W5COV

On 12/28/2013 9:42 PM, ken fest wrote:
>
> I heard you hosting the show with the Dudley Moore trio. Cool.
> Ken N2LZV
> ---
> On Sat, 12/28/13, Ian Coots <ianrob@...> wrote:
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> Subject: RE: [X1M_QRP-Transceiver] S Meter scale
> To: X1M_QRP-Transceiver@yahoogroups.com
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> service. I’ll check QRZ and let you
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> QRZ. On my way out the door…I
> produce a radio program on air every fortnight . starts in
> <1hr so must rush. Get back to you as soon as I
> can Have a listen if you like jazz
> http://www.947thepulse.com Regards, Ian Coots From:
> X1M_QRP-Transceiver@yahoogroups.com
> [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of
> ken fest
> Sent: Sunday, 29 December 2013 12:43 PM
> To: X1M_QRP-Transceiver@yahoogroups.com
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> Should be finished by 3am this morning. I like to build in
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> I will need your correct shipping address or is it in QRZ?
> Ken N2LZV
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> On Sat, 12/28/13, Ian Coots <ianrob@...>
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> you've done and the offer to share. de Ian
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> On Behalf Of
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3260. Re: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 04:19:49 UTC
From: ken fest
Topic: 3041 Message: 3260

Charlie, Ian,
First time I have ever heard my name coming from a professional radio broadcast. And from so far away too!
Dudley was a real talent sad how sick he became at the end.
Ken N2LZV

On Sat, 12/28/13, Charlie , W5COV <cvest@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Saturday, December 28, 2013, 11:16 PM

I am listening too as usual.

Ian told me about it quite a while back and I have since
become a
jazz fan, and I don't listen to much music !!

Thank you from me also Ken for what you do and the
people you are
helping out.

This group is indeed fortunate to have such talent and
people
willing to share with others.

Charlie, W5COV

On 12/28/2013
9:42 PM, ken fest wrote:

I heard you hosting the show with the Dudley
Moore trio.
Cool.

Ken N2LZV

On Sat, 12/28/13, Ian Coots <ianrob@...>
wrote:

Subject: RE: [X1M_QRP-Transceiver] S Meter
scale

To: X1M_QRP-Transceiver@yahoogroups.com

Date: Saturday, December 28, 2013, 9:07 PM

Wow Ken! That’s

service. I’ll check QRZ and let you

know. I prefer PO box but will need to
check

QRZ. On my way out the door…I

produce a radio program on air every fortnight
. starts in

<1hr so must rush. Get back to you as soon
as I

can Have a listen if you like jazz

http://www.947thepulse.com
  Regards, Ian Coots
 From: X1M_QRP-Transceiver@yahoogroups.com

[mailto:X1M_QRP-Transceiver@yahoogroups.com]
On Behalf Of

ken fest

Sent: Sunday, 29 December 2013 12:43 PM

To: X1M_QRP-Transceiver@yahoogroups.com

Subject: RE: [X1M_QRP-Transceiver] S Meter

scale Ok Ian, let me build the final

version and I will email you when it is ready
to be
shipped.

Should be finished by 3am this morning. I like
to build in

the wee hours as there are no distractions.

I will need your correct shipping address or
is it in QRZ?

Ken N2LZV

On Sat, 12/28/13, Ian Coots <ianrob@...>

wrote:

Subject: RE: [X1M_QRP-Transceiver] S Meter
scale

To: X1M_QRP-Transceiver@yahoogroups.com

Date: Saturday, December 28, 2013, 8:16 PM

Most definitely

Ken, and more than happy to pay for

any associated postage and handling costs.
Of course,

sending it to me will mean it will be out of
circulation

for

more than just a few days although if it is
small and

lightweight, air freight is a possibility I
really

appreciate the work

you’ve done and the offer to share. de
Ian

VK3YIC From: X1M_QRP-Transceiver@yahoogroups.com

[mailto:X1M_QRP-Transceiver@yahoogroups.com]

On Behalf Of

disklog@...

Sent: Sunday, 29 December 2013 12:04 PM

To: X1M_QRP-Transceiver@yahoogroups.com

Subject: RE: [X1M_QRP-Transceiver] S Meter

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meter.It appears at this stage that I

will be able to provide switchable 50uv or
100uv output on

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mhz.3. Place the radio into the CW

mode.4. With nothing connected to the

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battery clip.6. Connect the calibration unit

BNC to the radio antenna connector.7. Adjust the S meter

sensitivity

to read S9. 8. Check meter Zero with no

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calibration unit.11. Send the unit to the next

person that needs it.This is a small unit and shipping

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3261. Re: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 04:41:31 UTC
From: Charlie , W5COV
Topic: 3041 Message: 3261

I too was thrilled when Ian gave me a shout out the first time I listened to his program. Amazing an FM station on another continent !!

I saw Dudley on TV after he got so ill and I could barely tell he was even the same person that I had enjoyed and laughed at for so long.

Charlie, W5COV

On 12/28/2013 10:19 PM, ken fest wrote:
>
> Charlie, Ian,
> First time I have ever heard my name coming from a professional radio
> broadcast. And from so far away too!
> Dudley was a real talent sad how sick he became at the end.
> Ken N2LZV
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> On Sat, 12/28/13, Charlie , W5COV <cvest@...> wrote:
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> Subject: Re: [X1M_QRP-Transceiver] S Meter scale
> To: X1M_QRP-Transceiver@yahoogroups.com
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> http://www.947thepulse.com
> Regards, Ian Coots
> From: X1M_QRP-Transceiver@yahoogroups.com
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> the S meter
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> sensitivity
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> signal to the radio.9. Recheck S adjustment
> for
>
> S9.10. Remove battery from
>
> calibration unit.11. Send the unit to the
> next
>
> person that needs it.This is a small unit and
> shipping
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> hopefully will be inexpensive.Let me know if
> you are
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> interested
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> in using this device.Ken N2LZV

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3262. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 06:55:15 UTC
From: ua1cex@...
Topic: 3041 Message: 3262

Hi friends. I reinstalled firmware. Now, first dot appeared again. But, when I calling CQ, and give a pause for 2-3sec, my freq, goes down for about 300-400hz down. It is crazy situation.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: "Charlie , W5COV" <cvest@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вс, 29 дек 2013 8:41
Subject: Re: [X1M_QRP-Transceiver] S Meter scale

I too was thrilled when Ian gave me a shout out the first time I
listened to his program. Amazing an FM station on another continent !!

I saw Dudley on TV after he got so ill and I could barely tell he was
even the same person that I had enjoyed and laughed at for so long.

Charlie, W5COV

On 12/28/2013 10:19 PM, ken fest wrote:
>
> Charlie, Ian,
> First time I have ever heard my name coming from a professional radio
> broadcast. And from so far away too!
> Dudley was a real talent sad how sick he became at the end.
> Ken N2LZV
> ----------
> On Sat, 12/28/13, Charlie , W5COV <cvest@...> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] S Meter scale
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Saturday, December 28, 2013, 11:16 PM
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> I am listening too as usual.
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>
> Ian told me about it quite a while back and I have since
> become a
> jazz fan, and I don't listen to much music !!
>
>
>
> Thank you from me also Ken for what you do and the
> people you are
> helping out.
>
>
>
> This group is indeed fortunate to have such talent and
> people
> willing to share with others.
>
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>
> Charlie, W5COV
>
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>
> On 12/28/2013
> 9:42 PM, ken fest wrote:
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>
> I heard you hosting the show with the Dudley

> Moore trio.
> Cool.
>
> Ken N2LZV
>
> --
>
> On Sat, 12/28/13, Ian Coots <ianrob@ncable.net.au>
> wrote:
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>
> Subject: RE: [X1M_QRP-Transceiver] S Meter
> scale
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> To: X1M_QRP-Transceiver@yahoogroups.com
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> Date: Saturday, December 28, 2013, 9:07 PM
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> Wow Ken! That’s
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> service. I’ll check QRZ and let you
>
> know. I prefer PO box but will need to
> check
>
> QRZ. On my way out the door…I
>
> produce a radio program on air every fortnight
> . starts in
>
> <1hr so must rush. Get back to you as soon
> as I
>
> can Have a listen if you like jazz
>
> http://www.947thepulse.com
> Regards, Ian Coots
> From: X1M_QRP-Transceiver@yahoogroups.com
>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com]
> On Behalf Of
>
> ken fest
>
> Sent: Sunday, 29 December 2013 12:43 PM
>
> To: X1M_QRP-Transceiver@yahoogroups.com
>
> Subject: RE: [X1M_QRP-Transceiver] S Meter
>
> scale Ok Ian, let me build the final
>
> version and I will email you when it is ready

> to be
> shipped.
>
> Should be finished by 3am this morning. I like
> to build in
>
> the wee hours as there are no distractions.
>
> I will need your correct shipping address or
> is it in QRZ?
>
> Ken N2LZV
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> On Sat, 12/28/13, Ian Coots <ianrob@...>
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> Subject: RE: [X1M_QRP-Transceiver] S Meter
> scale
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> To: X1M_QRP-Transceiver@yahoogroups.com
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> Date: Saturday, December 28, 2013, 8:16 PM
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> Most definitely
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> Ken, and more than happy to pay for
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> any associated postage and handling costs.
> Of course,
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> sending it to me will mean it will be out of
> circulation
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> for
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> more than just a few days although if it is
> small and
>
> lightweight, air freight is a possibility I
> really
>
> appreciate the work
>
> you’ve done and the offer to share. de
> Ian
>
> VK3YIC From: X1M_QRP-Transceiver@yahoogroups.com

>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com]
>
> On Behalf Of
>
> disklog@...
>
> Sent: Sunday, 29 December 2013 12:04 PM
>
> To: X1M_QRP-Transceiver@yahoogroups.com
>
> Subject: RE: [X1M_QRP-Transceiver] S Meter
>
> scale Ian, Today I built up a small
>
> prototype calibration device for calibrating
> the S
>
> meter.It appears at this stage that I
>
> will be able to provide switchable 50uv or
> 100uv output on
>
> this device.The calibration method will
>
> be:1. Choose 50uv or 100uv
>
> output.2. Tune the radio to 15.000
>
> mhz.3. Place the radio into the CW
>
> mode.4. With nothing connected to the
>
> radio Zero the S meter.5. Attach a 9v battery
> to the
>
> battery clip.6. Connect the calibration unit
>
> BNC to the radio antenna connector.7. Adjust
> the S meter
>
> sensitivity
>
> to read S9. 8. Check meter Zero with no
>
> signal to the radio.9. Recheck S adjustment
> for
>
> S9.10. Remove battery from
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> calibration unit.11. Send the unit to the
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> person that needs it.This is a small unit and
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3263. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 07:03:55 UTC
From: ua1cex@...
Topic: 3041 Message: 3263

I have to say. Many users of X1M very happy of this devise, but not me. I want to have a real working trcvr and do not waiting for ten years, while they improve there unsuers. I am very disappointed.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вс, 29 дек 2013 10:55
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Hi friends. I reinstalled firmware. Now, first dot appeared again. But, when I calling CQ, and give a pause for 2-3sec, my freq, goes down for about 300-400hz down. It is crazy situation.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: "Charlie , W5COV" <cvest@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вс, 29 дек 2013 8:41
Subject: Re: [X1M_QRP-Transceiver] S Meter scale

I too was thrilled when Ian gave me a shout out the first time I
listened to his program. Amazing an FM station on another continent !!

I saw Dudley on TV after he got so ill and I could barely tell he was
even the same person that I had enjoyed and laughed at for so long.

Charlie, W5COV

On 12/28/2013 10:19 PM, ken fest wrote:
>
> Charlie, Ian,
> First time I have ever heard my name coming from a professional radio
> broadcast. And from so far away too!
> Dudley was a real talent sad how sick he became at the end.
> Ken N2LZV
> ----------
> On Sat, 12/28/13, Charlie , W5COV <cvest@...> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] S Meter scale
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Saturday, December 28, 2013, 11:16 PM
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> I am listening too as usual.
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> Ian told me about it quite a while back and I have since
> become a
> jazz fan, and I don't listen to much music !!
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> Thank you from me also Ken for what you do and the
> people you are
> helping out.
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>
> This group is indeed fortunate to have such talent and
> people
> willing to share with others.
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>
> Charlie, W5COV
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> On 12/28/2013
> 9:42 PM, ken fest wrote:
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> I heard you hosting the show with the Dudley
> Moore trio.
> Cool.
>
> Ken N2LZV
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> ----------
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> On Sat, 12/28/13, Ian Coots <ianrob@...>
> wrote:
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> To: X1M_QRP-Transceiver@yahoogroups.com
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> QRZ. On my way out the door…I
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> produce a radio program on air every fortnight
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> http://www.947thepulse.com
> Regards, Ian Coots
> From: X1M_QRP-Transceiver@yahoogroups.com
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> [mailto:X1M_QRP-Transceiver@yahoogroups.com]
> On Behalf Of
>

> ken fest
>
> Sent: Sunday, 29 December 2013 12:43 PM
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> To: X1M_QRP-Transceiver@yahoogroups.com
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> Subject: RE: [X1M_QRP-Transceiver] S Meter
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> Should be finished by 3am this morning. I like
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> Subject: RE: [X1M_QRP-Transceiver] S Meter
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> To: X1M_QRP-Transceiver@yahoogroups.com
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> Most definitely
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> Ken, and more than happy to pay for
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> Of course,
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> sending it to me will mean it will be out of
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> more than just a few days although if it is

> small and
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> lightweight, air freight is a possibility I
> really
>
> appreciate the work
>
> you’ve done and the offer to share. de
> Ian
>
> VK3YIC From: X1M_QRP-Transceiver@yahoogroups.com
>
> [mailto:X1M_QRP-Transceiver@yahoogroups.com]
>
> On Behalf Of
>
> disklog@...
>
> Sent: Sunday, 29 December 2013 12:04 PM
>
> To: X1M_QRP-Transceiver@yahoogroups.com
>
> Subject: RE: [X1M_QRP-Transceiver] S Meter
>
> scale Ian, Today I built up a small
>
> prototype calibration device for calibrating
> the S
>
> meter.It appears at this stage that I
>
> will be able to provide switchable 50uv or
> 100uv output on
>
> this device.The calibration method will
>
> be:1. Choose 50uv or 100uv
>
> output.2. Tune the radio to 15.000
>
> mhz.3. Place the radio into the CW
>
> mode.4. With nothing connected to the
>
> radio Zero the S meter.5. Attach a 9v battery
> to the
>
> battery clip.6. Connect the calibration unit
>
> BNC to the radio antenna connector.7. Adjust

> the S meter
>
> sensitivity
>
> to read S9. 8. Check meter Zero with no
>
> signal to the radio.9. Recheck S adjustment
> for
>
> S9.10. Remove battery from
>
> calibration unit.11. Send the unit to the
> next
>
> person that needs it.This is a small unit and
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> hopefully will be inexpensive.Let me know if
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> interested
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> in using this device.Ken N2LZV
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3264. Homebrew S meter Calibrator Available

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 07:13:24 UTC
From: <disklog@...>
Topic: 3264 Message: 3264

For anyone that needs it, my homebrew S meter calibrator is built and available to be used by those that lack the proper equipment to complete S meter calibration. It is NOT fancy and was built using the "dead bug" style of construction. Not a pretty way to build but excellent for RF devices.
I am asking that anyone who needs it, please email me directly and provide your name and shipping address. Once your calibration is complete, I ask you to email me and I will provide the next name on the list. You then mail it to that person.
Please don't request this unit until you have a properly working AGC board and S meter board installed in your radio.
I will provide the easy instructions to the first builder and ask that he/she pass the instructions along to the next person. If everyone is considerate of the other members, this will be a successful project for all.
Please email me with any question or concerns you may have.
73,
Ken N2LZV
disklog at yahoo.com

3265. Re: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 12:43:12 UTC
From: mikejmardis@...
Topic: 3041 Message: 3265

Ken, I would be interested too. In fact, I would be willing to buy a version if you would be willing to build it.
Mike
N1SPZ

Sent from my iPhone

> On Dec 28, 2013, at 20:03, <disklog@...> wrote:
>
> Ian,
>
> Today I built up a small prototype calibration device for calibrating the S meter.
>
> It appears at this stage that I will be able to provide switchable 50uv or 100uv output on this device.
>
> The calibration method will be:
>
> 1. Choose 50uv or 100uv output.
>
> 2. Tune the radio to 15.000 mhz.
>
> 3. Place the radio into the CW mode.
>
> 4. With nothing connected to the radio Zero the S meter.
>
> 5. Attach a 9v battery to the battery clip.
>
> 6. Connect the calibration unit BNC to the radio antenna connector.
>
> 7. Adjust the S met er sensitivity to read S9.
>
> 8. Check meter Zero with no signal to the radio.
>
> 9. Recheck S adjustment for S9.
>
> 10. Remove battery from calibration unit.
>
> 11. Send the unit to the next person that needs it.
>
> This is a small unit and shipping hopefully will be inexpensi ve.
>
> Let me know if you are interested in using this device.
>
> Ken N2LZV

>
>

3266. Re: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 13:57:59 UTC
From: ken fest
Topic: 3041 Message: 3266

Mike,
I don't have the components to build another unit, but if you have your radio all ready to go, then give me your name, call and address and I will get this item to you. If you don't have a ready radio, then give me your info when all is ready.
Ken N2LZV

On Sun, 12/29/13, mikejmardis@... <mikejmardis@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: "X1M_QRP-Transceiver@yahoogroups.com" <X1M_QRP-Transceiver@yahoogroups.com>
Date: Sunday, December 29, 2013, 7:43 AM

Ken, I would be interested too. In fact, I would be
willing to buy a version if you would be willing to build
it. Mike N1SPZ

Sent from my iPhone
On Dec 28, 2013, at 20:03, <disklog@...>
wrote:

Ian,
Today
I built up a small prototype calibration device for
calibrating the S meter.It
appears at this stage that I will be able to provide
switchable 50uv or 100uv output on this device.The
calibration method will be:1.
Choose 50uv or 100uv output.
2. Tune the radio
to 15.000 mhz.3.
Place the radio into the CW mode.4.
With nothing connected to the radio Zero the S meter.
5.
Attach a 9v battery to the battery clip.6.
Connect the calibration unit BNC to the radio antenna
connector.7.
Adjust the S met
er sensitivity to read S9. 8.
Check meter Zero with no signal to the radio.9.
Recheck S adjustment for S9.10.
Remove battery from calibration unit.11.
Send the unit to the next person that needs it.This
is a small unit and shipping hopefully will be inexpensi
ve.Let
me know if you are interested in using this device.Ken
N2LZV

3267. Re: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 14:07:27 UTC
From: mikejmardis@...
Topic: 3041 Message: 3267

The radio is all set.
Mike Mardis, N1SPZ
164 Soundview Ave
Stratford, CT 06615

Sent from my iPhone

> On Dec 29, 2013, at 8:57, ken fest <disklog@yahoo.com> wrote:
>
> Mike,
> I don't have the components to build another unit, but if you have your radio all ready to go, then give me your name, call and address and I will get this item to you. If you don't have a ready radio, then give me your info when all is ready.
> Ken N2LZV
> ---------------------------------------
> On Sun, 12/29/13, mikejmardis@... <mikejmardis@...> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] S Meter scale
> To: "X1M_QRP-Transceiver@yahoogroups.com" <X1M_QRP-Transceiver@yahoogroups.com>
> Date: Sunday, December 29, 2013, 7:43 AM
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> wrote:
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> switchable 50uv or 100uv output on this device.The
> calibration method will be:1.
> Choose 50uv or 100uv output.
> 2. Tune the radio
> to 15.000 mhz.3.
> Place the radio into the CW mode.4.
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> Attach a 9v battery to the battery clip.6.
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> connector.7.
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> er sensitivity to read S9. 8.
> Check meter Zero with no signal to the radio.9.
> Recheck S adjustment for S9.10.
> Remove battery from calibration unit.11.
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> is a small unit and shipping hopefully will be inexpensi
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3268. Re: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 15:00:57 UTC
From: ken fest
Topic: 3041 Message: 3268

Mike,
I will ship it to you tomorrow. (Monday)
Ken N2LZV

On Sun, 12/29/13, mikejmardis@... <mikejmardis@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: "X1M_QRP-Transceiver@yahoogroups.com" <X1M_QRP-Transceiver@yahoogroups.com>
Date: Sunday, December 29, 2013, 9:07 AM

The radio is all set. Mike Mardis,
N1SPZ164 Soundview AveStratford, CT
06615

Sent from my iPhone
On Dec 29, 2013, at 8:57, ken fest <disklog@...>
wrote:

Mike,

I don't have the components to build another unit, but
if you have your radio all ready to go, then give me your
name, call and address and I will get this item to you. If
you don't have a ready radio, then give me your info
when all is ready.

Ken N2LZV

On Sun, 12/29/13, mikejmardis@...
<mikejmardis@...>
wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale

To: "X1M_QRP-Transceiver@yahoogroups.com"
<X1M_QRP-Transceiver@yahoogroups.com>

Date: Sunday, December 29, 2013, 7:43 AM

Ken, I would be interested too. In fact, I would be

willing to buy a version if you would be willing to build

it. Mike N1SPZ

Sent from my iPhone

On Dec 28, 2013, at 20:03, <disklog@...>

wrote:

Ian,

Today

I built up a small prototype calibration device for

calibrating the S meter.It

appears at this stage that I will be able to provide

switchable 50uv or 100uv output on this device.The

calibration method will be:1.

Choose 50uv or 100uv output.

2. Tune the radio

to 15.000 mhz.3.

Place the radio into the CW mode.4.

With nothing connected to the radio Zero the S meter.

5.

Attach a 9v battery to the battery clip.6.

Connect the calibration unit BNC to the radio antenna

connector.7.

Adjust the S met

er sensitivity to read S9. 8.

Check meter Zero with no signal to the radio.9.

Recheck S adjustment for S9.10.

Remove battery from calibration unit.11.

Send the unit to the next person that needs it.This

is a small unit and shipping hopefully will be inexpensi

ve.Let

me know if you are interested in using this device.Ken

N2LZV

3269. Re: [X1M_QRP-Transceiver] Replacement Final in ver.2 radios

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 15:20:04 UTC
From: <r-mason@...>
Topic: 3250 Message: 3269

I contacted Eleflow about their version of the 2SC1971 and received a nice reply from their sales manager (on a Sunday !)

If anyone else is interested in a spare final for the ver.2 radios, and we can get together an order for 10 or more pieces, the total per piece cost will be $10 (via PayPal) which includes shipping across the pond and US postage to get it to you. DX shipping is certainly possible but will be a bit more depending on the destination. UK and EU may find it just as economical to order directly from Eleflow.

I will place the order if there is enough interest. Let me know.

Roger N4HSI

3270. Re: [X1M_QRP-Transceiver] S Meter scale

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 15:30:26 UTC
From: mikejmardis@...
Topic: 3041 Message: 3270

Thanks Ken. I appreciate it.

Sent from my iPhone

> On Dec 29, 2013, at 10:00, ken fest <disklog@...> wrote:
>
> Mike,
> I will ship it to you tomorrow. (Monday)
> Ken N2LZV
> ----------
> On Sun, 12/29/13, mikejmardis@... <mikejmardis@...> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] S Meter scale
> To: "X1M_QRP-Transceiver@yahoogroups.com" <X1M_QRP-Transceiver@yahoogroups.com>
> Date: Sunday, December 29, 2013, 9:07 AM
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> Sent from my iPhone
> On Dec 29, 2013, at 8:57, ken fest <disklog@...>
> wrote:

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> Mike,
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> I don't have the components to build another unit, but
> if you have your radio all ready to go, then give me your
> name, call and address and I will get this item to you. If
> you don't have a ready radio, then give me your info
> when all is ready.
>
> Ken N2LZV
>
> ---
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> On Sun, 12/29/13, mikejmardis@...
> <mikejmardis@...>
> wrote:
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>
> Subject: Re: [X1M_QRP-Transceiver] S Meter scale
>
> To: "X1M_QRP-Transceiver@yahoogroups.com"
> <X1M_QRP-Transceiver@yahoogroups.com>
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> Date: Sunday, December 29, 2013, 7:43 AM
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> Ian,
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> Today
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> I built up a small prototype calibration device for
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> calibrating the S meter.It
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> appears at this stage that I will be able to provide
>
> switchable 50uv or 100uv output on this device.The
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> calibration method will be:1.
>
> Choose 50uv or 100uv output.
>
> 2. Tune the radio
>
> to 15.000 mhz.3.
>
> Place the radio into the CW mode.4.
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>
> Attach a 9v battery to the battery clip.6.
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> connector.7.
>
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> er sensitivity to read S9. 8.
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> Check meter Zero with no signal to the radio.9.
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> Send the unit to the next person that needs it.This
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> is a small unit and shipping hopefully will be inexpensi
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> ve.Let
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> me know if you are interested in using this device.Ken
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> N2LZV
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3271. Re: [X1M_QRP-Transceiver] Replacement Final in ver.2 radios

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 15:32:51 UTC
From: mikejmardis@...
Topic: 3250 Message: 3271

I'm in.
Mike
N1SPZ

Sent from my iPhone

> On Dec 29, 2013, at 10:20, <r-mason@...> wrote:
>
> I contacted Eleflow about their version of the 2SC1971 and received a nice reply from their sales manager (on a Sunday !)
>
> If anyone else is interested in a spare final for the ver.2 radios, and we can get together an order for 10 or more pieces, the total per piece cost will be $10 (via PayPal) which includes shipping across the pond and US postage to get it to you. DX shipping is certainly possible but will be a bit more depending on the destination. UK and EU may find it just as economical to order directly from Eleflow.
>
> I will place the order if there is enough interest. Let me know.
>
> Roger N4HSI
>
>

3272. Netting on CW

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 16:17:48 UTC
From: <k4tql@...>
Topic: 3272 Message: 3272

Nearly every CW net requires you to zero beat the NCS. Can anyone tell me how to do that with the X1M. Now, I've learned that the transmitted signal on CW will be on the frequency indicated by the digital readout. But, the NCS will almost never be exactly on the assigned net frequency and some of them run filters so narrow that you only have to be off by a few hundred Hertz so as to be unreadable. Hence, the requirement that you zero beat the NCS. Yet I've found no way to do that with the X1M alone. Is there a spotting function on the X1M that I've missed?

Bruce, K4TQL

3273. Re: [X1M_QRP-Transceiver] Netting on CW

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 16:54:03 UTC
From: Dale Parfitt
Topic: 3272 Message: 3273

Hi Bruce,
The manual explains how to do this. But it is identical to evry modern transceiver.
Firsts et up the CW BFO= IF OFFSET in the menu. Then choose your CW Tone.
When tuning a station in, tune them on the low frequency side of zero beat until their received tone matches what you selected for CW Tone.
That's all there is to it.
The only difference here is that currently, the X1M hears both sides of zero beat (as does a DC RX). So just be sure to tune the station you wish to contact on the low side of zerobeat.

73,

Dale W4OP
----- Original Message -----
From: k4tql@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 11:17 AM
Subject: [X1M_QRP-Transceiver] Netting on CW

Nearly every CW net requires you to zero beat the NCS. Can anyone tell me how to do that with the X1M. Now, I've learned that the transmitted signal on CW will be on the frequency indicated by the digital readout. But, the NCS will almost never be exactly on the assigned net frequency and some of them run filters so narrow that you only have to be off by a few hundred Hertz so as to be unreadable. Hence, the requirement that you zero beat the NCS. Yet I've found no way to do that with the X1M alone. Is there a spotting function on the X1M that I've missed?

Bruce, K4TQL

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6958 - Release Date: 12/29/13

3274. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 17:00:15 UTC
From: Dale Parfitt
Topic: 3161 Message: 3274

Hi Victor,
Is it your TX, RX or both frequencies that go down? Does the display indicate the shift? Does it stay down?

Tnx,

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 2:03 AM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

I have to say. Many users of X1M very happy of this devise, but not me. I want to have a real working trcvr and do not waiting for ten years, while they improve there unsuers. I am very disappointed.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вс, 29 дек 2013 10:55
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Hi friends. I reinstalled firmware. Now, first dot appeared again. But, when I calling CQ, and give a pause for 2-3sec, my freq, goes down for about 300-400hz down. It is crazy situation.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: "Charlie , W5COV" <cvest@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вс, 29 дек 2013 8:41
Subject: Re: [X1M_QRP-Transceiver] S Meter scale

I too was thrilled when Ian gave me a shout out the first time I listened to his program. Amazing an FM station on another continent !!

I saw Dudley on TV after he got so ill and I could barely tell he was even the same person that I had enjoyed and laughed at for so long.

Charlie, W5COV

On 12/28/2013 10:19 PM, ken fest wrote:

Charlie, Ian,
First time I have ever heard my name coming from a professional radio broadcast. And from so far away too!
Dudley was a real talent sad how sick he became at the end.
Ken N2LZV

On Sat, 12/28/13, Charlie , W5COV <cvest@cox.net> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Saturday, December 28, 2013, 11:16 PM

I am listening too as usual.

Ian told me about it quite a while back and I have since
become a
jazz fan, and I don't listen to much music !!

Thank you from me also Ken for what you do and the
people you are
helping out.

This group is indeed fortunate to have such talent and
people
willing to share with others.

Charlie, W5COV

On 12/28/2013
9:42 PM, ken fest wrote:

I heard you hosting the show with the Dudley
Moore trio.
Cool.

Ken N2LZV

On Sat, 12/28/13, Ian Coots <ianrob@ncable.net.au>
wrote:

Subject: RE: [X1M_QRP-Transceiver] S Meter
scale

To: X1M_QRP-Transceiver@yahoogroups.com

Date: Saturday, December 28, 2013, 9:07 PM

Wow Ken! That’s

service. I’ll check QRZ and let you

know. I prefer PO box but will need to
check

QRZ. On my way out the door…I

produce a radio program on air every fortnight
. starts in

<1hr so must rush. Get back to you as soon
as I

can Have a listen if you like jazz

http://www.947thepulse.com
Regards, Ian Coots
From: X1M_QRP-Transceiver@yahoogroups.com

[mailto:X1M_QRP-Transceiver@yahoogroups.com]
On Behalf Of

ken fest

Sent: Sunday, 29 December 2013 12:43 PM

To: X1M_QRP-Transceiver@yahoogroups.com

Subject: RE: [X1M_QRP-Transceiver] S Meter

scale Ok Ian, let me build the final

version and I will email you when it is ready
to be
shipped.

Should be finished by 3am this morning. I like
to build in

the wee hours as there are no distractions.

I will need your correct shipping address or
is it in QRZ?

Ken N2LZV

On Sat, 12/28/13, Ian Coots <ianrob@...>

wrote:

Subject: RE: [X1M_QRP-Transceiver] S Meter
scale

To: X1M_QRP-Transceiver@yahoogroups.com

Date: Saturday, December 28, 2013, 8:16 PM

Most definitely

Ken, and more than happy to pay for

any associated postage and handling costs.
Of course,

sending it to me will mean it will be out of
circulation

for

more than just a few days although if it is
small and

lightweight, air freight is a possibility I
really

appreciate the work

you’ve done and the offer to share. de
Ian

VK3YIC From: X1M_QRP-Transceiver@yahoogroups.com

[mailto:X1M_QRP-Transceiver@yahoogroups.com]

On Behalf Of

disklog@...

Sent: Sunday, 29 December 2013 12:04 PM

To: X1M_QRP-Transceiver@yahoogroups.com

Subject: RE: [X1M_QRP-Transceiver] S Meter

scale Ian, Today I built up a small

prototype calibration device for calibrating
the S

meter.It appears at this stage that I

will be able to provide switchable 50uv or
100uv output on

this device.The calibration method will

be:1. Choose 50uv or 100uv

output.2. Tune the radio to 15.000

mhz.3. Place the radio into the CW

mode.4. With nothing connected to the

radio Zero the S meter.5. Attach a 9v battery
to the

battery clip.6. Connect the calibration unit

BNC to the radio antenna connector.7. Adjust
the S meter

sensitivity

to read S9. 8. Check meter Zero with no

signal to the radio.9. Recheck S adjustment
for

S9.10. Remove battery from

calibration unit.11. Send the unit to the
next

person that needs it.This is a small unit and
shipping

hopefully will be inexpensive.Let me know if
you are

interested

in using this device.Ken N2LZV

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6958 - Release Date: 12/29/13

3275. Re: [X1M_QRP-Transceiver] Netting on CW

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 17:15:30 UTC
From: <k4tql@...>
Topic: 3272 Message: 3275

Thanks Dale. I'd already planned that but it takes a pretty good ear to match the sidetone to the received tone. Of course, you could quickly key the rig to see if it is close but then you're transmitting on top of the NCS. It would be nice to have a "spot" function where you're actually listening to the tranmit frequency instead of the offset frequency.

Good tip about coming up from the low side. I missed that.

Bruce, K4TQL

3276. Re: [X1M_QRP-Transceiver] Netting on CW

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 17:30:18 UTC
From: Dale Parfitt
Topic: 3272 Message: 3276

Agreed on the tone Bruce- I am a bit tone deaf, so not easy for me, but I don't work nets so not as critical. A spot function would be nice. Have to think about that.

Dale W4OP
----- Original Message -----
From: k4tql@dts-ga.com
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 12:15 PM
Subject: Re: [X1M_QRP-Transceiver] Netting on CW

Thanks Dale. I'd already planned that but it takes a pretty good ear to match the sidetone to the received tone. Of course, you could quickly key the rig to see if it is close but then you're transmitting on top of the NCS. It would be nice to have a "spot" function where you're actually listening to the tranmit frequency instead of the offset frequency.

Good tip about coming up from the low side. I missed that.

Bruce, K4TQL

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6958 - Release Date: 12/29/13

3277. RE: Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 18:39:05 UTC
From: <captpaul1@...>
Topic: 3197 Message: 3277

"I used to live on a boat. Use the back stay. Icom has an atu specifically for outdoor/marine.
Sell it to the xyl as safety not a toy."

For safety, the best piece of radio gear to have is a 406 EPIRB. We don't leave port without one. Second to that would be a marine VHF, which we also have. Weather Fax, which only requires a decent SSB receiver, it also something that is very important for extended trips off shore. I could get a Tecsun PL660 for $100 that would work. Marine HF SSB is something every commercial ship is required to have, but honestly, almost no one uses. Nope, getting a Ham rig is purely for fun. Had an Icon 706 Mk II aboard the last time we went cruising. It was very nice to be able to check in with the maritime nets on 20m every day, mostly to keep our families updated on our progress. It was also great fun to work DX while anchored in some remote spot. But I would never rely on a Ham radio to save my butt in the event of a real emergency.

Sorry for the off topic remarks, but as someone who has spent my entire adult life at sea (both for work and pleasure) I have an opinion on topics like this. ;)

73's
Paul
KF6TIL

3278. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 18:56:19 UTC
From: ua1cex@...
Topic: 3161 Message: 3278

Hi Dale. When I start calling CQ on 14057,8, I did pause for 2sec, after that freq goes up to 14058,5. If I do again pause for 2sec. it goes back to 14057.8. And so all the time up and down. I can hear on another trcvr. X1M shows me only one freq and no shift.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вс, 29 дек 2013 21:00
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Hi Victor,
Is it your TX, RX or both frequencies that go down? Does the display indicate the shift? Does it stay down?

Tnx,

Dale W4OP
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Date: Saturday, December 28, 2013, 11:16 PM

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jazz fan, and I don't listen to much music !!

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helping out.

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To: X1M_QRP-Transceiver@yahoogroups.com

Date: Saturday, December 28, 2013, 9:07 PM

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<1hr so must rush. Get back to you as soon
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can Have a listen if you like jazz

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From: X1M_QRP-Transceiver@yahoogroups.com

[mailto:X1M_QRP-Transceiver@yahoogroups.com]
On Behalf Of

ken fest

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To: X1M_QRP-Transceiver@yahoogroups.com

Subject: RE: [X1M_QRP-Transceiver] S Meter

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I will need your correct shipping address or
is it in QRZ?

Ken N2LZV

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To: X1M_QRP-Transceiver@yahoogroups.com

Date: Saturday, December 28, 2013, 8:16 PM

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Ken, and more than happy to pay for

any associated postage and handling costs.
Of course,

sending it to me will mean it will be out of
circulation

for

more than just a few days although if it is
small and

lightweight, air freight is a possibility I
really

appreciate the work

you’ve done and the offer to share. de
Ian

VK3YIC From: X1M_QRP-Transceiver@yahoogroups.com

[mailto:X1M_QRP-Transceiver@...m]

On Behalf Of

disklog@...

Sent: Sunday, 29 December 2013 12:04 PM

To: X1M_QRP-Transceiver@yahoogroups.com

Subject: RE: [X1M_QRP-Transceiver] S Meter

scale Ian, Today I built up a small

prototype calibration device for calibrating
the S

meter.It appears at this stage that I

will be able to provide switchable 50uv or
100uv output on

this device.The calibration method will

be:1. Choose 50uv or 100uv

output.2. Tune the radio to 15.000

mhz.3. Place the radio into the CW

mode.4. With nothing connected to the

radio Zero the S meter.5. Attach a 9v battery
to the

battery clip.6. Connect the calibration unit

BNC to the radio antenna connector.7. Adjust
the S meter

sensitivity

to read S9. 8. Check meter Zero with no

signal to the radio.9. Recheck S adjustment
for

S9.10. Remove battery from

calibration unit.11. Send the unit to the
next

person that needs it.This is a small unit and
shipping

hopefully will be inexpensive.Let me know if
you are

interested

in using this device.Ken N2LZV

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6958 - Release Date: 12/29/13

3279. Re: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 18:54:32 UTC
From: Joseph Westbrook
Topic: 2963 Message: 3279

Ian:
Thank you for the response. I've been away from the board so sorry for taking so long to respond back to you. Anyway, my version of Win7 is the "Home" Addition. I did try to use compatible mode but, it failed. I've since abandon the Win7 PC for an older XP Machine. All is working well now accept not as much CPU/RAM which takes a hit when running HRD + PSK Software at the same time.

Regards,
K7ZT, Joe

_____
From: Ian Coots <ianrob@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, December 26, 2013 3:55 PM
Subject: RE: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

G’day Joe,

What version of W7 are you having issues with? (W7 Home, W7 Pro etc.)

The professional version of W7 has an inbuilt XP “component” which, from memory has to be “unlocked” but once done, you can run any W7 incompatible programs exactly as they would run in XP.

This is not available in the home edition.

You just navigate to the program using “My Computer”, right click on the program and choose the Compatibility option… worth a try if you have W7 pro.

de Ian VK3YIC

From:X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Joseph Westbrook
Sent: Friday, 27 December 2013 1:29 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

Dave:
Sorry for my absence from the board. Anyway, thanks for the offer to test the X1M but, don't bother. I moved my X1M to an XP Machine and it is working very well. I have discovered many Win7 issues with all kinds of Ham Radio Programs. It seems that Microsoft abandon some drivers, just dropped them or the applications/drivers developers didn't revise them for Win7. I just got tired of all of the issues surrounding Win7 so I'm back on an older but working computer :-(

73's DE K7ZT, Joe

From:"Bastress, David G" <bastress@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, December 19, 2013 2:10 PM
Subject: Re: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

Joseph,

If you would like I can drag my X1M and cable to work where the computer runs W7 Enterprise and see if I get the BSOD or other nasty reactions. I have FLDIGI installed there also.

When I first plugged the interface cable in my machine at home it assigned it Com port 6. My regular installation uses Com Port 1 for control of my TS-2000. Info transfer seems very fast.

Dave K3GAU
On Thu, Dec 19, 2013 at 2:51 PM, Joseph Westbrook <k7zt@...> wrote:

David:
Thanks for the suggestions. I can live with the delay issue but the Blue Screen is a real hassle. I tried un-installing HRD and the driver. Reloaded and the problem.. I'm beginning to think that it has more to do with Win7. I've had issues with other Ham Radio Applications and after doing some research the root problem had to do with the drivers, or lack of for Win7. I never had issues with XP. I do have another PC with XP but it older and not anywhere as near as robust as my Win7 Machine. I did try to use FLDIGI and can't seem to get it to talk to the serial port. Any thanks again for the assistance!
73

- K7ZT, Joe

From:"Bastress, David G" <bastress@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 18, 2013 8:48 AM
Subject: Re: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

GM Joe,

I don't know if this will give you any insight or not. I bought the programming cable with the X1M.

My computer uses XP and I don't use HRD but I have tried rig / computer control running FLDIGI. With my setup, there seems to be a second or two delay between stimulus and response either way the command goes. (rig>computer or computer>rig) It seems like it may be an X1M thing more than a programing cable thing. :-)

Dave K3GAU
On Wed, Dec 18, 2013 at 9:07 AM, Joseph Westbrook <k7zt@...> wrote:

I have a stable (normally) working Win 7 PC. I bought the X1M Programming Cable and it doesn't seem to function very well. I purchased and I'm still awaiting the new "Pro" Panel. In the mean time, I've been using the XM1 with HRD and the performance is very poor. When attempting to change frequencies, HRD almost always hesitates which is really frustrating! Eventually after running for a few minutes, HRD will either lock up or the computer will "blue screen" because of this, I'm concerned about using this set up to update my firmware with my Win 7 PC. Is there anyone out there who have had similar

issues? I have attempted various port settings including flow control, speed, etc. to no avail. Any input would be appreciated.

Thanks,
K7ZT, Joe

3280. Re: [X1M_QRP-Transceiver] RE: Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 18:58:01 UTC
From: mikejmardis@...
Topic: 3197 Message: 3280

Paul,
My comment about safety was a XYL jest. I assure you I don't need to be lectured on appropriate safety measures and realistic safety procedures. I can also tell you that my hobby in a remote marine environment would not depend on either of your choices.

Sent from my iPhone

> On Dec 29, 2013, at 13:39, <captpaul1@...> wrote:
>
> "I used to live on a boat. Use the back stay. Icom has an atu specifically for outdoor/marine.
>
> Sell it to the xyl as safety not a toy."
>
> For safety, the best piece of radio gear to have is a 406 EPIRB. We don't leave port without one. Second to that would be a marine VHF, which we also have. Weather Fax, which only requires a decent SSB receiver, it also something that is very important for extended trips off shore. I could get a Tecsun PL660 for $100 that would work. Marine HF SSB is something every commercial ship is required to have, but honestly, almost no one uses. Nope, getting a Ham rig is purely for fun. Had an Icon 706 Mk II aboard the last time we went cruising. It was very nice to be able to check in with the maritime nets on 20m every day, mostly to keep our families updated on our progress. It was also great fun to work DX while anchored in some remote spot. But I would never rely on a Ham radio to save my butt in the event of a real emergency.
>
> Sorry for the off topic remarks, but as someone who has spent my entire adult life at sea (both for work and pleasure) I have an opinion on topics like this. ;)
>
> 73's
> Paul
> KF6TIL
>

3281. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 19:14:22 UTC
From: Dale Parfitt
Topic: 3161 Message: 3281

Thanks Victor. What is your CW Tone setting?

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 1:56 PM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Hi Dale. When I start calling CQ on 14057,8, I did pause for 2sec, after that freq goes up to 14058,5. If I do again pause for 2sec. it goes back to 14057.8. And so all the time up and down. I can hear on another trcvr. X1M shows me only one freq and no shift.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вс, 29 дек 2013 21:00
Subject: Re: [X1M_QRP-Transceiver] New firmware.

☐

Hi Victor,
Is it your TX, RX or both frequencies that go down? Does the display indicate the shift? Does it stay down?

Tnx,

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 2:03 AM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

I have to say. Many users of X1M very happy of this devise, but not me. I want to have a real working trcvr and do not waiting for ten years, while they improve there unsuers. I am very disappointed.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вс, 29 дек 2013 10:55
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Hi friends. I reinstalled firmware. Now, first dot appeared again. But, when I calling CQ, and give a pause for 2-3sec, my freq, goes down for about 300-400hz down. It is crazy situation.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: "Charlie , W5COV" <cvest@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вс, 29 дек 2013 8:41
Subject: Re: [X1M_QRP-Transceiver] S Meter scale

I too was thrilled when Ian gave me a shout out the first time I listened to his program. Amazing an FM station on another continent !!

I saw Dudley on TV after he got so ill and I could barely tell he was even the same person that I had enjoyed and laughed at for so long.

Charlie, W5COV

On 12/28/2013 10:19 PM, ken fest wrote:

Charlie, Ian,
First time I have ever heard my name coming from a professional radio broadcast. And from so far away too!
Dudley was a real talent sad how sick he became at the end.
Ken N2LZV

On Sat, 12/28/13, Charlie , W5COV <cvest@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Saturday, December 28, 2013, 11:16 PM

I am listening too as usual.

Ian told me about it quite a while back and I have since
become a
jazz fan, and I don't listen to much music !!

Thank you from me also Ken for what you do and the
people you are
helping out.

This group is indeed fortunate to have such talent and
people
willing to share with others.

Charlie, W5COV

On 12/28/2013
9:42 PM, ken fest wrote:

I heard you hosting the show with the Dudley
Moore trio.

Cool.

Ken N2LZV

On Sat, 12/28/13, Ian Coots <ianrob@...>
wrote:

Subject: RE: [X1M_QRP-Transceiver] S Meter
scale

To: X1M_QRP-Transceiver@yahoogroups.com

Date: Saturday, December 28, 2013, 9:07 PM

Wow Ken! That’s

service. I’ll check QRZ and let you

know. I prefer PO box but will need to
check

QRZ. On my way out the door…I

produce a radio program on air every fortnight
. starts in

<1hr so must rush. Get back to you as soon
as I

can Have a listen if you like jazz

http://www.947thepulse.com
Regards, Ian Coots
From: X1M_QRP-Transceiver@yahoogroups.com

[mailto:X1M_QRP-Transceiver@yahoogroups.com]
On Behalf Of

ken fest

Sent: Sunday, 29 December 2013 12:43 PM

To: X1M_QRP-Transceiver@...m

Subject: RE: [X1M_QRP-Transceiver] S Meter

scale Ok Ian, let me build the final

version and I will email you when it is ready
to be
shipped.

Should be finished by 3am this morning. I like
to build in

the wee hours as there are no distractions.

I will need your correct shipping address or
is it in QRZ?

Ken N2LZV

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Subject: RE: [X1M_QRP-Transceiver] S Meter
scale

To: X1M_QRP-Transceiver@yahoogroups.com

Date: Saturday, December 28, 2013, 8:16 PM

Most definitely

Ken, and more than happy to pay for

any associated postage and handling costs.
Of course,

sending it to me will mean it will be out of
circulation

for

more than just a few days although if it is
small and

lightweight, air freight is a possibility I
really

appreciate the work

you’ve done and the offer to share. de
Ian

VK3YIC From: X1M_QRP-Transceiver@yahoogroups.com

[mailto:X1M_QRP-Transceiver@yahoogroups.com]

On Behalf Of

disklog@...

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3282. Re: [X1M_QRP-Transceiver] Replacement Final in ver.2 radios

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 19:21:44 UTC
From: Charlie , W5COV
Topic: 3250 Message: 3282

I have a spare, that I hope I never use, but if you all need another person to get the discount price, I'll be happy to take a slot, so it will help everyone else that wants to carry a spare.

Charlie, W5COV

On 12/29/2013 9:20 AM, r-mason@... wrote:
>
> I contacted Eleflow about their version of the 2SC1971 and received a
> nice reply from their sales manager (on a Sunday !)
>
> If anyone else is interested in a spare final for the ver.2 radios,
> and we can get together an order for 10 or more pieces, the total per
> piece cost will be $10 (via PayPal) which includes shipping across
> the pond and US postage to get it to you. DX shipping is certainly
> possible but will be a bit more depending on the destination. UK and
> EU may find it just as economical to order directly from Eleflow.
>
> I will place the order if there is enough interest. Let me know.
>
> Roger N4HSI
>
>

3283. Re: [X1M_QRP-Transceiver] RE: Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 19:35:18 UTC
From: <captpaul1@...>
Topic: 3197 Message: 3283

Sorry Mike. Didn't know you were joking. FYI, I've pretty much decided against an X1M. Looks like a fun rig, but I don't think it's a good match for what I am looking for.

3284. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 20:11:23 UTC
From: ua1cex@...
Topic: 3161 Message: 3284

800hz

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вс, 29 дек 2013 23:14
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Thanks Victor. What is your CW Tone setting?

Dale W4OP
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Sent: вс, 29 дек 2013 21:00
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Date: Saturday, December 28, 2013, 8:16 PM

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Of course,

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for

more than just a few days although if it is
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lightweight, air freight is a possibility I
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appreciate the work

you’ve done and the offer to share. de
Ian

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3285. Re: [X1M_QRP-Transceiver] RE: Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 20:20:39 UTC
From: Charlie , W5COV
Topic: 3197 Message: 3285

Paul, while a great little radio for my use, it is not a one size fits all . Not everyone will find it fits their purpose.

However it has been interesting learning about you and I will now spend more time listening to the Maritime net.

Hopefully you will check in here on the group from time to time and let us know how life at sea is going and where you are. I personally look forward to working you one day, when you find the right radio, and learning more about your adventures.

Best 73, Charlie, W5COV

On 12/29/2013 1:35 PM, captpaul1@... wrote:
>
> Sorry Mike. Didn't know you were joking. FYI, I've pretty much
> decided against an X1M. Looks like a fun rig, but I don't think it's
> a good match for what I am looking for.
>
>

3286. Re: [X1M_QRP-Transceiver] Replacement Final in ver.2 radios

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 20:28:56 UTC
From: r mason
Topic: 3250 Message: 3286

Thanks Charlie,
We are up to 3 now :-)

Roger N4HSI

On 12/29/2013 2:21 PM, Charlie , W5COV wrote:
>
> I have a spare, that I hope I never use, but if you all need another
> person to get the discount price, I'll be happy to take a slot, so it
> will help everyone else that wants to carry a spare.
>
> Charlie, W5COV
>
>
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>> I will place the order if there is enough interest. Let me know.
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>> Roger N4HSI
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>

3287. Re: [X1M_QRP-Transceiver] Replacement Final in ver.2 radios

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 20:30:41 UTC
From: mikejmardis@...
Topic: 3250 Message: 3287

Roger, did you get me? I didn't see my post on the thread.
Mike
N1SPZ

Sent from my iPhone

> On Dec 29, 2013, at 15:28, r mason <r-mason@...> wrote:
>
> Thanks Charlie,
> We are up to 3 now :-)
>
> Roger N4HSI
>
>
>> On 12/29/2013 2:21 PM, Charlie , W5COV wrote:
>>
>> I have a spare, that I hope I never use, but if you all need another person to get the discount price, I'll be happy to take a slot, so it will help everyone else that wants to carry a spare.
>>
>> Charlie, W5COV
>>
>>
>>> On 12/29/2013 9:20 AM, r-mason@... wrote:
>>>
>>> I contacted Eleflow about their version of the 2SC1971 and received a nice reply from their sales manager (on a Sunday !)
>>>
>>> If anyone else is interested in a spare final for the ver.2 radios, and we can get together an order for 10 or more pieces, the total per piece cost will be $10 (via PayPal) which includes shipping across the pond and US postage to get it to you. DX shipping is certainly possible but will be a bit more depending on the destination. UK and EU may find it just as economical to order directly from Eleflow.
>>>
>>> I will place the order if there is enough interest. Let me know.
>>>
>>> Roger N4HSI
>>>
>
>

3288. Re: [X1M_QRP-Transceiver] RE: Should I get a X1M?

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 20:35:40 UTC
From: <email4utoo@...>
Topic: 3197 Message: 3288

Charlie, HERE,HERE ! I agree 100% , we would enjoy hearing about Sea Adventures, i was so close to living aboard so many years ago before i got motion sickness , i guess ear issues , used to dive a lot as well, still do when i get a chance, Sea life is so interesting and peaceful at times , lol. 73s

3289. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 20:41:01 UTC
From: Dale Parfitt
Topic: 3161 Message: 3289

I see the unwanted shift is 700Hz- that is why I asked. It might have shed some light into what is going on had the unwanted shift equalled your CW Tone setting.

Dale W4OP
----- Original Message -----
From: ua1cex@mail.ru
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 3:11 PM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

800hz

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вс, 29 дек 2013 23:14
Subject: Re: [X1M_QRP-Transceiver] New firmware.

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Thanks Victor. What is your CW Tone setting?

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Tnx,

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First time I have ever heard my name coming from a professional radio broadcast. And from so far away too!
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QRZ. On my way out the door…I

produce a radio program on air every fortnight
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http://www.947thepulse.com
Regards, Ian Coots

From: X1M_QRP-Transceiver@yahoogroups.com

[mailto:X1M_QRP-Transceiver@yahoogroups.com]
On Behalf Of

ken fest

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VK3YIC From: X1M_QRP-Transceiver@yahoogroups.com

[mailto:X1M_QRP-Transceiver@yahoogroups.com]

On Behalf Of

disklog@...

Sent: Sunday, 29 December 2013 12:04 PM

To: X1M_QRP-Transceiver@yahoogroups.com

Subject: RE: [X1M_QRP-Transceiver] S Meter

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prototype calibration device for calibrating the S

meter.It appears at this stage that I

will be able to provide switchable 50uv or 100uv output on

this device.The calibration method will

be:1. Choose 50uv or 100uv

output.2. Tune the radio to 15.000

mhz.3. Place the radio into the CW

mode.4. With nothing connected to the

radio Zero the S meter.5. Attach a 9v battery to the

battery clip.6. Connect the calibration unit

BNC to the radio antenna connector.7. Adjust the S meter

sensitivity

to read S9. 8. Check meter Zero with no

signal to the radio.9. Recheck S adjustment for

S9.10. Remove battery from

calibration unit.11. Send the unit to the
next

person that needs it.This is a small unit and
shipping

hopefully will be inexpensive.Let me know if
you are

interested

in using this device.Ken N2LZV

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3290. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 20:42:38 UTC
From: ua1cex@...
Topic: 3161 Message: 3290

Yes, Dale. I noticed the same. It looks so, the shift is the same like CW tone.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 0:41
Subject: Re: [X1M_QRP-Transceiver] New firmware.

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3291. Re: [X1M_QRP-Transceiver] Replacement Final in ver.2 radios

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 20:54:40 UTC
From: r mason
Topic: 3250 Message: 3291

Yes, Mike. You're on the list.

Roger N4HSI

On 12/29/2013 3:30 PM, mikejmardis@... wrote:
> Roger, did you get me? I didn't see my post on the thread.
> Mike
> N1SPZ
>
> Sent from my iPhone
>
> On Dec 29, 2013, at 15:28, r mason <r-mason@...
> <mailto:r-mason@...>> wrote:
>
>> Thanks Charlie,
>> We are up to 3 now :-)
>>
>> Roger N4HSI
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>>
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>>> I have a spare, that I hope I never use, but if you all need another
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3292. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 21:01:22 UTC
From: Dale Parfitt
Topic: 3161 Message: 3292

OK- thanks Victor. Anyone else having this issue?

Dale W4OP
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disklog@...

Sent: Sunday, 29 December 2013 12:04 PM

To: X1M_QRP-Transceiver@yahoogroups.com

Subject: RE: [X1M_QRP-Transceiver] S Meter

scale Ian, Today I built up a small

prototype calibration device for calibrating
the S

meter.It appears at this stage that I

will be able to provide switchable 50uv or
100uv output on

this device.The calibration method will

be:1. Choose 50uv or 100uv

output.2. Tune the radio to 15.000

mhz.3. Place the radio into the CW

mode.4. With nothing connected to the

radio Zero the S meter.5. Attach a 9v battery
to the

battery clip.6. Connect the calibration unit

BNC to the radio antenna connector.7. Adjust
the S meter

sensitivity

to read S9. 8. Check meter Zero with no

signal to the radio.9. Recheck S adjustment
for

S9.10. Remove battery from

calibration unit.11. Send the unit to the
next

person that needs it.This is a small unit and
shipping

hopefully will be inexpensive.Let me know if
you are

interested

in using this device.Ken N2LZV

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6958 - Release Date: 12/29/13

No virus found in this message.
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Version: 2014.0.4259 / Virus Database: 3658/6958 - Release Date: 12/29/13

3293. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 21:04:21 UTC
From: ua1cex@...
Topic: 3161 Message: 3293

Dale, I think, to reinstall firmware again. But, I can do it in two days.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 1:01
Subject: Re: [X1M_QRP-Transceiver] New firmware.

OK- thanks Victor. Anyone else having this issue?

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 3:42 PM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Yes, Dale. I noticed the same. It looks so, the shift is the same like CW tone.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@frontier.com>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 0:41
Subject: Re: [X1M_QRP-Transceiver] New firmware.

☐

I see the unwanted shift is 700Hz- that is why I asked. It might have shed some light into what is going on had the unwanted shift equalled your CW Tone setting.

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 3:11 PM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

800hz

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@frontier.com>
To: X1M_QRP-Transceiver@yahoogroups.com

Sent: вс, 29 дек 2013 23:14
Subject: Re: [X1M_QRP-Transceiver] New firmware.

☐

Thanks Victor. What is your CW Tone setting?

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 1:56 PM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Hi Dale. When I start calling CQ on 14057,8, I did pause for 2sec, after that freq goes up to 14058,5. If I do again pause for 2sec. it goes back to 14057.8. And so all the time up and down. I can hear on another trcvr. X1M shows me only one freq and no shift.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вс, 29 дек 2013 21:00
Subject: Re: [X1M_QRP-Transceiver] New firmware.

☐

Hi Victor,
Is it your TX, RX or both frequencies that go down? Does the display indicate the shift? Does it stay down?

Tnx,

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 2:03 AM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

I have to say. Many users of X1M very happy of this devise, but not me. I want to have a real working trcvr and do not waiting for ten years, while they improve there unsuers. I am very disappointed.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вс, 29 дек 2013 10:55
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Hi friends. I reinstalled firmware. Now, first dot appeared again. But, when I calling CQ, and give a pause for 2-3sec, my freq, goes down for about 300-400hz down. It is crazy situation.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: "Charlie , W5COV" <cvest@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вс, 29 дек 2013 8:41
Subject: Re: [X1M_QRP-Transceiver] S Meter scale

I too was thrilled when Ian gave me a shout out the first time I listened to his program. Amazing an FM station on another continent !!

I saw Dudley on TV after he got so ill and I could barely tell he was even the same person that I had enjoyed and laughed at for so long.

Charlie, W5COV

On 12/28/2013 10:19 PM, ken fest wrote:

Charlie, Ian,
First time I have ever heard my name coming from a professional radio broadcast. And from so far away too!
Dudley was a real talent sad how sick he became at the end.
Ken N2LZV

On Sat, 12/28/13, Charlie , W5COV <cvest@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Saturday, December 28, 2013, 11:16 PM

I am listening too as usual.

Ian told me about it quite a while back and I have since
become a
jazz fan, and I don't listen to much music !!

Thank you from me also Ken for what you do and the
people you are
helping out.

This group is indeed fortunate to have such talent and
people
willing to share with others.

Charlie, W5COV

On 12/28/2013
9:42 PM, ken fest wrote:

I heard you hosting the show with the Dudley
Moore trio.

Cool.

Ken N2LZV

On Sat, 12/28/13, Ian Coots <ianrob@...>
wrote:

Subject: RE: [X1M_QRP-Transceiver] S Meter
scale

To: X1M_QRP-Transceiver@yahoogroups.com

Date: Saturday, December 28, 2013, 9:07 PM

Wow Ken! That’s

service. I’ll check QRZ and let you

know. I prefer PO box but will need to
check

QRZ. On my way out the door…I

produce a radio program on air every fortnight
. starts in

<1hr so must rush. Get back to you as soon
as I

can Have a listen if you like jazz

http://www.947thepulse.com
Regards, Ian Coots
From: X1M_QRP-Transceiver@yahoogroups.com

[mailto:X1M_QRP-Transceiver@yahoogroups.com]
On Behalf Of

ken fest

Sent: Sunday, 29 December 2013 12:43 PM

To: X1M_QRP-Transceiver@yahoogroups.com

Subject: RE: [X1M_QRP-Transceiver] S Meter

scale Ok Ian, let me build the final

version and I will email you when it is ready
to be
shipped.

Should be finished by 3am this morning. I like
to build in

the wee hours as there are no distractions.

I will need your correct shipping address or
is it in QRZ?

Ken N2LZV

On Sat, 12/28/13, Ian Coots <ianrob@ncable.net.au>

wrote:

Subject: RE: [X1M_QRP-Transceiver] S Meter
scale

To: X1M_QRP-Transceiver@yahoogroups.com

Date: Saturday, December 28, 2013, 8:16 PM

Most definitely

Ken, and more than happy to pay for

any associated postage and handling costs.
Of course,

sending it to me will mean it will be out of
circulation

for

more than just a few days although if it is
small and

lightweight, air freight is a possibility I
really

appreciate the work

you’ve done and the offer to share. de
Ian

VK3YIC From: X1M_QRP-Transceiver@yahoogroups.com

[mailto:X1M_QRP-Transceiver@yahoogroups.com]

On Behalf Of

disklog@...

Sent: Sunday, 29 December 2013 12:04 PM

To: X1M_QRP-Transceiver@yahoogroups.com

Subject: RE: [X1M_QRP-Transceiver] S Meter

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Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6958 - Release Date: 12/29/13

3294. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 21:19:52 UTC
From: mikejmardis@...
Topic: 3161 Message: 3294

I have not had a chance to do the upgrade. But, I will check on this issue specifically when I do it tonight or tomorrow.
Mike
N1SPZ

Sent from my iPhone

> On Dec 29, 2013, at 16:01, "Dale Parfitt" <parinc1@...> wrote:
>
> □
>
> OK- thanks Victor. Anyone else having this issue?
>
> Dale W4OP
> ----- Original Message -----
> From: ua1cex@...
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: Sunday, December 29, 2013 3:42 PM
> Subject: Re: [X1M_QRP-Transceiver] New firmware.
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>
> Yes, Dale. I noticed the same. It looks so, the shift is the same like CW tone.
>
> 73/72 - Victor, UA1CEX.
>
> -----Original Message-----
> From: Dale Parfitt <parinc1@...>
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: пн, 30 дек 2013 0:41
> Subject: Re: [X1M_QRP-Transceiver] New firmware.
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> I see the unwanted shift is 700Hz- that is why I asked. It might have shed some light into what is going on had the unwanted shift equalled your CW Tone setting.
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> From: Dale Parfitt <parinc1@frontier.com>
> To: X1M_QRP-Transceiver@yahoogroups.com
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> Tnx,
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> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: вс, 29 дек 2013 8:41
> Subject: Re: [X1M_QRP-Transceiver] S Meter scale
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> I too was thrilled when Ian gave me a shout out the first time I listened to his program. Amazing an FM station on another continent !!
>
> I saw Dudley on TV after he got so ill and I could barely tell he was even the same person that I had enjoyed and laughed at for so long.
>
> Charlie, W5COV
>
>
>> On 12/28/2013 10:19 PM, ken fest wrote:
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>> Charlie, Ian,
>> First time I have ever heard my name coming from a professional radio broadcast. And from so far away too!
>> Dudley was a real talent sad how sick he became at the end.
>> Ken N2LZV
>> ---
>> On Sat, 12/28/13, Charlie , W5COV <cvest@...> wrote:
>>
>> Subject: Re: [X1M_QRP-Transceiver] S Meter scale
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Date: Saturday, December 28, 2013, 11:16 PM
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>> I am listening too as usual.
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>>
>> Ian told me about it quite a while back and I have since
>> become a
>> jazz fan, and I don't listen to much music !!
>>
>>
>>
>> Thank you from me also Ken for what you do and the
>> people you are
>> helping out.
>>
>>
>>
>> This group is indeed fortunate to have such talent and
>> people
>> willing to share with others.
>>
>>
>>
>> Charlie, W5COV

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>> On 12/28/2013
>> 9:42 PM, ken fest wrote:
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>> I heard you hosting the show with the Dudley
>> Moore trio.
>> Cool.
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>> Ken N2LZV
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>> Wow Ken! That's
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>> service. I'll check QRZ and let you
>>
>> know. I prefer PO box but will need to
>> check
>>
>> QRZ. On my way out the door…I
>>
>> produce a radio program on air every fortnight
>> . starts in
>>
>> <1hr so must rush. Get back to you as soon
>> as I
>>
>> can Have a listen if you like jazz
>>
>> http://www.947thepulse.com
>> Regards, Ian Coots
>> From: X1M_QRP-Transceiver@yahoogroups.com
>>

>> [mailto:X1M_QRP-Transceiver@yahoogroups.com]
>> On Behalf Of
>>
>> ken fest
>>
>> Sent: Sunday, 29 December 2013 12:43 PM
>>
>> To: X1M_QRP-Transceiver@yahoogroups.com
>>
>> Subject: RE: [X1M_QRP-Transceiver] S Meter
>>
>> scale Ok Ian, let me build the final
>>
>> version and I will email you when it is ready
>> to be
>> shipped.
>>
>> Should be finished by 3am this morning. I like
>> to build in
>>
>> the wee hours as there are no distractions.
>>
>> I will need your correct shipping address or
>> is it in QRZ?
>>
>> Ken N2LZV
>>
>>
>>
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>> On Sat, 12/28/13, Ian Coots <ianrob@ncable.net.au>
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>> wrote:
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>> Most definitely
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>> Ken, and more than happy to pay for
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>> any associated postage and handling costs.
>> Of course,
>>
>> sending it to me will mean it will be out of

>> circulation
>>
>> for
>>
>> more than just a few days although if it is
>> small and
>>
>> lightweight, air freight is a possibility I
>> really
>>
>> appreciate the work
>>
>> you've done and the offer to share. de
>> Ian
>>
>> VK3YIC From: X1M_QRP-Transceiver@yahoogroups.com
>>
>> [mailto:X1M_QRP-Transceiver@yahoogroups.com]
>>
>> On Behalf Of
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>> disklog@...
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>>
>> to read S9. 8. Check meter Zero with no
>>
>> signal to the radio.9. Recheck S adjustment
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>>
>> S9.10. Remove battery from
>>
>> calibration unit.11. Send the unit to the
>> next
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>> person that needs it.This is a small unit and
>> shipping
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>> hopefully will be inexpensive.Let me know if
>> you are
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>> interested
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>> in using this device.Ken N2LZV
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3295. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 21:21:46 UTC
From: Dale Parfitt
Topic: 3161 Message: 3295

Worth a try Victor. We'll report the bug as soon as you do one more update.

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 4:04 PM
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□

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800hz

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To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вс, 29 дек 2013 23:14
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☐

Thanks Victor. What is your CW Tone setting?

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 1:56 PM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Hi Dale. When I start calling CQ on 14057,8, I did pause for 2sec, after that freq goes up to 14058,5. If I do again pause for 2sec. it goes back to 14057.8. And so all the time up and down. I can hear on another trcvr. X1M shows me only one freq and no shift.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вс, 29 дек 2013 21:00
Subject: Re: [X1M_QRP-Transceiver] New firmware.

☐

Hi Victor,
Is it your TX, RX or both frequencies that go down? Does the display indicate the shift? Does it stay down?

Tnx,

Dale W4OP
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To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 2:03 AM
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I have to say. Many users of X1M very happy of this devise, but not me. I want to have a real working trcvr and do not waiting for ten years, while they improve there unsuers. I am very disappointed.

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From: "Charlie , W5COV" <cvest@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вс, 29 дек 2013 8:41
Subject: Re: [X1M_QRP-Transceiver] S Meter scale

I too was thrilled when Ian gave me a shout out the first time I listened to his program. Amazing an FM station on another continent !!

I saw Dudley on TV after he got so ill and I could barely tell he was even the same person that I had enjoyed and laughed at for so long.

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On 12/28/2013 10:19 PM, ken fest wrote:

Charlie, Ian,
First time I have ever heard my name coming from a professional radio broadcast. And from so far away too!
Dudley was a real talent sad how sick he became at the end.
Ken N2LZV

On Sat, 12/28/13, Charlie , W5COV <cvest@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Saturday, December 28, 2013, 11:16 PM

I am listening too as usual.

Ian told me about it quite a while back and I have since
become a
jazz fan, and I don't listen to much music !!

Thank you from me also Ken for what you do and the
people you are
helping out.

This group is indeed fortunate to have such talent and
people
willing to share with others.

Charlie, W5COV

On 12/28/2013
9:42 PM, ken fest wrote:

I heard you hosting the show with the Dudley
Moore trio.
Cool.

Ken N2LZV

On Sat, 12/28/13, Ian Coots <ianrob@...t.au>
wrote:

Subject: RE: [X1M_QRP-Transceiver] S Meter
scale

To: X1M_QRP-Transceiver@yahoogroups.com

Date: Saturday, December 28, 2013, 9:07 PM

Wow Ken! That’s

service. I’ll check QRZ and let you

know. I prefer PO box but will need to
check

QRZ. On my way out the door…I

produce a radio program on air every fortnight
. starts in

<1hr so must rush. Get back to you as soon
as I

can Have a listen if you like jazz

http://www.947thepulse.com
Regards, Ian Coots
From: X1M_QRP-Transceiver@yahoogroups.com

[mailto:X1M_QRP-Transceiver@yahoogroups.com]
On Behalf Of

ken fest

Sent: Sunday, 29 December 2013 12:43 PM

To: X1M_QRP-Transceiver@yahoogroups.com

Subject: RE: [X1M_QRP-Transceiver] S Meter

scale Ok Ian, let me build the final

version and I will email you when it is ready
to be
shipped.

Should be finished by 3am this morning. I like
to build in

the wee hours as there are no distractions.

I will need your correct shipping address or
is it in QRZ?

Ken N2LZV

On Sat, 12/28/13, Ian Coots <ianrob@...>

wrote:

Subject: RE: [X1M_QRP-Transceiver] S Meter
scale

To: X1M_QRP-Transceiver@yahoogroups.com

Date: Saturday, December 28, 2013, 8:16 PM

Most definitely

Ken, and more than happy to pay for

any associated postage and handling costs.
Of course,

sending it to me will mean it will be out of
circulation

for

more than just a few days although if it is
small and

lightweight, air freight is a possibility I
really

appreciate the work

you’ve done and the offer to share. de
Ian

VK3YIC From: X1M_QRP-Transceiver@yahoogroups.com

[mailto:X1M_QRP-Transceiver@yahoogroups.com]

On Behalf Of

disklog@...

Sent: Sunday, 29 December 2013 12:04 PM

To: X1M_QRP-Transceiver@yahoogroups.com

Subject: RE: [X1M_QRP-Transceiver] S Meter

scale Ian, Today I built up a small

prototype calibration device for calibrating
the S

meter.It appears at this stage that I

will be able to provide switchable 50uv or
100uv output on

this device.The calibration method will

be:1. Choose 50uv or 100uv

output.2. Tune the radio to 15.000

mhz.3. Place the radio into the CW

mode.4. With nothing connected to the

radio Zero the S meter.5. Attach a 9v battery
to the

battery clip.6. Connect the calibration unit

BNC to the radio antenna connector.7. Adjust
the S meter

sensitivity

to read S9. 8. Check meter Zero with no

signal to the radio.9. Recheck S adjustment
for

S9.10. Remove battery from

calibration unit.11. Send the unit to the
next

person that needs it.This is a small unit and
shipping

hopefully will be inexpensive.Let me know if
you are

interested

in using this device.Ken N2LZV

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6958 - Release Date: 12/29/13

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3296. RE: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 21:31:54 UTC
From: Ian Coots
Topic: 2963 Message: 3296
Attachments: 1 described; binary payloads are missing from this source WARC

All OK Joe. As far as I know the “Home” version does not have the inbuilt XP compatibility, so that is why it didn’t work.

Regards,

Ian Coots

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Joseph Westbrook
Sent: Monday, 30 December 2013 5:55 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

Ian:

Thank you for the response. I've been away from the board so sorry for taking so long to respond back to you. Anyway, my version of Win7 is the "Home" Addition. I did try to use compatible mode but, it failed. I've since abandon the Win7 PC for an older XP Machine. All is working well now accept not as much CPU/RAM which takes a hit when running HRD + PSK Software at the same time.

Regards,

K7ZT, Joe

From: Ian Coots <ianrob@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, December 26, 2013 3:55 PM
Subject: RE: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

G’day Joe,

What version of W7 are you having issues with? (W7 Home, W7 Pro etc.)

The professional version of W7 has an inbuilt XP “component” which, from memory has to be “unlocked” but once done, you can run any W7 incompatible programs exactly as they would run in XP.

This is not available in the home edition.

You just navigate to the program using “My Computer”, right click on the program and choose the Compatibility option… worth a try if you have W7 pro.

de Ian VK3YIC

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Joseph Westbrook
Sent: Friday, 27 December 2013 1:29 AM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

Dave:

Sorry for my absence from the board. Anyway, thanks for the offer to test the X1M but, don't bother. I moved my X1M to an XP Machine and it is working very well. I have discovered many Win7 issues with all kinds of Ham Radio Programs. It seems that Microsoft abandon some drivers, just dropped them or the applications/drivers developers didn't revise them for Win7. I just got tired of all of the issues surrounding Win7 so I'm back on an older but working computer :-(

73's DE K7ZT, Joe

From: "Bastress, David G" <bastress@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Thursday, December 19, 2013 2:10 PM
Subject: Re: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

Joseph,

If you would like I can drag my X1M and cable to work where the computer runs W7 Enterprise and see if I get the BSOD or other nasty reactions. I have FLDIGI installed there also.

When I first plugged the interface cable in my machine at home it assigned it Com port 6. My regular installation uses Com Port 1 for control of my TS-2000. Info transfer seems very fast.

Dave K3GAU

On Thu, Dec 19, 2013 at 2:51 PM, Joseph Westbrook <k7zt@att.net> wrote:

David:

Thanks for the suggestions. I can live with the delay issue but the Blue Screen is a real hassle. I tried un-installing HRD and the driver. Reloaded and the problem.. I'm beginning to think that it has more to do with Win7. I've had issues with other Ham Radio Applications and after doing some research the root problem had to do with the drivers, or lack of for Win7. I never had issues with XP. I do have another PC with XP but it older and not anywhere as near as robust as my Win7 Machine. I did try to use FLDIGI and can't seem to get it to talk to the serial port. Any thanks again for the assistance!

73

- K7ZT, Joe

From: "Bastress, David G" <bastress@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Wednesday, December 18, 2013 8:48 AM
Subject: Re: [X1M_QRP-Transceiver] Programming Cable and Blue Screen of Death

GM Joe,

I don't know if this will give you any insight or not. I bought the programming cable with the X1M.

My computer uses XP and I don't use HRD but I have tried rig / computer control running FLDIGI. With my setup, there seems to be a second or two delay between stimulus and response either way the command goes. (rig>computer or computer>rig) It seems like it may be an X1M thing more than a programing cable thing. :-)

Dave K3GAU

On Wed, Dec 18, 2013 at 9:07 AM, Joseph Westbrook <k7zt@...> wrote:

I have a stable (normally) working Win 7 PC. I bought the X1M Programming Cable and it doesn't seem to function very well. I purchased and I'm still awaiting the new "Pro" Panel. In the mean time, I've been using the XM1 with HRD and the performance is very poor. When attempting to change frequencies, HRD almost always hesitates which is really frustrating! Eventually after running for a few minutes, HRD will either lock up or the computer will "blue screen" because of this, I'm concerned about using this set up to update my firmware with my Win 7 PC. Is there anyone out there who have had similar issues? I have attempted various port settings including flow control, speed, etc. to no avail. Any input would be appreciated.

Thanks,

K7ZT, Joe

3297. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 21:34:17 UTC
From: ua1cex@...
Topic: 3161 Message: 3297

Ok, Dale, let you know in two days.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 1:21
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Worth a try Victor. We'll report the bug as soon as you do one more update.

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 4:04 PM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Dale, I think, to reinstall firmware again. But, I can do it in two days.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 1:01
Subject: Re: [X1M_QRP-Transceiver] New firmware.

☐

OK- thanks Victor. Anyone else having this issue?

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 3:42 PM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Yes, Dale. I noticed the same. It looks so, the shift is the same like CW tone.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 0:41

Subject: Re: [X1M_QRP-Transceiver] New firmware.

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I see the unwanted shift is 700Hz- that is why I asked. It might have shed some light into what is going on had the unwanted shift equalled your CW Tone setting.

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Sent: Sunday, December 29, 2013 3:11 PM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

800hz

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вс, 29 дек 2013 23:14
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Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Saturday, December 28, 2013, 11:16 PM

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<1hr so must rush. Get back to you as soon
as I

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[mailto:X1M_QRP-Transceiver@yahoogroups.com]
On Behalf Of

ken fest

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To: X1M_QRP-Transceiver@yahoogroups.com

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to be
shipped.

Should be finished by 3am this morning. I like
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the wee hours as there are no distractions.

I will need your correct shipping address or
is it in QRZ?

Ken N2LZV

On Sat, 12/28/13, Ian Coots <ianrob@....au>

wrote:

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scale

To: X1M_QRP-Transceiver@...m

Date: Saturday, December 28, 2013, 8:16 PM

Most definitely

Ken, and more than happy to pay for

any associated postage and handling costs.
Of course,

sending it to me will mean it will be out of
circulation

for

more than just a few days although if it is
small and

lightweight, air freight is a possibility I
really

appreciate the work

you’ve done and the offer to share. de
Ian

VK3YIC From: X1M_QRP-Transceiver@yahoogroups.com

[mailto:X1M_QRP-Transceiver@yahoogroups.com]

On Behalf Of

disklog@...

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to read S9. 8. Check meter Zero with no

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hopefully will be inexpensive.Let me know if
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3298. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 22:28:55 UTC
From: Charlie , W5COV
Topic: 3161 Message: 3298

In addition to Dale's question, which we really would like to hear from people with ANY issue with this new firmware , could you also provide us with a link or location to the firmware that you are using to upgrade with?

We want to see if perhaps more than one version is out there.

Thanks for everyones help.

Charlie, W5COV

On 12/29/2013 3:01 PM, Dale Parfitt wrote:
>
> □
>
> OK- thanks Victor. Anyone else having this issue?
> Dale W4OP
>
> ----- Original Message -----
> *From:* ua1cex@... <mailto:ua1cex@...>
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> ----- Original Message -----
> *From:* ua1cex@... <mailto:ua1cex@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Sunday, December 29, 2013 2:03 AM
> *Subject:* Re: [X1M_QRP-Transceiver] New firmware.
>
> I have to say. Many users of X1M very happy of this
> devise, but not me. I want to have a real working
> trcvr and do not waiting for ten years, while they
> improve there unsuers. I am very disappointed.
>
> 73/72 - Victor, UA1CEX.
>
> -----Original Message-----
> From: ua1cex@... <mailto:ua1cex@...>
> To: X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> Sent: вс, 29 дек 2013 10:55
> Subject: Re: [X1M_QRP-Transceiver] New firmware.
>
> Hi friends. I reinstalled firmware. Now, first dot
> appeared again. But, when I calling CQ, and give a
> pause for 2-3sec, my freq, goes down for about 300-400
> <tel:300400>hz down. It is crazy situation.
>
> 73/72 - Victor, UA1CEX.
>
> -----Original Message-----
> From: "Charlie , W5COV" <cvest@...>
> To: X1M_QRP-Transceiver@yahoogroups.com
> Sent: вс, 29 дек 2013 8:41
> Subject: Re: [X1M_QRP-Transceiver] S Meter scale
>
> I too was thrilled when Ian gave me a shout out the
> first time I listened to his program. Amazing an FM
> station on another continent !!
>
> I saw Dudley on TV after he got so ill and I could
> barely tell he was even the same person that I had
> enjoyed and laughed at for so long.
>
> Charlie, W5COV
>

>
> On 12/28/2013 10:19 PM, ken fest wrote:
>>
>> Charlie, Ian,
>> First time I have ever heard my name coming from a
>> professional radio broadcast. And from so far away too!
>> Dudley was a real talent sad how sick he became at
>> the end.
>> Ken N2LZV
>> --
>> On Sat, 12/28/13, Charlie , W5COV <cvest@...> wrote:
>>
>> Subject: Re: [X1M_QRP-Transceiver] S Meter scale
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Date: Saturday, December 28, 2013, 11:16 PM
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>> I am listening too as usual.
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>>
>> Ian told me about it quite a while back and I have since
>> become a

>> jazz fan, and I don't listen to much music !!
>>
>>
>>
>> Thank you from me also Ken for what you do and the
>> people you are
>> helping out.
>>
>>
>>
>> This group is indeed fortunate to have such talent and
>> people
>> willing to share with others.
>>
>>
>>
>> Charlie, W5COV
>>
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>> On 12/28/2013
>> 9:42 PM, ken fest wrote:
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>>
>> I heard you hosting the show with the Dudley
>> Moore trio.
>> Cool.
>>
>> Ken N2LZV
>>
>> ---
>>
>> On Sat, 12/28/13, Ian Coots <ianrob@...>
>> wrote:
>>
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>>
>> Subject: RE: [X1M_QRP-Transceiver] S Meter
>> scale
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>> To: X1M_QRP-Transceiver@yahoogroups.com
>>
>> Date: Saturday, December 28, 2013, 9:07 PM
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>> Wow Ken! That’s
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>> service. I’ll check QRZ and let you
>>

>> know. I prefer PO box but will need to
>> check
>>
>> QRZ. On my way out the door…I
>>
>> produce a radio program on air every fortnight
>> . starts in
>>
>> <1hr so must rush. Get back to you as soon
>> as I
>>
>> can Have a listen if you like jazz
>>
>> http://www.947thepulse.com
>> Regards, Ian Coots
>> From: X1M_QRP-Transceiver@yahoogroups.com
>>
>> [mailto:X1M_QRP-Transceiver@yahoogroups.com]
>> On Behalf Of
>>
>> ken fest
>>
>> Sent: Sunday, 29 December 2013 12:43 PM
>>
>> To: X1M_QRP-Transceiver@yahoogroups.com
>>
>> Subject: RE: [X1M_QRP-Transceiver] S Meter
>>
>> scale Ok Ian, let me build the final
>>
>> version and I will email you when it is ready
>> to be
>> shipped.
>>
>> Should be finished by 3am this morning. I like
>> to build in
>>
>> the wee hours as there are no distractions.
>>
>> I will need your correct shipping address or
>> is it in QRZ?
>>
>> Ken N2LZV
>>
>>
>>
>> ---
>>
>> On Sat, 12/28/13, Ian Coots <ianrob@...>

>>
>> wrote:
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>>
>> Subject: RE: [X1M_QRP-Transceiver] S Meter
>> scale
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>> To: X1M_QRP-Transceiver@yahoogroups.com
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>> Date: Saturday, December 28, 2013, 8:16 PM
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>> Most definitely
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>> Ken, and more than happy to pay for
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>> any associated postage and handling costs.
>> Of course,
>>
>> sending it to me will mean it will be out of
>> circulation
>>
>> for
>>
>> more than just a few days although if it is
>> small and
>>
>> lightweight, air freight is a possibility I
>> really
>>
>> appreciate the work
>>
>> you've done and the offer to share. de
>> Ian
>>
>> VK3YIC From: X1M_QRP-Transceiver@yahoogroups.com
>>
>> [mailto:X1M_QRP-Transceiver@yahoogroups.com]
>>
>> On Behalf Of
>>
>> disklog@...
>>
>> Sent: Sunday, 29 December 2013 12:04 PM
>>
>> To: X1M_QRP-Transceiver@yahoogroups.com
>>
>> Subject: RE: [X1M_QRP-Transceiver] S Meter
>>
>> scale Ian, Today I built up a small
>>
>> prototype calibration device for calibrating

>> the S
>>
>> meter.It appears at this stage that I
>>
>> will be able to provide switchable 50uv or
>> 100uv output on
>>
>> this device.The calibration method will
>>
>> be:1. Choose 50uv or 100uv
>>
>> output.2. Tune the radio to 15.000
>>
>> mhz.3. Place the radio into the CW
>>
>> mode.4. With nothing connected to the
>>
>> radio Zero the S meter.5. Attach a 9v battery
>> to the
>>
>> battery clip.6. Connect the calibration unit
>>
>> BNC to the radio antenna connector.7. Adjust
>> the S meter
>>
>> sensitivity
>>
>> to read S9. 8. Check meter Zero with no
>>
>> signal to the radio.9. Recheck S adjustment
>> for
>>
>> S9.10. Remove battery from
>>
>> calibration unit.11. Send the unit to the
>> next
>>
>> person that needs it.This is a small unit and
>> shipping
>>
>> hopefully will be inexpensive.Let me know if
>> you are
>>
>> interested
>>
>> in using this device.Ken N2LZV
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>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6958 -

> Release Date: 12/29/13
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6958 - Release
> Date: 12/29/13
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6958 - Release
> Date: 12/29/13
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6958 - Release Date:
> 12/29/13
>
>

3299. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 22:30:43 UTC
From: mikejmardis@...
Topic: 3161 Message: 3299

Charlie,
I'm assuming the correct link is from wouxun.us, right?
Mike
N1SPZ

Sent from my iPhone

> On Dec 29, 2013, at 17:28, "Charlie , W5COV" <cvest@...> wrote:
>
> In addition to Dale's question, which we really would like to hear from people with ANY issue with this new firmware , could you also provide us with a link or location to the firmware that you are using to upgrade with?
>
> We want to see if perhaps more than one version is out there.
>
> Thanks for everyones help.
>
> Charlie, W5COV
>
>> On 12/29/2013 3:01 PM, Dale Parfitt wrote:
>>
>> □
>>
>> OK- thanks Victor. Anyone else having this issue?
>>
>> Dale W4OP
>> ----- Original Message -----
>> From: ua1cex@...
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: Sunday, December 29, 2013 3:42 PM
>> Subject: Re: [X1M_QRP-Transceiver] New firmware.
>>
>>
>> Yes, Dale. I noticed the same. It looks so, the shift is the same like CW tone.
>>
>> 73/72 - Victor, UA1CEX.
>>
>> -----Original Message-----
>> From: Dale Parfitt <parinc1@frontier.com>
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: пн, 30 дек 2013 0:41
>> Subject: Re: [X1M_QRP-Transceiver] New firmware.
>>
>>
>> □
>>

>> I see the unwanted shift is 700Hz- that is why I asked. It might have shed some light into what is going on had the unwanted shift equalled your CW Tone setting.
>>
>> Dale W4OP
>> ----- Original Message -----
>> From: ua1cex@...
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: Sunday, December 29, 2013 3:11 PM
>> Subject: Re: [X1M_QRP-Transceiver] New firmware.
>>
>>
>> 800hz
>>
>> 73/72 - Victor, UA1CEX.
>>
>> -----Original Message-----
>> From: Dale Parfitt <parinc1@frontier.com>
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: вс, 29 дек 2013 23:14
>> Subject: Re: [X1M_QRP-Transceiver] New firmware.
>>
>>
>> □
>>
>> Thanks Victor. What is your CW Tone setting?
>>
>> Dale W4OP
>> ----- Original Message -----
>> From: ua1cex@...
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: Sunday, December 29, 2013 1:56 PM
>> Subject: Re: [X1M_QRP-Transceiver] New firmware.
>>
>>
>> Hi Dale. When I start calling CQ on 14057,8, I did pause for 2sec, after that freq goes up to 14058,5. If I do again pause for 2sec. it goes back to 14057.8. And so all the time up and down. I can hear on another trcvr. X1M shows me only one freq and no shift.
>>
>> 73/72 - Victor, UA1CEX.
>>
>> -----Original Message-----
>> From: Dale Parfitt <parinc1@frontier.com>
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: вс, 29 дек 2013 21:00
>> Subject: Re: [X1M_QRP-Transceiver] New firmware.
>>
>>
>> □
>>

>> Hi Victor,
>> Is it your TX, RX or both frequencies that go down? Does the display indicate the shift? Does it stay down?
>>
>> Tnx,
>>
>> Dale W4OP
>> ----- Original Message -----
>> From: ua1cex@...
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: Sunday, December 29, 2013 2:03 AM
>> Subject: Re: [X1M_QRP-Transceiver] New firmware.
>>
>>
>> I have to say. Many users of X1M very happy of this devise, but not me. I want to have a real working trcvr and do not waiting for ten years, while they improve there unsuers. I am very disappointed.
>>
>> 73/72 - Victor, UA1CEX.
>>
>> -----Original Message-----
>> From: ua1cex@...
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: вс, 29 дек 2013 10:55
>> Subject: Re: [X1M_QRP-Transceiver] New firmware.
>>
>>
>> Hi friends. I reinstalled firmware. Now, first dot appeared again. But, when I calling CQ, and give a pause for 2-3sec, my freq, goes down for about 300-400hz down. It is crazy situation.
>>
>> 73/72 - Victor, UA1CEX.
>>
>> -----Original Message-----
>> From: "Charlie , W5COV" <cvest@...>
>> To: X1M_QRP-Transceiver@yahoogroups.com
>> Sent: вс, 29 дек 2013 8:41
>> Subject: Re: [X1M_QRP-Transceiver] S Meter scale
>>
>>
>> I too was thrilled when Ian gave me a shout out the first time I listened to his program. Amazing an FM station on another continent !!
>>
>> I saw Dudley on TV after he got so ill and I could barely tell he was even the same person that I had enjoyed and laughed at for so long.
>>
>> Charlie, W5COV
>>
>>
>>> On 12/28/2013 10:19 PM, ken fest wrote:
>>>
>>> Charlie, Ian,

>>> First time I have ever heard my name coming from a professional radio broadcast. And from so far away too!
>>> Dudley was a real talent sad how sick he became at the end.
>>> Ken N2LZV
>>> --
>>> On Sat, 12/28/13, Charlie , W5COV <cvest@...> wrote:
>>>
>>> Subject: Re: [X1M_QRP-Transceiver] S Meter scale
>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>> Date: Saturday, December 28, 2013, 11:16 PM
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>>> I am listening too as usual.
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>>> Ian told me about it quite a while back and I have since
>>> become a
>>> jazz fan, and I don't listen to much music !!
>>>
>>>
>>>
>>> Thank you from me also Ken for what you do and the
>>> people you are

>>> helping out.
>>>
>>>
>>>
>>> This group is indeed fortunate to have such talent and
>>> people
>>> willing to share with others.
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>>> Charlie, W5COV
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>>> On 12/28/2013
>>> 9:42 PM, ken fest wrote:
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>>>
>>> I heard you hosting the show with the Dudley
>>> Moore trio.
>>> Cool.
>>>
>>> Ken N2LZV
>>>
>>> ---
>>>
>>> On Sat, 12/28/13, Ian Coots <ianrob@...>
>>> wrote:
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>>>
>>> Subject: RE: [X1M_QRP-Transceiver] S Meter
>>> scale
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>>> To: X1M_QRP-Transceiver@yahoogroups.com
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>>> Date: Saturday, December 28, 2013, 9:07 PM
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>>> Wow Ken! That’s
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>>> service. I’ll check QRZ and let you
>>>
>>> know. I prefer PO box but will need to
>>> check
>>>
>>> QRZ. On my way out the door…I
>>>
>>> produce a radio program on air every fortnight

>>> . starts in
>>>
>>> <1hr so must rush. Get back to you as soon
>>> as I
>>>
>>> can Have a listen if you like jazz
>>>
>>> http://www.947thepulse.com
>>> Regards, Ian Coots
>>> From: X1M_QRP-Transceiver@yahoogroups.com
>>>
>>> [mailto:X1M_QRP-Transceiver@yahoogroups.com]
>>> On Behalf Of
>>>
>>> ken fest
>>>
>>> Sent: Sunday, 29 December 2013 12:43 PM
>>>
>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>
>>> Subject: RE: [X1M_QRP-Transceiver] S Meter
>>>
>>> scale Ok Ian, let me build the final
>>>
>>> version and I will email you when it is ready
>>> to be
>>> shipped.
>>>
>>> Should be finished by 3am this morning. I like
>>> to build in
>>>
>>> the wee hours as there are no distractions.
>>>
>>> I will need your correct shipping address or
>>> is it in QRZ?
>>>
>>> Ken N2LZV
>>>
>>>
>>>
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>>> On Sat, 12/28/13, Ian Coots <ianrob@...>
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>>> wrote:
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>>> Most definitely
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>>> Ken, and more than happy to pay for
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>>> any associated postage and handling costs.
>>> Of course,
>>>
>>> sending it to me will mean it will be out of
>>> circulation
>>>
>>> for
>>>
>>> more than just a few days although if it is
>>> small and
>>>
>>> lightweight, air freight is a possibility I
>>> really
>>>
>>> appreciate the work
>>>
>>> you've done and the offer to share. de
>>> Ian
>>>
>>> VK3YIC From: X1M_QRP-Transceiver@yahoogroups.com
>>>
>>> [mailto:X1M_QRP-Transceiver@yahoogroups.com]
>>>
>>> On Behalf Of
>>>
>>> disklog@...
>>>
>>> Sent: Sunday, 29 December 2013 12:04 PM
>>>
>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>
>>> Subject: RE: [X1M_QRP-Transceiver] S Meter
>>>
>>> scale Ian, Today I built up a small
>>>
>>> prototype calibration device for calibrating
>>> the S
>>>
>>> meter.It appears at this stage that I
>>>
>>> will be able to provide switchable 50uv or
>>> 100uv output on

>>>
>>> this device.The calibration method will
>>>
>>> be:1. Choose 50uv or 100uv
>>>
>>> output.2. Tune the radio to 15.000
>>>
>>> mhz.3. Place the radio into the CW
>>>
>>> mode.4. With nothing connected to the
>>>
>>> radio Zero the S meter.5. Attach a 9v battery
>>> to the
>>>
>>> battery clip.6. Connect the calibration unit
>>>
>>> BNC to the radio antenna connector.7. Adjust
>>> the S meter
>>>
>>> sensitivity
>>>
>>> to read S9. 8. Check meter Zero with no
>>>
>>> signal to the radio.9. Recheck S adjustment
>>> for
>>>
>>> S9.10. Remove battery from
>>>
>>> calibration unit.11. Send the unit to the
>>> next
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>>> person that needs it.This is a small unit and
>>> shipping
>>>
>>> hopefully will be inexpensive.Let me know if
>>> you are
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>>> interested
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>>> in using this device.Ken N2LZV
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>> No virus found in this message.
>> Checked by AVG - www.avg.com
>> Version: 2014.0.4259 / Virus Database: 3658/6958 - Release Date: 12/29/13
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>> Version: 2014.0.4259 / Virus Database: 3658/6958 - Release Date: 12/29/13
>>
>
>

3300. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 22:43:41 UTC
From: Charlie , W5COV
Topic: 3161 Message: 3300

Mike I am using the December 23 version from this link :
http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/files/X1M%20Pro%20Firmware%20Updates/

I assume they are the same, since Ed provided them. I have it on my
radio and one that I also installed on an X1M for a friend and neither
of those radios exhibit any of these issues . I have tried to duplicate
them even running the radio for 24 continuous hours in different CW modes.

Charlie, W5COV

On 12/29/2013 4:30 PM, mikejmardis@... wrote:
> Charlie,
> I'm assuming the correct link is from wouxun.us
> <http://wouxun.us>, right?
> Mike
> N1SPZ
>
> Sent from my iPhone
>
> On Dec 29, 2013, at 17:28, "Charlie , W5COV" <cvest@...
> <mailto:cvest@...>> wrote:
>
>> In addition to Dale's question, which we really would like to hear
>> from people with ANY issue with this new firmware , could you also
>> provide us with a link or location to the firmware that you are using
>> to upgrade with?
>>
>> We want to see if perhaps more than one version is out there.
>>
>> Thanks for everyones help.
>>
>> Charlie, W5COV
>>
>> On 12/29/2013 3:01 PM, Dale Parfitt wrote:
>>>
>>> □
>>>
>>> OK- thanks Victor. Anyone else having this issue?
>>> Dale W4OP
>>>
>>> ----- Original Message -----
>>> *From:* ua1cex@... <mailto:ua1cex@...>
>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>

>>> *Sent:* Sunday, December 29, 2013 3:42 PM
>>> *Subject:* Re: [X1M_QRP-Transceiver] New firmware.
>>>
>>> Yes, Dale. I noticed the same. It looks so, the shift is the
>>> same like CW tone.
>>>
>>> 73/72 - Victor, UA1CEX.
>>>
>>> -----Original Message-----
>>> From: Dale Parfitt <parinc1@...
>>> <mailto:parinc1@...>>
>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>>> Sent: пн, 30 дек 2013 0:41
>>> Subject: Re: [X1M_QRP-Transceiver] New firmware.
>>>
>>> □
>>>
>>> I see the unwanted shift is 700Hz- that is why I asked. It might
>>> have shed some light into what is going on had the unwanted
>>> shift equalled your CW Tone setting.
>>> Dale W4OP
>>>
>>> ----- Original Message -----
>>> *From:* ua1cex@... <mailto:ua1cex@...>
>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>>> *Sent:* Sunday, December 29, 2013 3:11 PM
>>> *Subject:* Re: [X1M_QRP-Transceiver] New firmware.
>>>
>>> 800hz
>>>
>>> 73/72 - Victor, UA1CEX.
>>>
>>> -----Original Message-----
>>> From: Dale Parfitt <parinc1@...
>>> <mailto:parinc1@...>>
>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>>> Sent: вс, 29 дек 2013 23:14
>>> Subject: Re: [X1M_QRP-Transceiver] New firmware.
>>>
>>> □
>>>
>>> Thanks Victor. What is your CW Tone setting?
>>> Dale W4OP
>>>
>>> ----- Original Message -----
>>> *From:* ua1cex@... <mailto:ua1cex@...>

>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>>> *Sent:* Sunday, December 29, 2013 1:56 PM
>>> *Subject:* Re: [X1M_QRP-Transceiver] New firmware.
>>>
>>> Hi Dale. When I start calling CQ on 14057 <tel:14057>,8,
>>> I did pause for 2sec, after that freq goes up to 14058
>>> <tel:14058>,5. If I do again pause for 2sec. it goes
>>> back to 14057.8 <tel:140578>. And so all the time up and
>>> down. I can hear on another trcvr. X1M shows me only one
>>> freq and no shift.
>>>
>>> 73/72 - Victor, UA1CEX.
>>>
>>> -----Original Message-----
>>> From: Dale Parfitt <parinc1@...
>>> <mailto:parinc1@...>>
>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>> Sent: вс, 29 дек 2013 21:00
>>> Subject: Re: [X1M_QRP-Transceiver] New firmware.
>>>
>>> □
>>>
>>> Hi Victor,
>>> Is it your TX, RX or both frequencies that go down? Does
>>> the display indicate the shift? Does it stay down?
>>> Tnx,
>>> Dale W4OP
>>>
>>> ----- Original Message -----
>>> *From:* ua1cex@... <mailto:ua1cex@...>
>>> *To:* X1M_QRP-Transceiver@yahoogroups.com
>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>>> *Sent:* Sunday, December 29, 2013 2:03 AM
>>> *Subject:* Re: [X1M_QRP-Transceiver] New firmware.
>>>
>>> I have to say. Many users of X1M very happy of this
>>> devise, but not me. I want to have a real working
>>> trcvr and do not waiting for ten years, while they
>>> improve there unsuers. I am very disappointed.
>>>
>>> 73/72 - Victor, UA1CEX.
>>>
>>> -----Original Message-----
>>> From: ua1cex@... <mailto:ua1cex@...>
>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
>>> Sent: вс, 29 дек 2013 10:55
>>> Subject: Re: [X1M_QRP-Transceiver] New firmware.

>>>
>>> Hi friends. I reinstalled firmware. Now, first dot
>>> appeared again. But, when I calling CQ, and give a
>>> pause for 2-3sec, my freq, goes down for about
>>> 300-400 <tel:300400>hz down. It is crazy situation.
>>>
>>> 73/72 - Victor, UA1CEX.
>>>
>>> -----Original Message-----
>>> From: "Charlie , W5COV" <cvest@...>
>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>> Sent: вс, 29 дек 2013 8:41
>>> Subject: Re: [X1M_QRP-Transceiver] S Meter scale
>>>
>>> I too was thrilled when Ian gave me a shout out the
>>> first time I listened to his program. Amazing an FM
>>> station on another continent !!
>>>
>>> I saw Dudley on TV after he got so ill and I could
>>> barely tell he was even the same person that I had
>>> enjoyed and laughed at for so long.
>>>
>>> Charlie, W5COV
>>>
>>>
>>> On 12/28/2013 10:19 PM, ken fest wrote:
>>>>
>>>> Charlie, Ian,
>>>> First time I have ever heard my name coming from a
>>>> professional radio broadcast. And from so far away
>>>> too!
>>>> Dudley was a real talent sad how sick he became at
>>>> the end.
>>>> Ken N2LZV
>>>> ---
>>>> On Sat, 12/28/13, Charlie , W5COV <cvest@...>
>>>> wrote:
>>>>
>>>> Subject: Re: [X1M_QRP-Transceiver] S Meter scale
>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>> Date: Saturday, December 28, 2013, 11:16 PM
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>>>> I am listening too as usual.
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>>>>
>>>> Ian told me about it quite a while back and I have
>>>> since
>>>> become a
>>>> jazz fan, and I don't listen to much music !!
>>>>
>>>>
>>>>
>>>> Thank you from me also Ken for what you do and the
>>>> people you are
>>>> helping out.
>>>>
>>>>
>>>>
>>>> This group is indeed fortunate to have such talent and
>>>> people
>>>> willing to share with others.
>>>>
>>>>
>>>>
>>>> Charlie, W5COV
>>>>
>>>>
>>>>
>>>> On 12/28/2013
>>>> 9:42 PM, ken fest wrote:

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>>>>
>>>>
>>>> I heard you hosting the show with the Dudley
>>>> Moore trio.
>>>> Cool.
>>>>
>>>> Ken N2LZV
>>>>
>>>> ---
>>>>
>>>> On Sat, 12/28/13, Ian Coots <ianrob@...>
>>>> wrote:
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>>>>
>>>>
>>>> Subject: RE: [X1M_QRP-Transceiver] S Meter
>>>> scale
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>>>> To: X1M_QRP-Transceiver@yahoogroups.com
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>>>> Date: Saturday, December 28, 2013, 9:07 PM
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>>>> Wow Ken! That's
>>>>
>>>> service. I'll check QRZ and let you
>>>>
>>>> know. I prefer PO box but will need to
>>>> check
>>>>
>>>> QRZ. On my way out the door…I
>>>>
>>>> produce a radio program on air every fortnight
>>>> . starts in
>>>>
>>>> <1hr so must rush. Get back to you as soon
>>>> as I
>>>>
>>>> can Have a listen if you like jazz
>>>>
>>>> http://www.947thepulse.com
>>>> Regards, Ian Coots
>>>> From: X1M_QRP-Transceiver@yahoogroups.com
>>>>
>>>> [mailto:X1M_QRP-Transceiver@yahoogroups.com]
>>>> On Behalf Of
>>>>
>>>> ken fest
>>>>

>>>> Sent: Sunday, 29 December 2013 12:43 PM
>>>>
>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>>
>>>> Subject: RE: [X1M_QRP-Transceiver] S Meter
>>>>
>>>> scale Ok Ian, let me build the final
>>>>
>>>> version and I will email you when it is ready
>>>> to be
>>>> shipped.
>>>>
>>>> Should be finished by 3am this morning. I like
>>>> to build in
>>>>
>>>> the wee hours as there are no distractions.
>>>>
>>>> I will need your correct shipping address or
>>>> is it in QRZ?
>>>>
>>>> Ken N2LZV
>>>>
>>>>
>>>>
>>>> ---
>>>>
>>>> On Sat, 12/28/13, Ian Coots <ianrob@...>
>>>>
>>>> wrote:
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>>>>
>>>> Subject: RE: [X1M_QRP-Transceiver] S Meter
>>>> scale
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>>>> To: X1M_QRP-Transceiver@yahoogroups.com
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>>>> Date: Saturday, December 28, 2013, 8:16 PM
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>>>> Most definitely
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>>>> Ken, and more than happy to pay for
>>>>
>>>> any associated postage and handling costs.
>>>> Of course,
>>>>
>>>> sending it to me will mean it will be out of
>>>> circulation
>>>>
>>>> for
>>>>
>>>> more than just a few days although if it is

>>>> small and
>>>>
>>>> lightweight, air freight is a possibility I
>>>> really
>>>>
>>>> appreciate the work
>>>>
>>>> you’ve done and the offer to share. de
>>>> Ian
>>>>
>>>> VK3YIC From: X1M_QRP-Transceiver@yahoogroups.com
>>>>
>>>> [mailto:X1M_QRP-Transceiver@yahoogroups.com]
>>>>
>>>> On Behalf Of
>>>>
>>>> disklog@...
>>>>
>>>> Sent: Sunday, 29 December 2013 12:04 PM
>>>>
>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>>
>>>> Subject: RE: [X1M_QRP-Transceiver] S Meter
>>>>
>>>> scale Ian, Today I built up a small
>>>>
>>>> prototype calibration device for calibrating
>>>> the S
>>>>
>>>> meter.It appears at this stage that I
>>>>
>>>> will be able to provide switchable 50uv or
>>>> 100uv output on
>>>>
>>>> this device.The calibration method will
>>>>
>>>> be:1. Choose 50uv or 100uv
>>>>
>>>> output.2. Tune the radio to 15.000
>>>>
>>>> mhz.3. Place the radio into the CW
>>>>
>>>> mode.4. With nothing connected to the
>>>>
>>>> radio Zero the S meter.5. Attach a 9v battery
>>>> to the
>>>>
>>>> battery clip.6. Connect the calibration unit
>>>>

>>>> BNC to the radio antenna connector.7. Adjust
>>>> the S meter
>>>>
>>>> sensitivity
>>>>
>>>> to read S9. 8. Check meter Zero with no
>>>>
>>>> signal to the radio.9. Recheck S adjustment
>>>> for
>>>>
>>>> S9.10. Remove battery from
>>>>
>>>> calibration unit.11. Send the unit to the
>>>> next
>>>>
>>>> person that needs it.This is a small unit and
>>>> shipping
>>>>
>>>> hopefully will be inexpensive.Let me know if
>>>> you are
>>>>
>>>> interested
>>>>
>>>> in using this device.Ken N2LZV
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>>> No virus found in this message.
>>> Checked by AVG - www.avg.com <http://www.avg.com>
>>> Version: 2014.0.4259 / Virus Database: 3658/6958 -
>>> Release Date: 12/29/13
>>>
>>> No virus found in this message.
>>> Checked by AVG - www.avg.com <http://www.avg.com>
>>> Version: 2014.0.4259 / Virus Database: 3658/6958 -
>>> Release Date: 12/29/13
>>>
>>> No virus found in this message.
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>>> Version: 2014.0.4259 / Virus Database: 3658/6958 - Release
>>> Date: 12/29/13
>>>
>>> No virus found in this message.
>>> Checked by AVG - www.avg.com <http://www.avg.com>
>>> Version: 2014.0.4259 / Virus Database: 3658/6958 - Release Date:
>>> 12/29/13
>>>
>>
>

3301. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-29 22:54:45 UTC
From: mikejmardis@...
Topic: 3161 Message: 3301

Thanks. I'm not sure why I went through Ed's site but didn't have any issues.
I really hope to get to it tonight and will use the groups link since it worked for you.
I'm coming off a 34hr shift, so it may have to wait till tomorrow.
Mike
N1SPZ

Sent from my iPhone

> On Dec 29, 2013, at 17:43, "Charlie , W5COV" <cvest@...> wrote:
>
> Mike I am using the December 23 version from this link :
http://groups.yahoo.com/neo/groups/X1M_QRP-Transceiver/files/X1M%20Pro%20Firmware%20Updates/
>
> I assume they are the same, since Ed provided them. I have it on my radio and one that I also installed on an X1M for a friend and neither of those radios exhibit any of these issues . I have tried to duplicate them even running the radio for 24 continuous hours in different CW modes.
>
> Charlie, W5COV
>
>> On 12/29/2013 4:30 PM, mikejmardis@... wrote:
>>
>> Charlie,
>> I'm assuming the correct link is from wouxun.us, right?
>> Mike
>> N1SPZ
>>
>> Sent from my iPhone
>>
>> On Dec 29, 2013, at 17:28, "Charlie , W5COV" <cvest@cox.net> wrote:
>>
>>>
>>> In addition to Dale's question, which we really would like to hear from people with ANY issue with this new firmware , could you also provide us with a link or location to the firmware that you are using to upgrade with?
>>>
>>> We want to see if perhaps more than one version is out there.
>>>
>>> Thanks for everyones help.
>>>
>>> Charlie, W5COV
>>>
>>>> On 12/29/2013 3:01 PM, Dale Parfitt wrote:
>>>>
>>>> □
>>>>
>>>> OK- thanks Victor. Anyone else having this issue?

>>>>
>>>> Dale W4OP
>>>> ----- Original Message -----
>>>> From: ua1cex@...
>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>> Sent: Sunday, December 29, 2013 3:42 PM
>>>> Subject: Re: [X1M_QRP-Transceiver] New firmware.
>>>>
>>>>
>>>> Yes, Dale. I noticed the same. It looks so, the shift is the same like CW tone.
>>>>
>>>> 73/72 - Victor, UA1CEX.
>>>>
>>>> -----Original Message-----
>>>> From: Dale Parfitt <parinc1@...>
>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>> Sent: пн, 30 дек 2013 0:41
>>>> Subject: Re: [X1M_QRP-Transceiver] New firmware.
>>>>
>>>>
>>>> □
>>>>
>>>> I see the unwanted shift is 700Hz- that is why I asked. It might have shed some light into what is going on had the unwanted shift equalled your CW Tone setting.
>>>>
>>>> Dale W4OP
>>>> ----- Original Message -----
>>>> From: ua1cex@...
>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>> Sent: Sunday, December 29, 2013 3:11 PM
>>>> Subject: Re: [X1M_QRP-Transceiver] New firmware.
>>>>
>>>>
>>>> 800hz
>>>>
>>>> 73/72 - Victor, UA1CEX.
>>>>
>>>> -----Original Message-----
>>>> From: Dale Parfitt <parinc1@...>
>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>> Sent: вс, 29 дек 2013 23:14
>>>> Subject: Re: [X1M_QRP-Transceiver] New firmware.
>>>>
>>>>
>>>> □
>>>>
>>>> Thanks Victor. What is your CW Tone setting?
>>>>
>>>> Dale W4OP

>>>> ----- Original Message -----
>>>> From: ua1cex@...
>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>> Sent: Sunday, December 29, 2013 1:56 PM
>>>> Subject: Re: [X1M_QRP-Transceiver] New firmware.
>>>>
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>>>> Hi Dale. When I start calling CQ on 14057,8, I did pause for 2sec, after that freq goes up to 14058,5. If I do again pause for 2sec. it goes back to 14057.8. And so all the time up and down. I can hear on another trcvr. X1M shows me only one freq and no shift.
>>>>
>>>> 73/72 - Victor, UA1CEX.
>>>>
>>>> -----Original Message-----
>>>> From: Dale Parfitt <parinc1@frontier.com>
>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>> Sent: вс, 29 дек 2013 21:00
>>>> Subject: Re: [X1M_QRP-Transceiver] New firmware.
>>>>
>>>>
>>>> □
>>>>
>>>> Hi Victor,
>>>> Is it your TX, RX or both frequencies that go down? Does the display indicate the shift? Does it stay down?
>>>>
>>>> Tnx,
>>>>
>>>> Dale W4OP
>>>> ----- Original Message -----
>>>> From: ua1cex@...
>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>> Sent: Sunday, December 29, 2013 2:03 AM
>>>> Subject: Re: [X1M_QRP-Transceiver] New firmware.
>>>>
>>>>
>>>> I have to say. Many users of X1M very happy of this devise, but not me. I want to have a real working trcvr and do not waiting for ten years, while they improve there unsuers. I am very disappointed.
>>>>
>>>> 73/72 - Victor, UA1CEX.
>>>>
>>>> -----Original Message-----
>>>> From: ua1cex@...
>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>> Sent: вс, 29 дек 2013 10:55
>>>> Subject: Re: [X1M_QRP-Transceiver] New firmware.
>>>>
>>>>
>>>> Hi friends. I reinstalled firmware. Now, first dot appeared again. But, when I calling CQ, and give a pause for 2-3sec, my freq, goes down for about 300-400hz down. It is crazy situation.

>>>>
>>>> 73/72 - Victor, UA1CEX.
>>>>
>>>> -----Original Message-----
>>>> From: "Charlie , W5COV" <cvest@...>
>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>> Sent: вс, 29 дек 2013 8:41
>>>> Subject: Re: [X1M_QRP-Transceiver] S Meter scale
>>>>
>>>>
>>>> I too was thrilled when Ian gave me a shout out the first time I listened to his program. Amazing an FM station on another continent !!
>>>>
>>>> I saw Dudley on TV after he got so ill and I could barely tell he was even the same person that I had enjoyed and laughed at for so long.
>>>>
>>>> Charlie, W5COV
>>>>
>>>>
>>>>> On 12/28/2013 10:19 PM, ken fest wrote:
>>>>>
>>>>> Charlie, Ian,
>>>>> First time I have ever heard my name coming from a professional radio broadcast. And from so far away too!
>>>>> Dudley was a real talent sad how sick he became at the end.
>>>>> Ken N2LZV
>>>>> ---
>>>>> On Sat, 12/28/13, Charlie , W5COV <cvest@...> wrote:
>>>>>
>>>>> Subject: Re: [X1M_QRP-Transceiver] S Meter scale
>>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>>> Date: Saturday, December 28, 2013, 11:16 PM
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>>>>> I am listening too as usual.
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>>>>> Ian told me about it quite a while back and I have since
>>>>> become a
>>>>> jazz fan, and I don't listen to much music !!
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>>>>>
>>>>> Thank you from me also Ken for what you do and the
>>>>> people you are
>>>>> helping out.
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>>>>>
>>>>> This group is indeed fortunate to have such talent and
>>>>> people
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>>>>>
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>>>>>
>>>>> Charlie, W5COV
>>>>>
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>>>>> On 12/28/2013
>>>>> 9:42 PM, ken fest wrote:
>>>>>
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>>>>> I heard you hosting the show with the Dudley
>>>>> Moore trio.
>>>>> Cool.
>>>>>
>>>>> Ken N2LZV

>>>>>
>>>>> ---
>>>>>
>>>>> On Sat, 12/28/13, Ian Coots <ianrob@...>
>>>>> wrote:
>>>>>
>>>>>
>>>>>
>>>>> Subject: RE: [X1M_QRP-Transceiver] S Meter
>>>>> scale
>>>>>
>>>>> To: X1M_QRP-Transceiver@yahoogroups.com
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>>>>> Wow Ken! That's
>>>>>
>>>>> service. I'll check QRZ and let you
>>>>>
>>>>> know. I prefer PO box but will need to
>>>>> check
>>>>>
>>>>> QRZ. On my way out the door…I
>>>>>
>>>>> produce a radio program on air every fortnight
>>>>> . starts in
>>>>>
>>>>> <1hr so must rush. Get back to you as soon
>>>>> as I
>>>>>
>>>>> can Have a listen if you like jazz
>>>>>
>>>>> http://www.947thepulse.com
>>>>> Regards, Ian Coots
>>>>> From: X1M_QRP-Transceiver@yahoogroups.com
>>>>>
>>>>> [mailto:X1M_QRP-Transceiver@yahoogroups.com]
>>>>> On Behalf Of
>>>>>
>>>>> ken fest
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>>>>> Sent: Sunday, 29 December 2013 12:43 PM
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>>>>> version and I will email you when it is ready
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>>>>> Should be finished by 3am this morning. I like
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>>>>> Most definitely
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>>>>> Ken, and more than happy to pay for
>>>>>
>>>>> any associated postage and handling costs.
>>>>> Of course,
>>>>>
>>>>> sending it to me will mean it will be out of
>>>>> circulation
>>>>>
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>>>>> more than just a few days although if it is
>>>>> small and
>>>>>
>>>>> lightweight, air freight is a possibility I
>>>>> really
>>>>>
>>>>> appreciate the work
>>>>>
>>>>> you’ve done and the offer to share. de
>>>>> Ian
>>>>>
>>>>> VK3YIC From: X1M_QRP-Transceiver@yahoogroups.com

>>>>>
>>>>> [mailto:X1M_QRP-Transceiver@yahoogroups.com]
>>>>>
>>>>> On Behalf Of
>>>>>
>>>>> disklog@...m
>>>>>
>>>>> Sent: Sunday, 29 December 2013 12:04 PM
>>>>>
>>>>> To: X1M_QRP-Transceiver@yahoogroups.com
>>>>>
>>>>> Subject: RE: [X1M_QRP-Transceiver] S Meter
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>>>>> scale Ian, Today I built up a small
>>>>>
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>>>>> the S
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>>>>> will be able to provide switchable 50uv or
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>>>>>
>>>>> radio Zero the S meter.5. Attach a 9v battery
>>>>> to the
>>>>>
>>>>> battery clip.6. Connect the calibration unit
>>>>>
>>>>> BNC to the radio antenna connector.7. Adjust
>>>>> the S meter
>>>>>
>>>>> sensitivity
>>>>>
>>>>> to read S9. 8. Check meter Zero with no
>>>>>
>>>>> signal to the radio.9. Recheck S adjustment
>>>>> for
>>>>>
>>>>> S9.10. Remove battery from

>>>>>
>>>>> calibration unit.11. Send the unit to the
>>>>> next
>>>>>
>>>>> person that needs it.This is a small unit and
>>>>> shipping
>>>>>
>>>>> hopefully will be inexpensive.Let me know if
>>>>> you are
>>>>>
>>>>> interested
>>>>>
>>>>> in using this device.Ken N2LZV
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>>>> No virus found in this message.
>>>> Checked by AVG - www.avg.com
>>>> Version: 2014.0.4259 / Virus Database: 3658/6958 - Release Date: 12/29/13
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>>>> No virus found in this message.
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>>>> Version: 2014.0.4259 / Virus Database: 3658/6958 - Release Date: 12/29/13
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>>>> No virus found in this message.
>>>> Checked by AVG - www.avg.com
>>>> Version: 2014.0.4259 / Virus Database: 3658/6958 - Release Date: 12/29/13
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3302. X1M Micro

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 03:13:14 UTC
From: Dale Parfitt
Topic: 3302 Message: 3302

Hi Ken,
If your X1M is still open, I wonder if you would look at a couple of pins on U1B- the microprocessor.
In particular pin 38. I would like to know the voltage levels when in USB then LSB and then when CW mode are selected.

On pin 44, when in CW mode what are the voltage levels when in RX and then when the CW key is closed. Finally what are the levels on this pin when in SSB?

Thanks.

Dale W4OP
----- Original Message -----
From: ken fest
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 10:00 AM
Subject: Re: [X1M_QRP-Transceiver] S Meter scale

Mike,
I will ship it to you tomorrow. (Monday)
Ken N2LZV

On Sun, 12/29/13, mikejmardis@... <mikejmardis@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: "X1M_QRP-Transceiver@yahoogroups.com" <X1M_QRP-Transceiver@yahoogroups.com>
Date: Sunday, December 29, 2013, 9:07 AM

The radio is all set. Mike Mardis,
N1SPZ164 Soundview AveStratford, CT
06615

Sent from my iPhone
On Dec 29, 2013, at 8:57, ken fest <disklog@...>
wrote:

Mike,

I don't have the components to build another unit, but
if you have your radio all ready to go, then give me your
name, call and address and I will get this item to you. If
you don't have a ready radio, then give me your info
when all is ready.

Ken N2LZV

On Sun, 12/29/13, mikejmardis@...
<mikejmardis@...>
wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale

To: "X1M_QRP-Transceiver@yahoogroups.com"
<X1M_QRP-Transceiver@yahoogroups.com>

Date: Sunday, December 29, 2013, 7:43 AM

Ken, I would be interested too. In fact, I would be

willing to buy a version if you would be willing to build

it. Mike N1SPZ

Sent from my iPhone

On Dec 28, 2013, at 20:03, <disklog@...>

wrote:

Ian,

Today

I built up a small prototype calibration device for

calibrating the S meter.It

appears at this stage that I will be able to provide

switchable 50uv or 100uv output on this device.The

calibration method will be:1.

Choose 50uv or 100uv output.

2. Tune the radio

to 15.000 mhz.3.

Place the radio into the CW mode.4.

With nothing connected to the radio Zero the S meter.

5.

Attach a 9v battery to the battery clip.6.

Connect the calibration unit BNC to the radio antenna

connector.7.

Adjust the S met

er sensitivity to read S9. 8.

Check meter Zero with no signal to the radio.9.

Recheck S adjustment for S9.10.

Remove battery from calibration unit.11.

Send the unit to the next person that needs it.This

is a small unit and shipping hopefully will be inexpensi

ve.Let

me know if you are interested in using this device.Ken

N2LZV

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6958 - Release Date: 12/29/13

3303. Re: [X1M_QRP-Transceiver] X1M Micro

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 03:24:53 UTC
From: ken fest
Topic: 3302 Message: 3303

Dale,
I am sorry but my X1M is back together but there is another issue. I crazy glued square copper sheet metal to the chips making access to the pins impossible unless I remove the heatsinks. Probably not my best move but it is too late now.
Sorry I can't help,
Ken N2LZV

On Sun, 12/29/13, Dale Parfitt <parinc1@...> wrote:

Subject: [X1M_QRP-Transceiver] X1M Micro
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Sunday, December 29, 2013, 10:13 PM

Hi Ken,
If your X1M is still open,
I wonder if you would
look at a couple of pins on U1B- the
microprocessor.
In particular pin 38. I
would like to know the
voltage levels when in USB then LSB and then when CW
mode are
selected.

On pin 44, when in CW mode
what are the
voltage levels when in RX and then when the CW key is
closed. Finally what are
the levels on this pin when in SSB?

Thanks.

Dale W4OP

----- Original Message -----

From:
ken fest
To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Sunday,
December 29, 2013 10:00
AM
Subject: Re:
[X1M_QRP-Transceiver] S
Meter scale

Mike,
I will ship it to you tomorrow. (Monday)
Ken
N2LZV

On Sun, 12/29/13, mikejmardis@...
<mikejmardis@...>

wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: "X1M_QRP-Transceiver@yahoogroups.com"

<X1M_QRP-Transceiver@yahoogroups.com>
Date:
Sunday, December 29, 2013, 9:07
AM

The
radio is all set. Mike Mardis,
N1SPZ164 Soundview AveStratford,
CT
06615

Sent from my iPhone
On Dec 29, 2013, at 8:57, ken fest
<disklog@...>
wrote:

Mike,

I don't have the components to build another unit, but
if you have
your radio all ready to go, then give me your
name, call and address and I
will get this item to you. If
you don't have a ready radio, then give me
your info
when all is ready.

Ken
N2LZV

On Sun,
12/29/13,
mikejmardis@...
<mikejmardis@...>
wrote:

Subject:
Re: [X1M_QRP-Transceiver] S Meter scale

To:
"X1M_QRP-Transceiver@yahoogroups.com"
<X1M_QRP-Transceiver@yahoogroups.com>

Date:
Sunday, December 29, 2013, 7:43
AM

Ken,
I would be interested too. In fact, I would be

willing to buy a version
if you would be willing to
build

it. Mike N1SPZ

Sent from my
iPhone

On Dec 28, 2013, at 20:03,
<disklog@...>

wrote:

Ian,

Today

I built up a small prototype calibration device
for

calibrating the S meter.It

appears at this stage that I will
be able to provide

switchable 50uv or 100uv output on this
device.The

calibration method will be:1.

Choose 50uv or 100uv
output.

2. Tune the radio

to 15.000 mhz.3.

Place the
radio into the CW mode.4.

With nothing connected to the radio Zero the
S meter.

5.

Attach a 9v battery to the battery
clip.6.

Connect the calibration unit BNC to the radio
antenna

connector.7.

Adjust the S met

er sensitivity to
read S9. 8.

Check meter Zero with no signal to the
radio.9.

Recheck S adjustment for S9.10.

Remove battery from
calibration unit.11.

Send the unit to the next person that needs
it.This

is a small unit and shipping hopefully will be
inexpensi

ve.Let

me know if you are interested in using this
device.Ken

N2LZV

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6958 - Release Date:
12/29/13

3304. Re: [X1M_QRP-Transceiver] X1M Micro

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 03:30:28 UTC
From: Dale Parfitt
Topic: 3302 Message: 3304

I thought those were the DDS chips- not the microprocessor. The Micro is a 44 pin device. Anyway, I'll open up my spare later and have a go.

Tnx,

W4OP
Dale
----- Original Message -----
From: ken fest
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 10:24 PM
Subject: Re: [X1M_QRP-Transceiver] X1M Micro

Dale,
I am sorry but my X1M is back together but there is another issue. I crazy glued square copper sheet metal to the chips making access to the pins impossible unless I remove the heatsinks. Probably not my best move but it is too late now.
Sorry I can't help,
Ken N2LZV

On Sun, 12/29/13, Dale Parfitt <parinc1@...> wrote:

Subject: [X1M_QRP-Transceiver] X1M Micro
To: X1M_QRP-Transceiver@...m
Date: Sunday, December 29, 2013, 10:13 PM

Hi Ken,
If your X1M is still open,
I wonder if you would
look at a couple of pins on U1B- the
microprocessor.
In particular pin 38. I
would like to know the
voltage levels when in USB then LSB and then when CW
mode are
selected.

On pin 44, when in CW mode
what are the
voltage levels when in RX and then when the CW key is
closed. Finally what are
the levels on this pin when in SSB?

Thanks.

Dale W4OP

----- Original Message -----

From:
ken fest
To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Sunday,
December 29, 2013 10:00
AM
Subject: Re:
[X1M_QRP-Transceiver] S
Meter scale

Mike,
I will ship it to you tomorrow. (Monday)
Ken
N2LZV

On Sun, 12/29/13, mikejmardis@...
<mikejmardis@...>

wrote:

Subject: Re: [X1M_QRP-Transceiver] S Meter scale
To: "X1M_QRP-Transceiver@yahoogroups.com"

<X1M_QRP-Transceiver@yahoogroups.com>
Date:
Sunday, December 29, 2013, 9:07
AM

The
radio is all set. Mike Mardis,
N1SPZ164 Soundview AveStratford,
CT
06615

Sent from my iPhone
On Dec 29, 2013, at 8:57, ken fest
<disklog@...>
wrote:

Mike,

I don't have the components to build another unit, but
if you have
your radio all ready to go, then give me your
name, call and address and I
will get this item to you. If
you don't have a ready radio, then give me
your info
when all is ready.

Ken
N2LZV

On Sun,
12/29/13,
mikejmardis@...
<mikejmardis@...>
wrote:

Subject:
Re: [X1M_QRP-Transceiver] S Meter scale

To:
"X1M_QRP-Transceiver@yahoogroups.com"
<X1M_QRP-Transceiver@yahoogroups.com>

Date:
Sunday, December 29, 2013, 7:43
AM

Ken,
I would be interested too. In fact, I would be

willing to buy a version
if you would be willing to
build

it. Mike N1SPZ

Sent from my
iPhone

On Dec 28, 2013, at 20:03,
<disklog@...>

wrote:

Ian,

Today

I built up a small prototype calibration device
for

calibrating the S meter.It

appears at this stage that I will
be able to provide

switchable 50uv or 100uv output on this
device.The

calibration method will be:1.

Choose 50uv or 100uv
output.

2. Tune the radio

to 15.000 mhz.3.

Place the
radio into the CW mode.4.

With nothing connected to the radio Zero the
S meter.

5.

Attach a 9v battery to the battery
clip.6.

Connect the calibration unit BNC to the radio
antenna

connector.7.

Adjust the S met

er sensitivity to
read S9. 8.

Check meter Zero with no signal to the
radio.9.

Recheck S adjustment for S9.10.

Remove battery from
calibration unit.11.

Send the unit to the next person that needs
it.This

is a small unit and shipping hopefully will be
inexpensi

ve.Let

me know if you are interested in using this
device.Ken

N2LZV

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6958 - Release Date:
12/29/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6959 - Release Date: 12/29/13

3305. Re: [X1M_QRP-Transceiver] X1M Micro

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 03:56:53 UTC
From: Charlie , W5COV
Topic: 3302 Message: 3305

The micro is difficult to access behind the display as I remember.
However I can see which connectors they come out to going to the boards.

Charlie, W5COV

On 12/29/2013 9:30 PM, Dale Parfitt wrote:
>
> I thought those were the DDS chips- not the microprocessor. The Micro
> is a 44 pin device.
> Anyway, I'll open up my spare later and have a go.
> Tnx,
> W4OP
> Dale
>
> ----- Original Message -----
> *From:* ken fest <mailto:disklog@...>
> *To:* X1M_QRP-Transceiver@yahoogroups.com
> <mailto:X1M_QRP-Transceiver@yahoogroups.com>
> *Sent:* Sunday, December 29, 2013 10:24 PM
> *Subject:* Re: [X1M_QRP-Transceiver] X1M Micro
>
> Dale,
> I am sorry but my X1M is back together but there is another issue.
> I crazy glued square copper sheet metal to the chips making access
> to the pins impossible unless I remove the heatsinks. Probably not
> my best move but it is too late now.
> Sorry I can't help,
> Ken N2LZV
> ----------
> On Sun, 12/29/13, Dale Parfitt <parinc1@...> wrote:
>
> Subject: [X1M_QRP-Transceiver] X1M Micro
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Sunday, December 29, 2013, 10:13 PM
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> Hi Ken,
> If your X1M is still open,
> I wonder if you would
> look at a couple of pins on U1B- the
> microprocessor.
> In particular pin 38. I
> would like to know the
> voltage levels when in USB then LSB and then when CW
> mode are
> selected.
>
> On pin 44, when in CW mode
> what are the
> voltage levels when in RX and then when the CW key is
> closed. Finally what are
> the levels on this pin when in SSB?
>
> Thanks.
>
> Dale W4OP
>
> ----- Original Message -----
>
> From:
> ken fest
> To: X1M_QRP-Transceiver@yahoogroups.com
>
>
> Sent: Sunday,
> December 29, 2013 10:00
> AM
> Subject: Re:
> [X1M_QRP-Transceiver] S

> Meter scale
>
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>
> Mike,
> I will ship it to you tomorrow. (Monday)
> Ken
> N2LZV
> --
> On Sun, 12/29/13, mikejmardis@...
> <mikejmardis@...>
>
> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] S Meter scale
> To: "X1M_QRP-Transceiver@yahoogroups.com"
>
> <X1M_QRP-Transceiver@yahoogroups.com>
> Date:
> Sunday, December 29, 2013, 9:07
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> The
> radio is all set. Mike Mardis,
> N1SPZ164 Soundview AveStratford,
> CT
> 06615
>

> Sent from my iPhone
> On Dec 29, 2013, at 8:57, ken fest
> <disklog@...>
> wrote:
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> Mike,
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> I don't have the components to build another unit, but
> if you have
> your radio all ready to go, then give me your
> name, call and address and I
> will get this item to you. If
> you don't have a ready radio, then give me
> your info
> when all is ready.
>
> Ken
> N2LZV
>
> --
>
> On Sun,
> 12/29/13,
> mikejmardis@...
> <mikejmardis@...>
> wrote:
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>
> Subject:
> Re: [X1M_QRP-Transceiver] S Meter scale
>
> To:
> "X1M_QRP-Transceiver@yahoogroups.com"
> <X1M_QRP-Transceiver@yahoogroups.com>
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> Date:
> Sunday, December 29, 2013, 7:43
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> Ken,
> I would be interested too. In fact, I would be
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> willing to buy a version
> if you would be willing to
> build
>
> it. Mike N1SPZ
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> Sent from my
> iPhone
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> On Dec 28, 2013, at 20:03,
> <disklog@...>
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> wrote:
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> Ian,
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> Today
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> I built up a small prototype calibration device
> for
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> calibrating the S meter.It
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> appears at this stage that I will
> be able to provide
>
> switchable 50uv or 100uv output on this
> device.The
>
> calibration method will be:1.
>
> Choose 50uv or 100uv
> output.
>
> 2. Tune the radio
>
> to 15.000 mhz.3.
>
> Place the

> radio into the CW mode.4.
>
> With nothing connected to the radio Zero the
> S meter.
>
> 5.
>
> Attach a 9v battery to the battery
> clip.6.
>
> Connect the calibration unit BNC to the radio
> antenna
>
> connector.7.
>
> Adjust the S met
>
> er sensitivity to
> read S9. 8.
>
> Check meter Zero with no signal to the
> radio.9.
>
> Recheck S adjustment for S9.10.
>
> Remove battery from
> calibration unit.11.
>
> Send the unit to the next person that needs
> it.This
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> is a small unit and shipping hopefully will be
> inexpensi
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> ve.Let
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> me know if you are interested in using this
> device.Ken
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> N2LZV
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> No virus found in this
> message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4259 / Virus
> Database: 3658/6958 - Release Date:
> 12/29/13
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> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6959 - Release Date:
> 12/29/13
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>

3306. Re: [X1M_QRP-Transceiver] X1M Micro

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 04:03:03 UTC
From: ken fest
Topic: 3302 Message: 3306

Dale,
Please help me understand what you are referring to. The chips I placed the heatsinks on are on the top board near the 1350. Where is the chip you are interested in?
Ken N2LZV

On Sun, 12/29/13, Dale Parfitt <parinc1@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] X1M Micro
To: X1M_QRP-Transceiver@...m
Date: Sunday, December 29, 2013, 10:30 PM

I thought those were the
DDS chips- not the
microprocessor. The Micro is a 44 pin device.
Anyway, I'll open up my
spare later and have a
go.

Tnx,

W4OP
Dale

----- Original Message -----

From:
ken fest
To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Sunday,
December 29, 2013 10:24
PM
Subject: Re:
[X1M_QRP-Transceiver] X1M
Micro

Dale,
I am sorry but my X1M is back together but there is another
issue. I crazy glued square copper sheet metal to the
chips making access to
the pins impossible unless I remove the heatsinks.
Probably not my best move
but it is too late now.
Sorry I can't help,
Ken
N2LZV

On Sun, 12/29/13,
Dale Parfitt <parinc1@...> wrote:

Subject:
[X1M_QRP-Transceiver] X1M Micro
To:
X1M_QRP-Transceiver@yahoogroups.com
Date: Sunday, December 29, 2013, 10:13
PM

Hi
Ken,
If your X1M is still open,
I wonder if you would
look at a
couple of pins on U1B- the
microprocessor.
In particular pin 38.
I
would like to know the
voltage levels when in USB then LSB and
then when CW
mode are
selected.

On pin 44, when in CW
mode
what are the
voltage levels when in RX and then when the CW
key is
closed. Finally what are
the levels on this pin when in
SSB?

Thanks.

Dale W4OP

----- Original Message

From:
ken fest
To:
X1M_QRP-Transceiver@yahoogroups.com

Sent: Sunday,
December 29,
2013 10:00
AM
Subject: Re:
[X1M_QRP-Transceiver] S

Meter
scale

Mike,
I will ship it to you tomorrow.
(Monday)
Ken

N2LZV

On Sun, 12/29/13,
mikejmardis@...
<mikejmardis@...>

wrote:

Subject:
Re: [X1M_QRP-Transceiver] S Meter scale
To:
"X1M_QRP-Transceiver@yahoogroups.com"

<X1M_QRP-Transceiver@yahoogroups.com>
Date:

Sunday, December 29, 2013, 9:07

AM

The

radio is all set. Mike Mardis,
N1SPZ164 Soundview AveStratford,

CT
06615

Sent from my iPhone
On Dec 29, 2013, at 8:57, ken
fest

<disklog@...>
wrote:

Mike,

I don't have the components to build another unit, but
if you
have
your radio all ready to go, then give me your
name, call and
address and I
will get this item to you. If
you don't have a ready
radio, then give me

your info
when all is ready.

Ken

N2LZV

On Sun,

12/29/13,

mikejmardis@...
<mikejmardis@...>
wrote:

Subject:

Re: [X1M_QRP-Transceiver] S Meter scale

To:

"X1M_QRP-Transceiver@yahoogroups.com"
<X1M_QRP-Transceiver@yahoogroups.com>

Date:

Sunday, December 29, 2013, 7:43

AM

Ken,

I would be interested too. In fact, I would be

willing to buy a
version
if you would be willing to

build

it. Mike N1SPZ

Sent from my

iPhone

On Dec 28, 2013, at 20:03,

<disklog@...>

wrote:

Ian,

Today

I built up a small prototype calibration device

for

calibrating the S meter.It

appears at this stage that I
will
be able to provide

switchable 50uv or 100uv output on this

device.The

calibration method will be:1.

Choose 50uv or
100uv
output.

2. Tune the radio

to 15.000
mhz.3.

Place the
radio into the CW mode.4.

With nothing
connected to the radio Zero the
S meter.

5.

Attach a 9v
battery to the battery
clip.6.

Connect the calibration unit BNC to
the radio
antenna

connector.7.

Adjust the S met

er
sensitivity to
read S9. 8.

Check meter Zero with no signal to
the
radio.9.

Recheck S adjustment for S9.10.

Remove battery
from
calibration unit.11.

Send the unit to the next person that
needs
it.This

is a small unit and shipping hopefully will be

inexpensi

ve.Let

me know if you are interested in using this

device.Ken

N2LZV

No
virus found in this
message.
Checked by AVG - www.avg.com
Version:
2014.0.4259 / Virus
Database: 3658/6958 - Release
Date:
12/29/13

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus
Database: 3658/6959 - Release Date:
12/29/13

3307. Re: [X1M_QRP-Transceiver] X1M Micro

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 04:05:59 UTC
From: Charlie , W5COV
Topic: 3302 Message: 3307

```
Ken, the micro is located on the display board about right behind the
display as I remember.

Charlie, W5COV

On 12/29/2013 10:03 PM, ken fest wrote:
>
> Dale,
> Please help me understand what you are referring to. The chips I
> placed the heatsinks on are on the top board near the 1350. Where is
> the chip you are interested in?
> Ken N2LZV
> ---------------------------------------------
> On Sun, 12/29/13, Dale Parfitt <parinc1@...> wrote:
>
> Subject: Re: [X1M_QRP-Transceiver] X1M Micro
> To: X1M_QRP-Transceiver@yahoogroups.com
> Date: Sunday, December 29, 2013, 10:30 PM
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>
> I thought those were the
> DDS chips- not the
> microprocessor. The Micro is a 44 pin device.
> Anyway, I'll open up my
> spare later and have a
> go.
>
> Tnx,
>
> W4OP
> Dale
>
> ----- Original Message -----
>
> From:
> ken fest
> To: X1M_QRP-Transceiver@yahoogroups.com
>
>
> Sent: Sunday,
> December 29, 2013 10:24
> PM
> Subject: Re:
> [X1M_QRP-Transceiver] X1M
> Micro
>
>
>
> Dale,
> I am sorry but my X1M is back together but there is another
> issue. I crazy glued square copper sheet metal to the
> chips making access to
> the pins impossible unless I remove the heatsinks.
> Probably not my best move
> but it is too late now.
> Sorry I can't help,
> Ken
> N2LZV
> ---------------------------------------
> On Sun, 12/29/13,
> Dale Parfitt <parinc1@...> wrote:
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> Subject:
> [X1M_QRP-Transceiver] X1M Micro
> To:
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> Date: Sunday, December 29, 2013, 10:13
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>
> Hi
> Ken,
> If your X1M is still open,
> I wonder if you would
> look at a
> couple of pins on U1B- the
> microprocessor.
> In particular pin 38.
> I
> would like to know the
> voltage levels when in USB then LSB and
> then when CW
> mode are
> selected.
>
> On pin 44, when in CW
> mode
> what are the
> voltage levels when in RX and then when the CW
> key is
> closed. Finally what are
> the levels on this pin when in
> SSB?

>
> Thanks.
>
> Dale W4OP
>
> ----- Original Message
> -----
>
> From:
> ken fest
> To:
> X1M_QRP-Transceiver@yahoogroups.com
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>
> Sent: Sunday,
> December 29,
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> Subject: Re:
> [X1M_QRP-Transceiver] S
> Meter
> scale
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> Mike,
> I will ship it to you tomorrow.
> (Monday)
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> N2LZV
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> On Sun, 12/29/13,
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> <mikejmardis@...>
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> wrote:
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> To:
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> CT
> 06615
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> Sent from my iPhone
> On Dec 29, 2013, at 8:57, ken
> fest
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> <disklog@...>
> wrote:
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> radio, then give me
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> when all is ready.
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> Ken
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> N2LZV
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> On Sun,
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> Sunday, December 29, 2013, 7:43
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> Ken,
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> I would be interested too. In fact, I would be
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> if you would be willing to
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> it. Mike N1SPZ
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> Sent from my
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> Ian,
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> Today
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> I built up a small prototype calibration device
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> appears at this stage that I
> will
> be able to provide
>
> switchable 50uv or 100uv output on this
>
> device.The
>
> calibration method will be:1.
>
> Choose 50uv or
> 100uv
> output.
>
> 2. Tune the radio
>

> to 15.000
> mhz.3.
>
> Place the
> radio into the CW mode.4.
>
> With nothing
> connected to the radio Zero the
> S meter.
>
> 5.
>
> Attach a 9v
> battery to the battery
> clip.6.
>
> Connect the calibration unit BNC to
> the radio
> antenna
>
> connector.7.
>
> Adjust the S met
>
> er
> sensitivity to
> read S9. 8.
>
> Check meter Zero with no signal to
> the
> radio.9.
>
> Recheck S adjustment for S9.10.
>
> Remove battery
> from
> calibration unit.11.
>
> Send the unit to the next person that
> needs
> it.This
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> is a small unit and shipping hopefully will be
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>
> ve.Let
>
> me know if you are interested in using this
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> device.Ken
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> N2LZV
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> No
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> message.
> Checked by AVG - www.avg.com
> Version:
> 2014.0.4259 / Virus
> Database: 3658/6958 - Release
> Date:
> 12/29/13
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3308. Re: [X1M_QRP-Transceiver] X1M Micro

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 04:18:49 UTC
From: ken fest
Topic: 3302 Message: 3308

Wow! wouldn't you need an extender board or something to be able to get to it for measurement?
Ken N2LZV

On Sun, 12/29/13, Charlie , W5COV <cvest@...> wrote:

Subject: Re: [X1M_QRP-Transceiver] X1M Micro
To: X1M_QRP-Transceiver@yahoogroups.com
Date: Sunday, December 29, 2013, 11:05 PM

Ken, the micro is located on the display board about
right behind
the display as I remember.

Charlie, W5COV

On 12/29/2013
10:03 PM, ken fest wrote:

Dale,

Please help me understand what you are
referring to. The
chips I placed the heatsinks on are on the top
board near
the 1350. Where is the chip you are interested
in?

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On Sun, 12/29/13, Dale Parfitt
<parinc1@frontier.com>
wrote:

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To: X1M_QRP-Transceiver@yahoogroups.com

Date: Sunday, December 29, 2013, 10:30 PM

I thought those were the

DDS chips- not the

microprocessor. The Micro is a 44 pin device.

Anyway, I'll open up my

spare later and have a

go.

Tnx,

W4OP

Dale

----- Original Message -----

From:

ken fest

To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Sunday,

December 29, 2013 10:24

PM

Subject: Re:

[X1M_QRP-Transceiver] X1M

Micro

Dale,

I am sorry but my X1M is back together but
there is
another

issue. I crazy glued square copper sheet metal
to the

chips making access to

the pins impossible unless I remove the
heatsinks.

Probably not my best move

but it is too late now.

Sorry I can't help,

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On Sun, 12/29/13,

Dale Parfitt <parinc1@...>
wrote:

Subject:

[X1M_QRP-Transceiver] X1M Micro

To:

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Date: Sunday, December 29, 2013, 10:13

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Hi

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I wonder if you would

look at a

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In particular pin 38.

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SSB?

Thanks.

Dale W4OP

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X1M_QRP-Transceiver@yahoogroups.com

Sent: Sunday,

December 29,

2013 10:00

AM

Subject: Re:

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Meter

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(Monday)

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Connect the calibration unit BNC to

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Version:

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12/29/13

3309. Re: [X1M_QRP-Transceiver] X1M Micro

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 04:24:41 UTC
From: Charlie , W5COV
Topic: 3302 Message: 3309

Thats why there are so many connectors on the faceplate I think, and you can get to the lines at them . I KNOW , that I am NEVER going to replace one by soldering !! lol

BTW in the beginning I was going to make some extender boards and you just reminded me of that. A set would be really handy in some troubleshooting issues.

Charlie, W5COV

Charlie, W5COV
On 12/29/2013 10:18 PM, ken fest wrote:
>
> Wow! wouldn't you need an extender board or something to be able to
> get to it for measurement?
> Ken N2LZV
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> On Sun, 12/29/13, Charlie , W5COV <cvest@...> wrote:
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> Probably not my best move
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> Dale Parfitt <parinc1@...>
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>
> To:
>
> X1M_QRP-Transceiver@yahoogroups.com
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> Sent: Sunday,
>
> December 29,
>
> 2013 10:00
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> AM
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> Subject: Re:
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> [X1M_QRP-Transceiver] S
>
> Meter

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> scale
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> Mike,
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> I will ship it to you tomorrow.
>
> (Monday)
>
> Ken
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>
> N2LZV
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> ---
>
> On Sun, 12/29/13,
>
> mikejmardis@...
>
> <mikejmardis@...>
>
>
>
> wrote:
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>
>
> Subject:
>
> Re: [X1M_QRP-Transceiver] S Meter scale
>
> To:
>
> "X1M_QRP-Transceiver@yahoogroups.com"
>
>
>
> <X1M_QRP-Transceiver@yahoogroups.com>
>
> Date:
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>
> Sunday, December 29, 2013, 9:07
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> AM
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> The
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> radio is all set. Mike Mardis,
>
> N1SPZ164 Soundview AveStratford,
>
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>
> CT
>
> 06615
>
>
>
> Sent from my iPhone
>
> On Dec 29, 2013, at 8:57, ken
>
> fest
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>
> <disklog@...>
>
> wrote:
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> Mike,
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>
> I don't have the components to build
> another unit, but
>
> if you
>
> have
>
> your radio all ready to go, then give me your
>
> name, call and
>
> address and I
>
> will get this item to you. If
>

> you don't have a ready
>
> radio, then give me
>
> your info
>
> when all is ready.
>
>
>
> Ken
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> N2LZV
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> On Sun,
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> 12/29/13,
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> mikejmardis@...
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> <mikejmardis@...>
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> wrote:
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> Subject:
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> Re: [X1M_QRP-Transceiver] S Meter scale
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> To:
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> "X1M_QRP-Transceiver@yahoogroups.com"
>
> <X1M_QRP-Transceiver@yahoogroups.com>
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> Date:
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>
> Sunday, December 29, 2013, 7:43
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> AM
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> Ken,
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> I would be interested too. In fact, I would
> be
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>
>
> willing to buy a
>
> version
>
> if you would be willing to
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>
>
> build
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>
>
> it. Mike N1SPZ
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> Sent from my
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> iPhone
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> On Dec 28, 2013, at 20:03,
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> <disklog@...>
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> wrote:
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> Ian,
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> Today
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>
> I built up a small prototype calibration
> device
>
>
>
> for
>
>
>
> calibrating the S meter.It
>
>
>
> appears at this stage that I
>
> will
>
> be able to provide
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>
>
> switchable 50uv or 100uv output on this
>
>
>
> device.The
>
>
>
> calibration method will be:1.
>
>
>

> Choose 50uv or
>
> 100uv
>
> output.
>
>
>
> 2. Tune the radio
>
>
>
> to 15.000
>
> mhz.3.
>
>
>
> Place the
>
> radio into the CW mode.4.
>
>
>
> With nothing
>
> connected to the radio Zero the
>
> S meter.
>
>
>
> 5.
>
>
>
> Attach a 9v
>
> battery to the battery
>
> clip.6.
>
>
>
> Connect the calibration unit BNC to
>
> the radio
>
> antenna
>

>
>
> connector.7.
>
>
>
> Adjust the S met
>
>
>
> er
>
> sensitivity to
>
> read S9. 8.
>
>
>
> Check meter Zero with no signal to
>
> the
>
> radio.9.
>
>
>
> Recheck S adjustment for S9.10.
>
>
>
> Remove battery
>
> from
>
> calibration unit.11.
>
>
>
> Send the unit to the next person that
>
> needs
>
> it.This
>
>
>
> is a small unit and shipping hopefully will be
>
>
>

>
> inexpensi
>
>
>
> ve.Let
>
>
>
> me know if you are interested in using this
>
>
>
> device.Ken
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> N2LZV
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> No
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> virus found in this
>
> message.
>
> Checked by AVG - www.avg.com
>
> Version:
>
> 2014.0.4259 / Virus
>
> Database: 3658/6958 - Release
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> Date:
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> 12/29/13
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> No virus found in this
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> message.
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> Checked by AVG - www.avg.com
>
> Version: 2014.0.4259 / Virus
>
> Database: 3658/6959 - Release Date:
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> 12/29/13
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3310. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 04:50:43 UTC
From: <jamespwithrow@...>
Topic: 3161 Message: 3310

Dale and all -

I am using the firmware from the above link (the files section of this group). I haven't had much chance to play with the radio this week, but I have been able to determine at least on my rig what seems to trigger the issue. I am using a straight key, wired as per the instructions, with the keyer set to "M". If I send a character beginning with a dit and the dit is short enough, the rig will transmit at a frequency shifted downward by the amount of the CW tone. This shift will remain in effect until the rig comes out of transmit. Otherwise, it works just fine. If I send slow enough, it seems to not have any problems.

I haven't been able to reproduce the issue by using the straight key as the left or right side of the paddle - anything sent using the keyer seems to be on frequency reliably.

I'm thinking maybe switch bounce from the key? I have to get hold of a digital scope this week and am going to look at the switch closure; my scope just isn't fast enough to see anything of any help.

If there is any other information I can provide or anything else I can check to help others out with this issue, just let me know. Thanks again to all of those willing to make these radios even better.

-Jim, N9ZQA

3311. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 05:21:41 UTC
From: Charlie , W5COV
Topic: 3161 Message: 3311

Jim,

Thank you so much for finding how to reproduce the issue. It will certainly be of benefit to everyone using CW, to know what to look at and which parameters to ask to be changed.

Dale is the CW expert on this radio, and has a digital scope, so I am sure as soon as he can find time he will look at the issue also.

My scope isn't fast enough either, so if you get an opportunity to look at it and we can send them a picture and details, they should be able to resolve the issue in fairly short order.

Your work is certainly appreciated. This has been a fantastic group effort on any matters related to this radio.

I for one, appreciate the contribution that each and every person has made in identifying and resolving any issues and in a timely manner.

Best 73, Charlie, W5COV

On 12/29/2013 10:50 PM, jamespwithrow@... wrote:
>
> Dale and all -
>
> I am using the firmware from the above link (the files section of this
> group). I haven't had much chance to play with the radio this week,
> but I have been able to determine at least on my rig what seems to
> trigger the issue. I am using a straight key, wired as per the
> instructions, with the keyer set to "M". If I send a character
> beginning with a dit and the dit is short enough, the rig will
> transmit at a frequency shifted downward by the amount of the CW tone.
> This shift will remain in effect until the rig comes out of transmit.
> Otherwise, it works just fine. If I send slow enough, it seems to not
> have any problems.
>
> I haven't been able to reproduce the issue by using the straight key
> as the left or right side of the paddle - anything sent using the
> keyer seems to be on frequency reliably.
>
> I'm thinking maybe switch bounce from the key? I have to get hold of a
> digital scope this week and am going to look at the switch closure; my
> scope just isn't fast enough to see anything of any help.
>
> If there is any other information I can provide or anything else I can
> check to help others out with this issue, just let me know. Thanks
> again to all of those willing to make these radios even better.

>
> -Jim, N9ZQA
>
>

3312. If offset question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 06:11:58 UTC
From: <kf4hou@...>
Topic: 3312 Message: 3312

I was noticing when testing out the radio that I sound very robotic into another receiver. I adjusted a little bit on the IF Offset and it seemed to make it sound better I also did adjust the frequency in 1hz steps , but the audio was always about the same robotic sounding but of course the tone was changing., I am not sure if I am doing the right thing or not, I wanted to make sure I am going down the right path.

3313. Re: [X1M_QRP-Transceiver] If offset question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 06:23:39 UTC
From: Charlie , W5COV
Topic: 3312 Message: 3313

There is a good description of how to set up the IF frequency and the other modes in the manual on the group web page. Be sure to get the IF set up correctly first and then make your other adjustments without changing the IF setting.

Charlie, W5COV

On 12/30/2013 12:11 AM, kf4hou@... wrote:
>
> I was noticing when testing out the radio that I sound very robotic
> into another receiver. I adjusted a little bit on the IF Offset and it
> seemed to make it sound better I also did adjust the frequency in 1hz
> steps , but the audio was always about the same robotic sounding but
> of course the tone was changing., I am not sure if I am doing the
> right thing or not, I wanted to make sure I am going down the right path.
>
>

3314. RE: [X1M_QRP-Transceiver] If offset question

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 09:07:48 UTC
From: Ian Coots
Topic: 3312 Message: 3314
Attachments: 1 described; binary payloads are missing from this source WARC

Hello all,

Heath, VK6TWO/VK2TWO the Aussie dealer for the X1M's must have set mine up pretty well before he shipped it out to me.

I just had my first ever amateur HF Northern Hemisphere contact and it was with EA3JE, Lou in Barcelona. My 1W out from the X1M into a 40m wire dipole at about 5 metres got me a 5/8 – 5/9 signal report, so I've got to be happy with that don't I? (~10,400miles or ~16,800Km) I'm only getting 1w out as I modified my tuner which dropped the power level from 4.5W to 1W... I'm about to unmodify it!

de Ian VK3YIC

ausflag

From: X1M_QRP-Transceiver@yahoogroups.com [mailto:X1M_QRP-Transceiver@yahoogroups.com] On Behalf Of Charlie , W5COV
Sent: Monday, 30 December 2013 5:24 PM
To: X1M_QRP-Transceiver@yahoogroups.com
Subject: Re: [X1M_QRP-Transceiver] If offset question

There is a good description of how to set up the IF frequency and the other modes in the manual on the group web page. Be sure to get the IF set up correctly first and then make your other adjustments without changing the IF setting.

Charlie, W5COV

On 12/30/2013 12:11 AM, kf4hou@... wrote:

I was noticing when testing out the radio that I sound very robotic into another receiver. I adjusted a little bit on the IF Offset and it seemed to make it sound better I also did adjust the frequency in 1hz steps , but the audio was always about the same robotic sounding but of course the tone was changing., I am not sure if I am doing the right thing or not, I wanted to make sure I am going down the right path.

3315. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 14:41:00 UTC
From: Dale Parfitt
Topic: 3161 Message: 3315

Hi Jim,
I think I understand what is going on. Apparently the Manual key input to the micro is not being given the same interrupt priority as is the internal keyer.
Never using a manual key, I did not see this. But it also explains why Victor is having an issue as he uses an external keyer and thus has the rig set to Manual keying.

Tnx,

Dale W4OP
----- Original Message -----
From: jamespwithrow@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 11:50 PM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Dale and all -

I am using the firmware from the above link (the files section of this group). I haven't had much chance to play with the radio this week, but I have been able to determine at least on my rig what seems to trigger the issue. I am using a straight key, wired as per the instructions, with the keyer set to "M". If I send a character beginning with a dit and the dit is short enough, the rig will transmit at a frequency shifted downward by the amount of the CW tone. This shift will remain in effect until the rig comes out of transmit. Otherwise, it works just fine. If I send slow enough, it seems to not have any problems.

I haven't been able to reproduce the issue by using the straight key as the left or right side of the paddle - anything sent using the keyer seems to be on frequency reliably.

I'm thinking maybe switch bounce from the key? I have to get hold of a digital scope this week and am going to look at th e switch closure; my scope just isn't fast enough to see anything of any help.

If there is any other information I can provide or anything else I can check to help others out with this issue, just let me know. Thanks again to all of those willing to make these radios even better.

-Jim, N9ZQA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6959 - Release Date: 12/29/13

3316. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 14:45:57 UTC
From: ua1cex@...
Topic: 3161 Message: 3316

Hi Dale, but what to do?

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 18:41
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Hi Jim,
I think I understand what is going on. Apparently the Manual key input to the micro is not being given the same interrupt priority as is the internal keyer.
Never using a manual key, I did not see this. But it also explains why Victor is having an issue as he uses an external keyer and thus has the rig set to Manual keying.

Tnx,

Dale W4OP
----- Original Message -----
From: jamespwithrow@gmail.com
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 11:50 PM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Dale and all -

I am using the firmware from the above link (the files section of this group). I haven't had much chance to play with the radio this week, but I have been able to determine at least on my rig what seems to trigger the issue. I am using a straight key, wired as per the instructions, with the keyer set to "M". If I send a character beginning with a dit and the dit is short enough, the rig will transmit at a frequency shifted downward by the amount of the CW tone. This shift will remain in effect until the rig comes out of transmit. Otherwise, it works just fine. If I send slow enough, it seems to not have any problems.

I haven't been able to reproduce the issue by using the straight key as the left or right side of the paddle - anything sent using the keyer seems to be on frequency reliably.

I'm thinking maybe switch bounce from the key? I have to get hold of a digital scope this week and am going to look at th e switch closure; my scope just isn't fast enough to see anything of any help.

If there is any other information I can provide or anything else I can check to help others out with this issue, just let me know. Thanks again to all of those willing to make these radios even better.

-Jim, N9ZQA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6959 - Release Date: 12/29/13

3317. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 15:05:24 UTC
From: Dale Parfitt
Topic: 3161 Message: 3317

I'll report the bug- until then Victor, you can use the internal keyer!!

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 9:45 AM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Hi Dale, but what to do?

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 18:41
Subject: Re: [X1M_QRP-Transceiver] New firmware.

☐

Hi Jim,
I think I understand what is going on. Apparently the Manual key input to the micro is not being given the same interrupt priority as is the internal keyer.
Never using a manual key, I did not see this. But it also explains why Victor is having an issue as he uses an external keyer and thus has the rig set to Manual keying.

Tnx,

Dale W4OP
----- Original Message -----
From: jamespwithrow@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 11:50 PM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Dale and all -

I am using the firmware from the above link (the files section of this group). I haven't had much chance to play with the radio this week, but I have been able to determine at least on my rig what seems to trigger the issue. I am using a straight key, wired as per the instructions, with the keyer set to "M". If I send a character beginning with a dit and the dit is short enough, the rig will transmit at a frequency shifted downward by the amount of the CW tone. This shift will remain in effect until the rig comes out of transmit. Otherwise, it works just fine. If I send slow enough, it seems to not have any problems.

I haven't been able to reproduce the issue by using the straight key as the left or right side of the paddle - anything sent using the keyer seems to be on frequency reliably.

I'm thinking maybe switch bounce from the key? I have to get hold of a digital scope this week and am going to look at th e switch closure; my scope just isn't fast enough to see anything of any help.

If there is any other information I can provide or anything else I can check to help others out with this issue, just let me know. Thanks again to all of those willing to make these radios even better.

-Jim, N9ZQA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6959 - Release Date: 12/29/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

3318. New User's Guide

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 15:13:30 UTC
From: <deadgoose@...>
Topic: 3318 Message: 3318

Updated User's Guide this morning to include material on updating the front panel.

73 /paul W3FIS

3319. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 15:54:17 UTC
From: ua1cex@...
Topic: 3161 Message: 3319

Oh, Dale. It is better to go to the madhouse, than to use internal keyer. It is a joke.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 19:05
Subject: Re: [X1M_QRP-Transceiver] New firmware.

I'll report the bug- until then Victor, you can use the internal keyer!!

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 9:45 AM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Hi Dale, but what to do?

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 18:41
Subject: Re: [X1M_QRP-Transceiver] New firmware.

☐

Hi Jim,
I think I understand what is going on. Apparently the Manual key input to the micro is not being given the same interrupt priority as is the internal keyer.
Never using a manual key, I did not see this. But it also explains why Victor is having an issue as he uses an external keyer and thus has the rig set to Manual keying.

Tnx,

Dale W4OP
----- Original Message -----
From: jamespwithrow@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 11:50 PM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Dale and all -

I am using the firmware from the above link (the files section of this group). I haven't had much chance to play with the radio this week, but I have been able to determine at least on my rig what seems to trigger the issue. I am using a straight key, wired as per the instructions, with the keyer set to "M". If I send a character beginning with a dit and the dit is short enough, the rig will transmit at a frequency shifted downward by the amount of the CW tone. This shift will remain in effect until the rig comes out of transmit. Otherwise, it works just fine. If I send slow enough, it seems to not have any problems.

I haven't been able to reproduce the issue by using the straight key as the left or right side of the paddle - anything sent using the keyer seems to be on frequency reliably.

I'm thinking maybe switch bounce from the key? I have to get hold of a digital scope this week and am going to look at th e switch closure; my scope just isn't fast enough to see anything of any help.

If there is any other information I can provide or anything else I can check to help others out with this issue, just let me know. Thanks again to all of those willing to make these radios even better.

-Jim, N9ZQA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6959 - Release Date: 12/29/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

3320. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 16:04:15 UTC
From: Dale Parfitt
Topic: 3161 Message: 3320

Hi Victor,
I said that just to get you going. I wonder though if yours for some reason behaves differently than mine. It is not exactly like the keyer in my K3 or my Accukeyer, but I can send pretty effortlessly at 30-35 WPM with it.

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 10:54 AM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Oh, Dale. It is better to go to the madhouse, than to use internal keyer. It is a joke.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 19:05
Subject: Re: [X1M_QRP-Transceiver] New firmware.

☐

I'll report the bug- until then Victor, you can use the internal keyer!!

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 9:45 AM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Hi Dale, but what to do?

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 18:41
Subject: Re: [X1M_QRP-Transceiver] New firmware.

☐

Hi Jim,
I think I understand what is going on. Apparently the Manual key input to the micro is not being given the same interrupt priority as is the internal keyer.

Never using a manual key, I did not see this. But it also explains why Victor is having an issue as he uses an external keyer and thus has the rig set to Manual keying.

Tnx,

Dale W4OP
----- Original Message -----
From: jamespwithrow@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Sunday, December 29, 2013 11:50 PM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

Dale and all -

I am using the firmware from the above link (the files section of this group). I haven't had much chance to play with the radio this week, but I have been able to determine at least on my rig what seems to trigger the issue. I am using a straight key, wired as per the instructions, with the keyer set to "M". If I send a character beginning with a dit and the dit is short enough, the rig will transmit at a frequency shifted downward by the amount of the CW tone. This shift will remain in effect until the rig comes out of transmit. Otherwise, it works just fine. If I send slow enough, it seems to not have any problems.

I haven't been able to reproduce the issue by using the straight key as the left or right side of the paddle - anything sent using the keyer seems to be on frequency reliably.

I'm thinking maybe switch bounce from the key? I have to get hold of a digital scope this week and am going to look at th e switch closure; my scope just isn't fast enough to see anything of any help.

If there is any other information I can provide or anything else I can check to help others out with this issue, just let me know. Thanks again to all of those willing to make these radios even better.

-Jim, N9ZQA

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Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6959 - Release Date: 12/29/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

3321. [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 16:39:48 UTC
From: Klaus
Topic: 2998 Message: 3321

Hello Hans,
only for making sure, i did understand it correctly:
Your diplexer has been inserted between X1M antenna connector and spectrum analyzer and you did NOT modify anything inside the transceiver?

In any case, your work will help all those who also are planning to "misuse" the X1M for LF band operation.
Maybe on occasion you also can tell us, how close your real capacitor values are compared to what has been calculated.

73 de Klaus, DJ7OO

3322. Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 16:52:36 UTC
From: Victor Schensnovich
Topic: 2534 Message: 3322

Dale, I tried internal keyer, but I can send now only dots or only dashes. I changed paddle - no result. Both paddles work ok with another keyer.
Victor, UA1CEX.

3323. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 16:59:35 UTC
From: Joseph Westbrook
Topic: 3161 Message: 3323

I too noticed the same problem as Jim. I was monitoring my CW on a Software Defined Radio using HDSDR allowing me to visually observe the signal a while in Manual Mode. I discovered the problem to be intermittent, sometimes it's spot on frequency but when I stop sending and go back to transmitting again, it may or may not go back to the dial frequency. I also noticed that when sending a rapid succession of dits, the frequency jumps up and down with every other dit being on the correct frequency. Really behaving erratically. I like using my MFJ keyer with Iambic Paddle but I also have a Vibroplex Vibrokeyer in Auto Mode. I will just continue to use the internal keyer until a resolution can be implemented.

Dale's root cause seems to me to be the likely culprit.

73's DE K7ZT, Joe

_____
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 9:05 AM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

☐
I'll report the bug- until then Victor, you can use the internal keyer!!

Dale W4OP
----- Original Message -----
>From: ua1cex@...
>To: X1M_QRP-Transceiver@yahoogroups.com
>Sent: Monday, December 30, 2013 9:45 AM
>Subject: Re: [X1M_QRP-Transceiver] New firmware.
>
>
>Hi Dale, but what to do?73/72 - Victor, UA1CEX.-----Original Message-----From: Dale Parfitt <parinc1@...>To: X1M_QRP-Transceiver@yahoogroups.comSent: пн, 30 дек 2013 18:41Subject: Re: [X1M_QRP-Transceiver] New firmware.
>☐
>Hi Jim,
>I think I understand what is going on. Apparently the Manual key input to the micro is not being given the same interrupt priority as is the internal keyer.
>Never using a manual key, I did not see this. But it also explains why Victor is having an issue as he uses an external keyer and thus has the rig set to Manual keying.
>
>Tnx,
>
>Dale W4OP
>----- Original Message -----
>>From: jamespwithrow@...

>>To: X1M_QRP-Transceiver@yahoogroups.com
>>Sent: Sunday, December 29, 2013 11:50 PM
>>Subject: Re: [X1M_QRP-Transceiver] New firmware.
>>
>>
>>Dale and all -
>>
>>I am using the firmware from the above link (the files section of this group). I haven't had much chance to play with the radio this week, but I have been able to determine at least on my rig what seems to trigger the issue. I am using a straight key, wired as per the instructions, with the keyer set to "M". If I send a character beginning with a dit and the dit is short enough, the rig will transmit at a frequency shifted downward by the amount of the CW tone. This shift will remain in effect until the rig comes out of transmit. Otherwise, it works just fine. If I send slow enough, it seems to not have any problems.
>>
>>I haven't been able to reproduce the issue by using the straight key as the left or right side of the paddle - anything sent using the keyer seems to be on frequency reliably.
>>
>>I'm thinking maybe switch bounce from the key? I have to get hold of a digital scope this week and am going to look at th e switch closure; my scope just isn't fast enough to see anything of any help.
>>
>>If there is any other information I can provide or anything else I can check to help others out with this issue, just let me know. Thanks again to all of those willing to make these radios even better.
>>
>>-Jim, N9ZQA
>>No virus found in this message.
>>Checked by AVG - http://www.avg.com/
>>Version: 2014.0.4259 / Virus Database: 3658/6959 - Release Date: 12/29/13
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>Checked by AVG - http://www.avg.com/
>Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

3324. Re: [X1M_QRP-Transceiver] New firmware.

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 17:20:26 UTC
From: Dale Parfitt
Topic: 3161 Message: 3324

Yep, we thought this issue had been solved 2 firmware versions ago. Not having access to the code, it was not apparent that the straight key and internal keyer interrupts may have been treated differently.

Dale W4OP

From: Joseph Westbrook
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 11:59 AM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

I too noticed the same problem as Jim. I was monitoring my CW on a Software Defined Radio using HDSDR allowing me to visually observe the signal a while in Manual Mode. I discovered the problem to be intermittent, sometimes it's spot on frequency but when I stop sending and go back to transmitting again, it may or may not go back to the dial frequency. I also noticed that when sending a rapid succession of dits, the frequency jumps up and down with every other dit being on the correct frequency. Really behaving erratically. I like using my MFJ keyer with Iambic Paddle but I also have a Vibroplex Vibrokeyer in Auto Mode. I will just continue to use the internal keyer until a resolution can be implemented.

Dale's root cause seems to me to be the likely culprit.

73's DE K7ZT, Joe

From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 9:05 AM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

☐
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Sent: Monday, December 30, 2013 9:45 AM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

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☐
Hi Jim,
I think I understand what is going on. Apparently the Manual key input to the micro is not being given the same interrupt priority as is the internal keyer.

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Tnx,

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Sent: Sunday, December 29, 2013 11:50 PM
Subject: Re: [X1M_QRP-Transceiver] New firmware.

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If there is any other information I can provide or anything else I can check to help others out with this issue, just let me know. Thanks again to all of those willing to make these radios even better.

-Jim, N9ZQA
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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

3325. Re: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 17:22:42 UTC
From: Hans H Vollmer
Topic: 2998 Message: 3325

Hi Klaus,
you understood it right, the diplexer is inserted between X1M and antenna.
No modification in the X1M!
As far as the caps are concerned, for each capacitor I used two in parallel and measured them for better than 1%.
The inducers I've calculated with "ringkern-rechner" and tested with L/C-meter from aade.
In this way theory and praxis are nearly identical, hi.

In the moment I am working on a PA with two IRFP 360 in parallel; in
class E they will provide more than 400 Watts. I hope that will be sufficient.

73 de Hans, DF5SR

On Monday, December 30, 2013 5:39 PM, Klaus <dj7oo@t-online.de> wrote:

Hello Hans,
only for making sure, i did understand it correctly:
Your diplexer has been inserted between X1M antenna connector and spectrum analyzer and you did NOT modify anything inside the transceiver?

In any case, your work will help all those who also are planning to "misuse" the X1M for LF band operation.
Maybe on occasion you also can tell us, how close your real capacitor values are compared to what has been calculated.

73 de Klaus, DJ7OO

3326. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 18:05:12 UTC
From: mikejmardis@...
Topic: 2534 Message: 3326

I did the upgrade from the user group. I tried everything I could think of to replicate Victors issue, all keyer/manual modes with a variety of keys(straight, paddle, ect..) and changing CW tone without success.
My upgrade went flawless without any bugs.

Mike
N1SPZ

Sent from my iPhone

> On Dec 30, 2013, at 11:52, Victor Schensnovich <ua1cex@...> wrote:
>
> Dale, I tried internal keyer, but I can send now only dots or only
> dashes. I changed paddle - no result. Both paddles work ok with another
> keyer.
> Victor, UA1CEX.
>

3327. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 18:15:10 UTC
From: Dale Parfitt
Topic: 2534 Message: 3327

I cannot duplicate the problem here either. Manual or internal keyer- both work FB.
Dale W4OP

----- Original Message -----
From: mikejmardis@aol.com
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 1:05 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

I did the upgrade from the user group. I tried everything I could think of to replicate Victors issue, all keyer/manual modes with a variety of keys(straight, paddle, ect..) and changing CW tone without success.
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Dale, I tried internal keyer, but I can send now only dots or only
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Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

3328. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 18:21:11 UTC
From: ua1cex@...
Topic: 2534 Message: 3328

Manual key works ok, but when I choose AR or AL, keyer send only dots or dashes. I thought, maybe, it is a paddle problem, but two paddles do the same. Maybe, it is my own problem.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 22:15
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

I cannot duplicate the problem here either. Manual or internal keyer- both work FB.
Dale W4OP

----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 1:05 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

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keyer.
Victor, UA1CEX.

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Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

3329. Calibration Tool Shipped

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 19:09:00 UTC
From: <disklog@...>
Topic: 3329 Message: 3329

Mike,
This morning I shipped the calibration device to you via USPS. The tracking number is: 9114901075742739473883
Please email me when you are finished using it and I will give you the info needed to ship to the next user.
73,
Ken N2LZV

3330. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 19:17:07 UTC
From: Dale Parfitt
Topic: 2534 Message: 3330

Hi Victor,
I am now wondering if there is a mechanical issue with your key jack. When you say all dashes or all dots- I am thinking one or the other depending on whether you have AR or AL set up. Try this test:
Plug in just your paddle with "M" for the Key type selected. Can you make dashes (or whatever) from both the dot and dash side?

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 1:21 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Manual key works ok, but when I choose AR or AL, keyer send only dots or dashes. I thought, maybe, it is a paddle problem, but two paddles do the same. Maybe, it is my own problem.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 22:15
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

□

I cannot duplicate the problem here either. Manual or internal keyer- both work FB.
Dale W4OP

----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 1:05 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

I did the upgrade from the user group. I tried everything I could think of to replicate Victors issue, all keyer/manual modes with a variety of keys(straight, paddle, ect..) and changing CW tone without success.
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Mike
N1SPZ

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On Dec 30, 2013, at 11:52, Victor Schensnovich <ua1cex@...> wrote:

Dale, I tried internal keyer, but I can send now only dots or only dashes. I changed paddle - no result. Both paddles work ok with another keyer.
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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

3331. Re: [X1M_QRP-Transceiver] Calibration Tool Shipped

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 19:17:44 UTC
From: mikejmardis@...
Topic: 3329 Message: 3331

Ty
Mike

Sent from my iPhone

> On Dec 30, 2013, at 14:09, <disklog@yahoo.com> wrote:
>
> Mike,
> This morning I shipped the calibration device to you via USPS. The tracking number is: 9114901075742739473883
> Please email me when you are finished using it and I will give you the info needed to ship to the next user.
> 73,
> Ken N2LZV
>
>

3332. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 19:24:49 UTC
From: ua1cex@...
Topic: 2534 Message: 3332

Dale, I tried use a paddle in "M", only one side of paddle works another keep a silence. Maybe, it is mechanical problem. I mean bad contact in X1M.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 23:17
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Hi Victor,
I am now wondering if there is a mechanical issue with your key jack. When you say all dashes or all dots- I am thinking one or the other depending on whether you have AR or AL set up. Try this test:
Plug in just your paddle with "M" for the Key type selected. Can you make dashes (or whatever) from both the dot and dash side?

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 1:21 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Manual key works ok, but when I choose AR or AL, keyer send only dots or dashes. I thought, maybe, it is a paddle problem, but two paddles do the same. Maybe, it is my own problem.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 22:15
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

☐

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Dale W4OP

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To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 1:05 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

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My upgrade went flawless without any bugs.

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Sent from my iPhone

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Dale, I tried internal keyer, but I can send now only dots or only
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Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

3333. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 19:31:41 UTC
From: Dale Parfitt
Topic: 2534 Message: 3333

Yep, that was the conclusion I was coming to also. At some point, we are going to have to locate some more reliable connectors to the outside world.
You might first confirm that it is not a broken solder joint though. Early on I epoxied the connectors (neatly) to the PCB board so that mechanical strain could not dislodge the solder tabs to the PCB. I guess I am old school, but I still like connectors that fasten onto the panel with a flatwasher and nut.
Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 2:24 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Dale, I tried use a paddle in "M", only one side of paddle works another keep a silence. Maybe, it is mechanical problem. I mean bad contact in X1M.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 23:17
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

☐

Hi Victor,
I am now wondering if there is a mechanical issue with your key jack. When you say all dashes or all dots- I am thinking one or the other depending on whether you have AR or AL set up. Try this test:
Plug in just your paddle with "M" for the Key type selected. Can you make dashes (or whatever) from both the dot and dash side?

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 1:21 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Manual key works ok, but when I choose AR or AL, keyer send only dots or dashes. I thought, maybe, it is a paddle problem, but two paddles do the same. Maybe, it is my own problem.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@frontier.com>

To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 22:15
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

□

I cannot duplicate the problem here either. Manual or internal keyer- both work FB.
Dale W4OP

----- Original Message -----
From: mikejmardis@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 1:05 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

I did the upgrade from the user group. I tried everything I could think of to replicate Victors issue, all keyer/manual modes with a variety of keys(straight, paddle, ect..) and changing CW tone without success.
My upgrade went flawless without any bugs.

Mike
N1SPZ

Sent from my iPhone

On Dec 30, 2013, at 11:52, Victor Schensnovich <ua1cex@...> wrote:

Dale, I tried internal keyer, but I can send now only dots or only
dashes. I changed paddle - no result. Both paddles work ok with another
keyer.
Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

3334. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 19:35:35 UTC
From: ua1cex@...
Topic: 2534 Message: 3334

Ok, I will check PCB points first. Anyway, tomorrow, I will reinstall firmware.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 23:31
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Yep, that was the conclusion I was coming to also. At some point, we are going to have to locate some more reliable connectors to the outside world.
You might first confirm that it is not a broken solder joint though. Early on I epoxied the connectors (neatly) to the PCB board so that mechanical strain could not dislodge the solder tabs to the PCB. I guess I am old school, but I still like connectors that fasten onto the panel with a flatwasher and nut.
Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 2:24 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Dale, I tried use a paddle in "M", only one side of paddle works another keep a silence. Maybe, it is mechanical problem. I mean bad contact in X1M.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 23:17
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

☐

Hi Victor,
I am now wondering if there is a mechanical issue with your key jack. When you say all dashes or all dots- I am thinking one or the other depending on whether you have AR or AL set up. Try this test:
Plug in just your paddle with "M" for the Key type selected. Can you make dashes (or whatever) from both the dot and dash side?

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com

Sent: Monday, December 30, 2013 1:21 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Manual key works ok, but when I choose AR or AL, keyer send only dots or dashes. I thought, maybe, it is a paddle problem, but two paddles do the same. Maybe, it is my own problem.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 22:15
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

□

I cannot duplicate the problem here either. Manual or internal keyer- both work FB.
Dale W4OP

----- Original Message -----
From: mikejmardis@aol.com
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 1:05 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

I did the upgrade from the user group. I tried everything I could think of to replicate Victors issue, all keyer/manual modes with a variety of keys(straight, paddle, ect..) and changing CW tone without success.
My upgrade went flawless without any bugs.

Mike
N1SPZ

Sent from my iPhone

On Dec 30, 2013, at 11:52, Victor Schensnovich <ua1cex@...> wrote:

Dale, I tried internal keyer, but I can send now only dots or only
dashes. I changed paddle - no result. Both paddles work ok with another
keyer.
Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

3335. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 19:45:31 UTC
From: <lphebus@...>
Topic: 2534 Message: 3335

Hi folks, I hope this adds something to the discussion... here is what I get... first I am using an X1M pro with the if offset = cw BFO. My CW tone is 700 Hz. I have a MFJ iambic keyer and the Nov 20th firmware. I connected the X1M to a dummy load and observed the CW mode output on a nearby (antenna-less) SDR display. I'll post pictures of the waterfall. The first dit, whether the keyer is used in manual or AR mode, is a split signal with part of the RF on the transmit frequency (7.105 MHz in my case) and part 700 Hz lower (see picture a). They appear to be of similar intensity (pic b). This does not occur again while TX mode is maintained (pic c). If the unit is allowed to go back to RX mode, the first subsequent TX dit (or dah) is again split. The same thing happens with first dashes, but the effect is less noticeable since only the first part of the dash is split (and attenuated) (pic a). A series of dits or dahs (15 WPM) shows a splitting of the earliest part of the transmission (see pic c). As you can see, the first "on frequency" dit intensity (RF power) seems significantly attenuated by the frequency splitting. Maybe this is Victor's lost dit?

Lee
KF7YRS

3336. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 20:02:09 UTC
From: ua1cex@...
Topic: 2534 Message: 3336

Hi Lee. Yes I had this problem. But when I reinstall firmware, first dot is apeared. Now, I had another problem. It is not possible to use external keyer, because in pause of TX freq. Is jumping up and down and shift is CW tone in settings of X1M.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: пн, 30 дек 2013 23:45
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Hi folks, I hope this adds something to the discussion... here is what I get... first I am using an X1M pro with the if offset = cw BFO. My CW tone is 700 Hz. I have a MFJ iambic keyer and the Nov 20th firmware. I connected the X1M to a dummy load and observed the CW mode output on a nearby (antenna-less) SDR display. I'll post pictures of the waterfall. The first dit, whether the keyer is used in manual or AR mode, is a split signal with part of the RF on the transmit frequency (7.105 MHz in my case) and part 700 Hz lower (see picture a). They appear to be of similar intensity (pic b). This does not occur again while TX mode is maintained (pic c). If the unit is allowed to go back to RX mode, the first subsequent TX dit (or dah) is again split. The same thing happens with first dashes, but the effect is less noticeable since only the first part of the dash is split (and attenuated) (pic a). A series of dits or dahs (15 WPM) shows a splitting of the earliest part of the transmission (see pic c). As you can see, the first "on frequency" dit intensity (RF power) seems significantly attenuated by the frequency splitting. Maybe this is Victor's lost dit?

Lee
KF7YRS

3337. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 20:09:15 UTC
From: Dale Parfitt
Topic: 2534 Message: 3337

This was the exact issue until the November firmware upgrade. I have not observed this on either of the two units I have here. So no idea where to go with this one.
Can you reload the November firmware and check again?

Tnx,

Dale W4OP

----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 2:45 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Hi folks, I hope this adds something to the discussion... here is what I get... first I am using an X1M pro with the if offset = cw BFO. My CW tone is 700 Hz. I have a MFJ iambic keyer and the Nov 20th firmware. I connected the X1M to a dummy load and observed the CW mode output on a nearby (antenna-less) SDR display. I'll post pictures of the waterfall. The first dit, whether the keyer is used in manual or AR mode, is a split signal with part of the RF on the transmit frequency (7.105 MHz in my case) and part 700 Hz lower (see picture a). They appear to be of similar intensity (pic b). This does not occur again while TX mode is maintained (pic c). If the unit is allowed to go back to RX mode, the first subsequent TX dit (or dah) is again split. The same thing happens with first dashes, but the effect is less noticeable since only the first part of the dash is split (and attenuated) (pic a). A series of dits or dahs (15 WPM) shows a splitting of the earliest part of the transmission (see pic c). As you can see, the first "on frequency" dit intensity (RF power) seems significantly attenuated by the frequency splitting. Maybe this is Victor's lost dit?

Lee

KF7YRS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

3338. Re: X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 20:16:18 UTC
From: Klaus
Topic: 2998 Message: 3338

Hi Hans

> you understood it right, the diplexer is inserted between X1M and
> antenna. No modification in the X1M!

> As far as the caps are concerned, for each capacitor I used two in
> parallel and measured them for better than 1%.
> The inducers I've calculated with "ringkern-rechner" and tested
> with L/C-meter from aade. In this way theory and praxis are nearly
> identical, hi.

OK, fine. This all makes things quite easy.

> In the moment I am working on a PA with two IRFP 360 in parallel;
> in class E they will provide more than 400 Watts. I hope that will
> be sufficient.

Making a lot of RF power in LF bands should not be a big problem,
but its optimal radiation could be a different story.

73 de Klaus, DJ7OO

3339. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 20:24:08 UTC
From: ua1cex@...
Topic: 2534 Message: 3339

Dale, I will try November firmware as well. Frankly speaking, I did not understand what becomes better. But after Nov. update everything works ok.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 0:09
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

This was the exact issue until the November firmware upgrade. I have not observed this on either of the two units I have here. So no idea where to go with this one.
Can you reload the November firmware and check again?

Tnx,

Dale W4OP

----- Original Message -----
From: lphebus@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 2:45 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Hi folks, I hope this adds something to the discussion... here is what I get... first I am using an X1M pro with the if offset = cw BFO. My CW tone is 700 Hz. I have a MFJ iambic keyer and the Nov 20th firmware. I connected the X1M to a dummy load and observed the CW mode output on a nearby (antenna-less) SDR display. I'll post pictures of the waterfall. The first dit, whether the keyer is used in manual or AR mode, is a split signal with part of the RF on the transmit frequency (7.105 MHz in my case) and part 700 Hz lower (see picture a). They appear to be of similar intensity (pic b). This does not occur again while TX mode is maintained (pic c). If the unit is allowed to go back to RX mode, the first subsequent TX dit (or dah) is again split. The same thing happens with first dashes, but the effect is less noticeable since only the first part of the dash is split (and attenuated) (pic a). A series of dits or dahs (15 WPM) shows a splitting of the earliest part of the transmission (see pic c). As you can see, the first "on frequency" dit intensity (RF power) seems significantly attenuated by the frequency splitting. Maybe this is Victor's lost dit?

Lee

KF7YRS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

3340. Re: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 20:31:27 UTC
From: Dale Parfitt
Topic: 2998 Message: 3340

Klaus and Hans,
Could you repost the power out on 630M and down? It's about time I got started.

Tnx,

Dale W4OP
----- Original Message -----
From: Klaus
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 3:16 PM
Subject: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test

Hi Hans

> you understood it right, the diplexer is inserted between X1M and
> antenna. No modification in the X1M!

> As far as the caps are concerned, for each capacitor I used two in
> parallel and measured them for better than 1%.
> The inducers I've calculated with "ringkern-rechner" and tested
> with L/C-meter from aade. In this way theory and praxis are nearly
> identical, hi.

OK, fine. This all makes things quite easy.

> In the moment I am working on a PA with two IRFP 360 in parallel;
> in class E they will provide more than 400 Watts. I hope that will
> be sufficient.

Making a lot of RF power in LF bands should not be a big problem,
but its optimal radiation could be a different story.

73 de Klaus, DJ7OO

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

3341. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 20:33:11 UTC
From: Dale Parfitt
Topic: 2534 Message: 3341

I believe (the Chinese were not clear) that the difference between NOV and DEC was that CW Split is now operational.

Dale
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 3:24 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Dale, I will try November firmware as well. Frankly speaking, I did not understand what becomes better. But after Nov. update everything works ok.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 0:09
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

□

This was the exact issue until the November firmware upgrade. I have not observed this on either of the two units I have here. So no idea where to go with this one.
Can you reload the November firmware and check again?

Tnx,

Dale W4OP

----- Original Message -----
From: lphebus@yahoo.com
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 2:45 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Hi folks, I hope this adds something to the discussion... here is what I get... first I am using an X1M pro with the if offset = cw BFO. My CW tone is 700 Hz. I have a MFJ iambic keyer and the Nov 20th firmware. I connected the X1M to a dummy load and observed the CW mode output on a nearby (antenna-less) SDR display. I'll post pictures of the waterfall. The first dit, whether the keyer is used in manual or AR mode, is a split signal with part of the RF on the transmit frequency (7.105 MHz in my case) and part 700 Hz lower (see picture a). They appear to be of similar intensity (pic b). This does not occur again while TX mode is maintained (pic c). If the unit is allowed to go back to RX mode, the first subsequent TX dit (or dah) is again split. The same thing happens with first dashes, but the effect is less noticeable since only the first part of the dash is split (and

attenuated) (pic a). A series of dits or dahs (15 WPM) shows a splitting of the earliest part of the transmission (see pic c). As you can see, the first "on frequency" dit intensity (RF power) seems significantly attenuated by the frequency splitting. Maybe this is Victor's lost dit?

Lee

KF7YRS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

3342. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 20:49:41 UTC
From: <lphebus@...>
Topic: 2534 Message: 3342

No problem, I'll reload the Nov firmware and see what happens. Lee kf7yrs

3343. Re: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 21:29:10 UTC
From: Hans H Vollmer
Topic: 2998 Message: 3343

Hi Dale,
on 630m I got about 20mW after the diplexer.
With LF I have no experience.
73 de Hans, DF5SR

On Monday, December 30, 2013 9:30 PM, Dale Parfitt <parinc1@...> wrote:

Klaus and Hans,
Could you repost the power out on 630M and down?
It's about time I got started.

Tnx,

Dale W4OP
----- Original Message -----
>From: Klaus
>To: X1M_QRP-Transceiver@yahoogroups.com
>Sent: Monday, December 30, 2013 3:16 PM
>Subject: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test
>
>
>Hi Hans
>
>> you understood it right, the diplexer is inserted
between X1M and
>> antenna. No modification in the X1M!
>
>> As
far as the caps are concerned, for each capacitor I used two in
>>
parallel and measured them for better than 1%.
>> The inducers I've
calculated with "ringkern-rechner" and tested
>> with L/C-meter from
aade. In this way theory and praxis are nearly
>> identical,
hi.
>
>OK, fine. This all makes things quite easy.
>
>> In the
moment I am working on a PA with two IRFP 360 in parallel;
>> in class E
they will provide more than 400 Watts. I hope that will
>> be
sufficient.

>
>Making a lot of RF power in LF bands should not be a big
problem,
>but its optimal radiation could be a different story.
>
>73
de Klaus, DJ7OO
>
>
>No virus found in this message.
>Checked by AVG - www.avg.com
>Version: 2014.0.4259 / Virus
Database: 3658/6960 - Release Date: 12/30/13

3344. Re: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 21:41:36 UTC
From: Dale Parfitt
Topic: 2998 Message: 3344

Perfect- thanks Hans,

Dale W4OP
----- Original Message -----
From: Hans H Vollmer
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 4:29 PM
Subject: Re: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test

Hi Dale,
on 630m I got about 20mW after the diplexer.
With LF I have no experience.
73 de Hans, DF5SR

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Klaus and Hans,
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Tnx,

Dale W4OP
----- Original Message -----
From: Klaus
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Monday, December 30, 2013 3:16 PM
Subject: [X1M_QRP-Transceiver] Re: X1M pro LF/MF TX Test

Hi Hans

> you understood it right, the diplexer is inserted between X1M and
> antenna. No modification in the X1M!

> As far as the caps are concerned, for each capacitor I used two in
> parallel and measured them for better than 1%.
> The inducers I've calculated with "ringkern-rechner" and tested
> with L/C-meter from aade. In this way theory and praxis are nearly
> identical, hi.

OK, fine. This all makes things quite easy.

> In the moment I am working on a PA with two IRFP 360 in parallel;
> in class E they will provide more than 400 Watts. I hope that will
> be sufficient.

Making a lot of RF power in LF bands should not be a big problem,
but its optimal radiation could be a different story.

73 de Klaus, DJ7OO

No virus found in this message.
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Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6960 - Release Date: 12/30/13

3345. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-30 22:04:58 UTC
From: <lphebus@...>
Topic: 2534 Message: 3345

OK, here is what happened after reloading the Nov firmware and then the Dec firmware... Reloading the Nov firmware did not change the attenuation and splitting of the very early part of a CW transmission, as has been seen in pictures a, b and c. I then loaded the Dec firmware update and the early transmission frequency splitting was gone, although the strength of the first dit still seemed a bit attenuated (not really quantified, just a judgement). BUT, now as you can see in picture "d", the transmission frequency seemingly randomly shifts from the one set (7.105 MHz) to one down 700 Hz. This only happens when the keyer is set to manual mode and I "flail" a bit on the keyer. A long steady carrier transmission usually comes out on the right frequency. But if I flutter on the keyer, pause for a RX reset, and then flutter some more there is often a -700 Hz shift in the TX frequency. It is a very reliable effect and as you can see from picture d, I could make the TX alternate between the two frequencies. It did not always alternate however. If the keyer was in AR or AL mode, I could not cause the TX shift no matter how high I set the WPM speed. When in manual mode, either side of my iambic keyer (either paddle) could initiate the shift if "fluttered" (one paddle goes to the tip and one to the collar of the keyer jack). At least it is reproducible! Lee KF7YRS

3346. RE: Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-31 11:23:39 UTC
From: <radiofrecuencia2013@...>
Topic: 2534 Message: 3346

Failures CW Straight manipulator.
This is a summary of my experience with straight failures manipulator with December 2013 firmware

With straight hey some pulses are transmitted without frequency offset (eg 800Hz).
This occurs randomly many times.
So often it is impossible to work in CW with a straight key.

Important:
- While in the menu "SETTINGS" seems to work wel ¿?
- Must be emphasized that CW with Time Delay very low (eg 050), the problem seems to decrease a lot or almost disappears.

Salvador

---In X1M_QRP-Transceiver@yahoogroups.com, <lphebus@...> wrote:

OK, here is what happened after reloading the Nov firmware and then the Dec firmware... Reloading the Nov firmware did not change the attenuation and splitting of the very early part of a CW transmission, as has been seen in pictures a, b and c. I then loaded the Dec firmware update and the early transmission frequency splitting was gone, although the strength of the first dit still seemed a bit attenuated (not really quantified, just a judgement). BUT, now as you can see in picture "d", the transmission frequency seemingly randomly shifts from the one set (7.105 MHz) to one down 700 Hz. This only happens when the keyer is set to manual mode and I "flail" a bit on the keyer. A long steady carrier transmission usually comes out on the right frequency. But if I flutter on the keyer, pause for a RX reset, and then flutter some more there is often a -700 Hz shift in the TX frequency. It is a very reliable effect and as you can see from picture d, I could make the TX alternate between the two frequencies. It did not always alternate however. If the keyer was in AR or AL mode, I could not cause the TX shift no matter how high I set the WPM speed. When in manual mode, either side of my iambic keyer (either paddle) could initiate the shift if "fluttered" (one paddle goes to the tip and one to the collar of the keyer jack). At least it is reproducible! Lee KF7YRS

3347. Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-31 12:34:44 UTC
From: ua1cex@...
Topic: 2534 Message: 3347

Hi Dale. I have a question. What is a 5 dots spacing??? In electronic keyer all spacing has to be 1 dot. And it does not matter between what. And than this keyer will start to work like all other keyers.

73/72 - Victor, UA1CEX.

3348. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-31 14:00:35 UTC
From: Dale Parfitt
Topic: 2534 Message: 3348

I am not sure what you are referring to Victor. The only thing that comes to mind is that the spacing between elements is a single dot length, while the ideal spacing between words is 5 dot lengths (from memory).

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 7:34 AM
Subject: [X1M_QRP-Transceiver] Internal keyer

Hi Dale. I have a question. What is a 5 dots spacing??? In electronic keyer all spacing has to be 1 dot. And it does not matter between what. And than this keyer will start to work like all other keyers.

73/72 - Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6962 - Release Date: 12/30/13

3349. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-31 14:11:50 UTC
From: ua1cex@...
Topic: 2534 Message: 3349

Dale, when I sent a letter, I cannot send next one, because I have to wait 5 dots spacing. And this delay after each letter. It is not normal!

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@frontier.com>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 18:00
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

I am not sure what you are referring to Victor. The only thing that comes to mind is that the spacing between elements is a single dot length, while the ideal spacing between words is 5 dot lengths (from memory).

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 7:34 AM
Subject: [X1M_QRP-Transceiver] Internal keyer

Hi Dale. I have a question. What is a 5 dots spacing??? In electronic keyer all spacing has to be 1 dot. And it does not matter between what. And than this keyer will start to work like all other keyers.

73/72 - Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6962 - Release Date: 12/30/13

3350. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-31 14:13:40 UTC
From: ua1cex@...
Topic: 2534 Message: 3350

I cannot do spacing myself for example 2 or 3 dots between letters, that's why it works not like in K3.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 18:00
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

I am not sure what you are referring to Victor. The only thing that comes to mind is that the spacing between elements is a single dot length, while the ideal spacing between words is 5 dot lengths (from memory).

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 7:34 AM
Subject: [X1M_QRP-Transceiver] Internal keyer

Hi Dale. I have a question. What is a 5 dots spacing??? In electronic keyer all spacing has to be 1 dot. And it does not matter between what. And than this keyer will start to work like all other keyers.

73/72 - Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6962 - Release Date: 12/30/13

3351. Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-31 14:27:54 UTC
From: ua1cex@...
Topic: 2534 Message: 3351

Dale, it is very easy to improve it. Just to tell people in the factory to do spacing 1 dot everywhere and that's it. We will be very happy.

73/72 - Victor, UA1CEX.

3352. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-31 14:35:25 UTC
From: Dale Parfitt
Topic: 2534 Message: 3352

I think letter spacing is 3 dot lengths- which apparently, the X1M keyer forces. My Accukeyer has this also- I normally do not use it, preferring to depend upon my own timing. But I have adjusted to the X1M. Maybe not for the CW purist.

I detect that spacing only when the previous Morse character ends in a dot. As an example, sending DE- I can feel the forced letter spacing. This may be an artifact of the Dot Memory I requested. We could ask if they can eliminate Dot Memory as it is not nearly as important as Dash Memory, but I fear there could be other collateral casualties as result of the language barrier.

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 9:11 AM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Dale, when I sent a letter, I cannot send next one, because I have to wait 5 dots spacing. And this delay after each letter. It is not normal!

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 18:00
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

☐

I am not sure what you are referring to Victor. The only thing that comes to mind is that the spacing between elements is a single dot length, while the ideal spacing between words is 5 dot lengths (from memory).

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 7:34 AM
Subject: [X1M_QRP-Transceiver] Internal keyer

Hi Dale. I have a question. What is a 5 dots spacing??? In electronic keyer all spacing has to be 1 dot. And it does not matter between what. And than this keyer will start to work like all other keyers.

73/72 - Victor, UA1CEX.

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6963 - Release Date: 12/31/13

3353. Meter Housing Photos

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-31 17:21:40 UTC
From: <disklog@...>
Topic: 3353 Message: 3353

I have added 3 photos to my "Version 3 Board" album. These photos show the completed S/RF meter housing. This housing mounts under the front of the radio and also contains the speech processor circuit and tune button.
The housing is made from copper circuit board material and places the radio on a comfortable viewing angle.
Ken N2LZV

3354. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-31 17:28:29 UTC
From: ua1cex@...
Topic: 2534 Message: 3354

Dale, yes, if you can do your own timing it is what we need. But really, Chinese can do something wrong again. I installed now Nov. firmware. And now everything is ok. But first dot is shorter than others.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 18:35
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

I think letter spacing is 3 dot lengths- which apparently, the X1M keyer forces. My Accukeyer has this also- I normally do not use it, preferring to depend upon my own timing. But I have adjusted to the X1M. Maybe not for the CW purist.

I detect that spacing only when the previous Morse character ends in a dot. As an example, sending DE- I can feel the forced letter spacing. This may be an artifact of the Dot Memory I requested. We could ask if they can eliminate Dot Memory as it is not nearly as important as Dash Memory, but I fear there could be other collateral casualties as result of the language barrier.

Dale W4OP
----- Original Message -----
From: ua1cex@mail.ru
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 9:11 AM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Dale, when I sent a letter, I cannot send next one, because I have to wait 5 dots spacing. And this delay after each letter. It is not normal!

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 18:00
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

☐

I am not sure what you are referring to Victor. The only thing that comes to mind is that the spacing between elements is a single dot length, while the ideal spacing between words is 5 dot lengths (from memory).

Dale W4OP
----- Original Message -----

From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 7:34 AM
Subject: [X1M_QRP-Transceiver] Internal keyer

Hi Dale. I have a question. What is a 5 dots spacing??? In electronic keyer all spacing has to be 1 dot. And it does not matter between what. And than this keyer will start to work like all other keyers.

73/72 - Victor, UA1CEX.

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Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6962 - Release Date: 12/30/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6963 - Release Date: 12/31/13

3355. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-31 17:46:18 UTC
From: Dale Parfitt
Topic: 2534 Message: 3355

Can you tell if part of that 1st dot is on the RX freq?

Dale
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 12:28 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Dale, yes, if you can do your own timing it is what we need. But really, Chinese can do something wrong again. I installed now Nov. firmware. And now everything is ok. But first dot is shorter than others.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 18:35
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

☐

I think letter spacing is 3 dot lengths- which apparently, the X1M keyer forces. My Accukeyer has this also- I normally do not use it, preferring to depend upon my own timing. But I have adjusted to the X1M. Maybe not for the CW purist.

I detect that spacing only when the previous Morse character ends in a dot. As an example, sending DE- I can feel the forced letter spacing. This may be an artifact of the Dot Memory I requested. We could ask if they can eliminate Dot Memory as it is not nearly as important as Dash Memory, but I fear there could be other collateral casualties as result of the language barrier.

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 9:11 AM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Dale, when I sent a letter, I cannot send next one, because I have to wait 5 dots spacing. And this delay after each letter. It is not normal!

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com

Sent: вт, 31 дек 2013 18:00
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

☐

I am not sure what you are referring to Victor. The only thing that comes to mind is that the spacing between elements is a single dot length, while the ideal spacing between words is 5 dot lengths (from memory).

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 7:34 AM
Subject: [X1M_QRP-Transceiver] Internal keyer

Hi Dale. I have a question. What is a 5 dots spacing??? In electronic keyer all spacing has to be 1 dot. And it does not matter between what. And than this keyer will start to work like all other keyers.

73/72 - Victor, UA1CEX.

No virus found in this message.
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Version: 2014.0.4259 / Virus Database: 3658/6963 - Release Date: 12/31/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6963 - Release Date: 12/31/13

3356. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-31 18:17:56 UTC
From: ua1cex@...
Topic: 2534 Message: 3356

Yes, Dale. It is on RX freq.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 21:46
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Can you tell if part of that 1st dot is on the RX freq?

Dale
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 12:28 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Dale, yes, if you can do your own timing it is what we need. But really, Chinese can do something wrong again. I installed now Nov. firmware. And now everything is ok. But first dot is shorter than others.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 18:35
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

☐

I think letter spacing is 3 dot lengths- which apparently, the X1M keyer forces. My Accukeyer has this also- I normally do not use it, preferring to depend upon my own timing. But I have adjusted to the X1M. Maybe not for the CW purist.

I detect that spacing only when the previous Morse character ends in a dot. As an example, sending DE- I can feel the forced letter spacing. This may be an artifact of the Dot Memory I requested. We could ask if they can eliminate Dot Memory as it is not nearly as important as Dash Memory, but I fear there could be other collateral casualties as result of the language barrier.

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 9:11 AM

Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Dale, when I sent a letter, I cannot send next one, because I have to wait 5 dots spacing. And this delay after each letter. It is not normal!

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 18:00
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

☐

I am not sure what you are referring to Victor. The only thing that comes to mind is that the spacing between elements is a single dot length, while the ideal spacing between words is 5 dot lengths (from memory).

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 7:34 AM
Subject: [X1M_QRP-Transceiver] Internal keyer

Hi Dale. I have a question. What is a 5 dots spacing??? In electronic keyer all spacing has to be 1 dot. And it does not matter between what. And than this keyer will start to work like all other keyers.

73/72 - Victor, UA1CEX.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6962 - Release Date: 12/30/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6963 - Release Date: 12/31/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6963 - Release Date: 12/31/13

3357. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-31 18:19:12 UTC
From: ua1cex@...
Topic: 2534 Message: 3357

Dale, I did mistake. First dot on TX freq. It works ok

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 21:46
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Can you tell if part of that 1st dot is on the RX freq?

Dale
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 12:28 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Dale, yes, if you can do your own timing it is what we need. But really, Chinese can do something wrong again. I installed now Nov. firmware. And now everything is ok. But first dot is shorter than others.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 18:35
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

☐

I think letter spacing is 3 dot lengths- which apparently, the X1M keyer forces. My Accukeyer has this also- I normally do not use it, preferring to depend upon my own timing. But I have adjusted to the X1M. Maybe not for the CW purist.

I detect that spacing only when the previous Morse character ends in a dot. As an example, sending DE- I can feel the forced letter spacing. This may be an artifact of the Dot Memory I requested. We could ask if they can eliminate Dot Memory as it is not nearly as important as Dash Memory, but I fear there could be other collateral casualties as result of the language barrier.

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 9:11 AM

Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Dale, when I sent a letter, I cannot send next one, because I have to wait 5 dots spacing. And this delay after each letter. It is not normal!

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 18:00
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

☐

I am not sure what you are referring to Victor. The only thing that comes to mind is that the spacing between elements is a single dot length, while the ideal spacing between words is 5 dot lengths (from memory).

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 7:34 AM
Subject: [X1M_QRP-Transceiver] Internal keyer

Hi Dale. I have a question. What is a 5 dots spacing??? In electronic keyer all spacing has to be 1 dot. And it does not matter between what. And than this keyer will start to work like all other keyers.

73/72 - Victor, UA1CEX.

No virus found in this message.
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Version: 2014.0.4259 / Virus Database: 3658/6962 - Release Date: 12/30/13

No virus found in this message.
Checked by AVG - www.avg.com
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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6963 - Release Date: 12/31/13

3358. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-31 18:21:43 UTC
From: Dale Parfitt
Topic: 2534 Message: 3358

A relief- thanks so much Victor,

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 1:19 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Dale, I did mistake. First dot on TX freq. It works ok

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 21:46
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

☐

Can you tell if part of that 1st dot is on the RX freq?

Dale
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 12:28 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Dale, yes, if you can do your own timing it is what we need. But really, Chinese can do something wrong again. I installed now Nov. firmware. And now everything is ok. But first dot is shorter than others.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 18:35
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

☐

I think letter spacing is 3 dot lengths- which apparently, the X1M keyer forces. My Accukeyer has this also- I normally do not use it, preferring to depend upon my own timing. But I have adjusted to the X1M. Maybe not for the CW purist.

I detect that spacing only when the previous Morse character ends in a dot. As an example, sending DE- I can feel the forced letter spacing. This may be an artifact of the Dot Memory I requested. We could ask if they can eliminate Dot Memory as it is not nearly as important as Dash Memory, but I fear there could be other collateral casualties as result of the language barrier.

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 9:11 AM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Dale, when I sent a letter, I cannot send next one, because I have to wait 5 dots spacing. And this delay after each letter. It is not normal!

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@frontier.com>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 18:00
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

□

I am not sure what you are referring to Victor. The only thing that comes to mind is that the spacing between elements is a single dot length, while the ideal spacing between words is 5 dot lengths (from memory).

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 7:34 AM
Subject: [X1M_QRP-Transceiver] Internal keyer

Hi Dale. I have a question. What is a 5 dots spacing??? In electronic keyer all spacing has to be 1 dot. And it does not matter between what. And than this keyer will start to work like all other keyers.

73/72 - Victor, UA1CEX.

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Version: 2014.0.4259 / Virus Database: 3658/6962 - Release Date: 12/30/13

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Version: 2014.0.4259 / Virus Database: 3658/6963 - Release Date: 12/31/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6963 - Release Date: 12/31/13

3359. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-31 18:20:24 UTC
From: ua1cex@...
Topic: 2534 Message: 3359

No problem with first dot.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 21:46
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Can you tell if part of that 1st dot is on the RX freq?

Dale
----- Original Message -----
From: ua1cex@mail.ru
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 12:28 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Dale, yes, if you can do your own timing it is what we need. But really, Chinese can do something wrong again. I installed now Nov. firmware. And now everything is ok. But first dot is shorter than others.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 18:35
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

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I think letter spacing is 3 dot lengths- which apparently, the X1M keyer forces. My Accukeyer has this also- I normally do not use it, preferring to depend upon my own timing. But I have adjusted to the X1M. Maybe not for the CW purist.

I detect that spacing only when the previous Morse character ends in a dot. As an example, sending DE- I can feel the forced letter spacing. This may be an artifact of the Dot Memory I requested. We could ask if they can eliminate Dot Memory as it is not nearly as important as Dash Memory, but I fear there could be other collateral casualties as result of the language barrier.

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 9:11 AM

Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Dale, when I sent a letter, I cannot send next one, because I have to wait 5 dots spacing. And this delay after each letter. It is not normal!

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 18:00
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

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I am not sure what you are referring to Victor. The only thing that comes to mind is that the spacing between elements is a single dot length, while the ideal spacing between words is 5 dot lengths (from memory).

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 7:34 AM
Subject: [X1M_QRP-Transceiver] Internal keyer

Hi Dale. I have a question. What is a 5 dots spacing??? In electronic keyer all spacing has to be 1 dot. And it does not matter between what. And than this keyer will start to work like all other keyers.

73/72 - Victor, UA1CEX.

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Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6962 - Release Date: 12/30/13

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Version: 2014.0.4259 / Virus Database: 3658/6963 - Release Date: 12/31/13

3360. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-31 18:34:52 UTC
From: Dale Parfitt
Topic: 2534 Message: 3360

And this is November firmware I believe. There was a problem for you with the December firmware?

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 1:20 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

No problem with first dot.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 21:46
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

☐

Can you tell if part of that 1st dot is on the RX freq?

Dale
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 12:28 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Dale, yes, if you can do your own timing it is what we need. But really, Chinese can do something wrong again. I installed now Nov. firmware. And now everything is ok. But first dot is shorter than others.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@frontier.com>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 18:35
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

☐

I think letter spacing is 3 dot lengths- which apparently, the X1M keyer forces. My Accukeyer has this also- I normally do not use it, preferring to depend upon my own timing. But I have adjusted to the X1M. Maybe not for the CW purist.

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Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 9:11 AM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Dale, when I sent a letter, I cannot send next one, because I have to wait 5 dots spacing. And this delay after each letter. It is not normal!

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 18:00
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

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Dale W4OP
----- Original Message -----
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To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 7:34 AM
Subject: [X1M_QRP-Transceiver] Internal keyer

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Version: 2014.0.4259 / Virus Database: 3658/6963 - Release Date: 12/31/13

3361. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-31 18:42:35 UTC
From: ua1cex@...
Topic: 2534 Message: 3361

Yes, Dale. Nov. firmware is ok. Dec. firmware has a problem. Freq. is jumping up and down when transmit.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 22:34
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

And this is November firmware I believe. There was a problem for you with the December firmware?

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 1:20 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

No problem with first dot.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 21:46
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

☐

Can you tell if part of that 1st dot is on the RX freq?

Dale
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 12:28 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Dale, yes, if you can do your own timing it is what we need. But really, Chinese can do something wrong again. I installed now Nov. firmware. And now everything is ok. But first dot is shorter than others.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 18:35
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

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I think letter spacing is 3 dot lengths- which apparently, the X1M keyer forces. My Accukeyer has this also- I normally do not use it, preferring to depend upon my own timing. But I have adjusted to the X1M. Maybe not for the CW purist.

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Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 9:11 AM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Dale, when I sent a letter, I cannot send next one, because I have to wait 5 dots spacing. And this delay after each letter. It is not normal!

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 18:00
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

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Dale W4OP
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From: ua1cex@...
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Sent: Tuesday, December 31, 2013 7:34 AM
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3362. Re: [X1M_QRP-Transceiver] Internal keyer

Yahoo group: X1M_QRP-Transceiver (2013)
Date: 2013-12-31 18:46:40 UTC
From: Dale Parfitt
Topic: 2534 Message: 3362

Thanks again Victor,

Dale W4OP
----- Original Message -----
From: ua1cex@...
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: Tuesday, December 31, 2013 1:42 PM
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

Yes, Dale. Nov. firmware is ok. Dec. firmware has a problem. Freq. is jumping up and down when transmit.

73/72 - Victor, UA1CEX.

-----Original Message-----
From: Dale Parfitt <parinc1@...>
To: X1M_QRP-Transceiver@yahoogroups.com
Sent: вт, 31 дек 2013 22:34
Subject: Re: [X1M_QRP-Transceiver] Internal keyer

☐

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Sent: вт, 31 дек 2013 21:46
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